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I saw a Caucasian man with $264,000 in his POSB bank account at Tan Tock Seng Hospital Singapore (2019-11-05 20:35) - Turritopsis Dohrnii Teo En Ming 1245
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[The Straits Times] Fans, celebrities mourn death of K-pop star Sulli (2019-10-16 10:25) - Turritopsis Dohrnii Teo En Ming 1295
[Mustsharenews.com] Sharon Au Was Counselled By Her Company in Paris, France Because She Sent Out Work-Related Texts After 8pm (2019-10-16 10:20) - Turritopsis Dohrnii Teo En Ming 1296
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Singapore Citizen Mr. Teo En Ming's Refugee Seeking Attempts, in the Search of a Substantially Better Life (2019-10-09 23:27) - Turritopsis Dohrnii Teo En Ming 1305
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Galax GeForce GTX1650 EX-1 Click OC PCI-E 4 GB GDDR5 128Bit Video Card Improves 4K Video Rendering Speeds by LEAPS AND BOUNDS! (2019-09-30 08:24) - Turritopsis Dohrnii Teo En Ming 1327
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Step-by-Step Tutorial: How to Setup Your Own e-Commerce Online Store using WooCommerce 3.4.5, Wordpress 4.9.8, and CentOS 1805 (LAMP) in Amazon AWS Cloud (2018-09-29 07:57) - Turritopsis Dohrnii Teo En Ming 1606
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1. 2020

1.1 December

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Ferrero Rocher Chocolate on Christmas Day 2020 SGD$18.55 (2020-12-25 13:48) - Turritopsis Dohrnii Teo En Ming

Paid for using $20 Grocery Voucher in Singapore.

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Salmon Fish Soup for Lunch at HDB Hub Foodcourt on Christmas Day 2020 SGD$6.00
(2020-12-25 13:45) - Turritopsis Dohrnii Teo En Ming

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From Entrepreneurs To Billionaires: 8 S'poreans Who Made It Big Despite Being School Dropouts

(2020-12-25 13:42) - Turritopsis Dohrnii Teo En Ming

Link: [1]https://vulcanpost.com/726945/entrepreneurs-billionaires-school- dropouts-singapore/

1. https://vulcanpost.com/726945/entrepreneurs-billionaires-school-dropouts-singapore/

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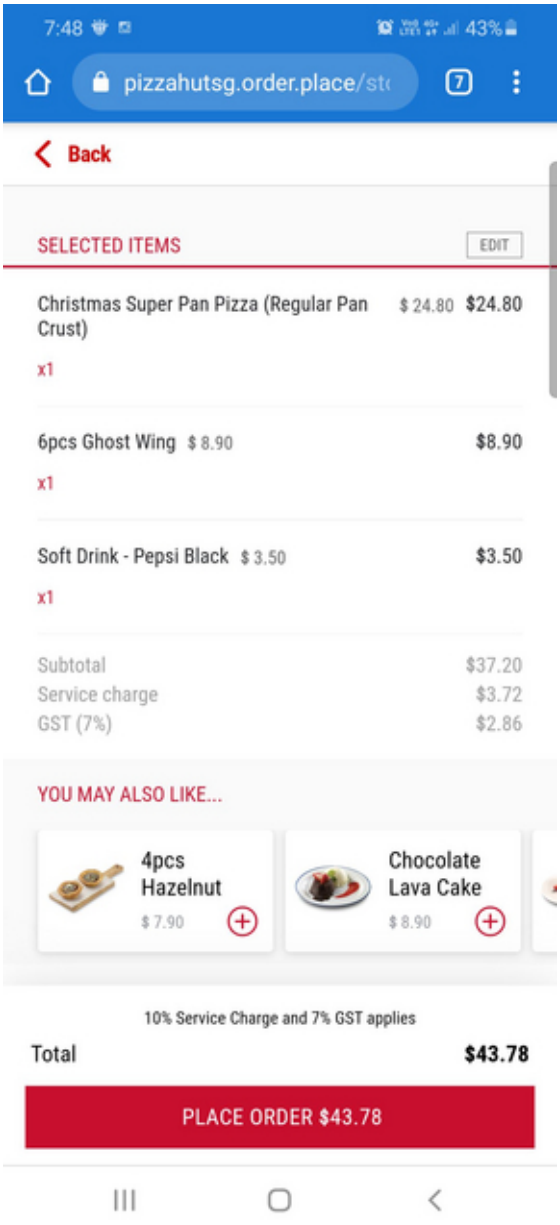
Christmas Eve 2020 Dinner at Pizza Hut @ Plaza Singapura SGD$43.78 (2020-12-25 13:39) - Turritopsis Dohrnii Teo En Ming



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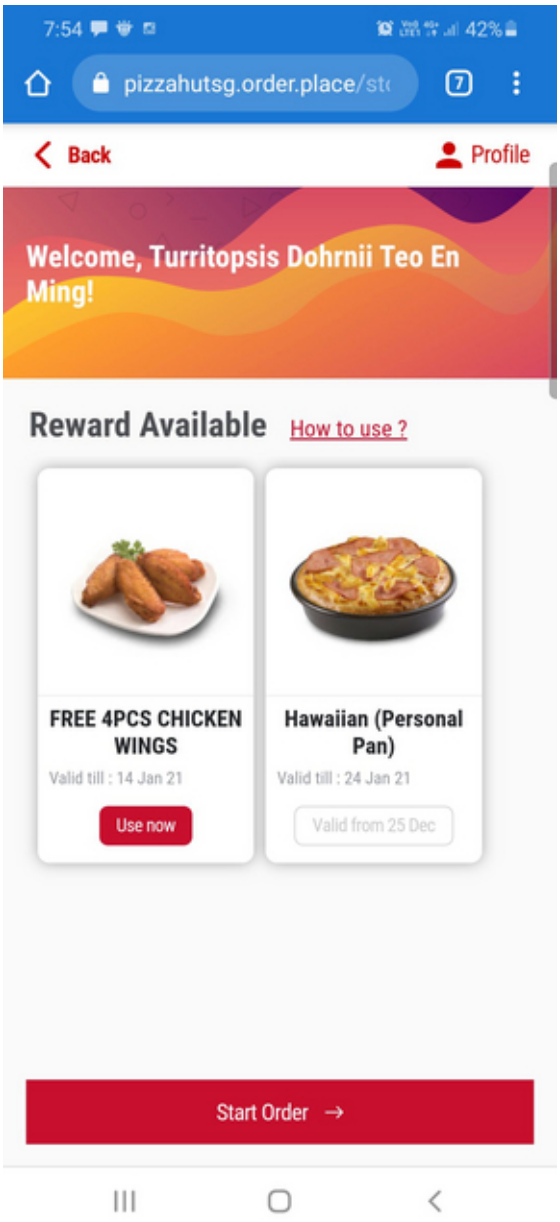
7:54
42%
pizzahutsg.order.place/st
Back
Profile
Welcome, Turritopsis Dohrnii Teo En Ming!
Reward Available
How to use ?
FREE 4PCS CHICKEN WINGS
Valid till : 14 Jan 21
Use now
Hawaiian (Personal Pan)
Valid till : 24 Jan 21
Valid from 25 Dec
Start Order

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Addendum to Teo En Ming's Guide to Configuring Asterisk/FreePBX with Cisco 7960 IP Phones

(2020-12-25 13:28) - Turritopsis Dohrnii Teo En Ming

Subject: Addendum to Teo En Ming's Guide to Configuring Asterisk/FreePBX with Cisco 7960 IP Phones

Author: Mr. Turritopsis Dohrnii Teo En Ming (TARGETED INDIVIDUAL)

Country: Singapore

Date: 25 Dec 2020 Friday Singapore Time

Type of Publication: Plain Text

Document version: 20201225.01

========== - ==========

Please refer to Teo En Ming's earlier guide.

Guide: Teo En Ming's Guide to Configuring Asterisk/FreePBX with Cisco 7960 IP Phones

Link: http://lists.digium.com/pipermail/asterisk-users/2020-December/295581.html

In the above mentioned guide, under Section 12: Caveats, it was mentioned as follows:

"I can now make outgoing phone calls on my Cisco 7960 IP phone.

However, if Voicemail in my extension configuration is set to Disabled,

and when I try to dial my DID number, it says "Number not valid".

Only when I change Voicemail to Enabled, and when I try to dial my DID

number, it says:

"The person at extension 1600 is unavailable. Please leave your message

after the tone, when done hang up or press the # key."

It seems that incoming calls will not be routed to extension 1600.

I will need to do more troubleshooting on this at a future date."

Now, I am pleased to announce that, this final issue has been resolved on Christmas Day 2020.

The steps taken to resolve this final issue are as follows:

Login to Teo En Ming's FreePBX GUI at https://192.168.1.9.

Click Applications > Extensions.

Click the Pencil icon to edit the PJSIP extension 1600.

Click Advanced tab.

For Rewrite Contact, you MUST change the setting from Yes to No.

Click Voicemail tab.

Change Enabled to Yes.

For Require From Same Extension, click Yes.

Click Submit.

You MUST click Apply Config for the changes to take effect!

Voila! All issues have been solved.

Mr. Turritopsis Dohrnii Teo En Ming, 42 years old as of 25 December 2020 Friday, is a TARGETED INDIVIDUAL (TI) living in Singapore. He is an IT Consultant with a System Integrator (SI)/computer firm in Singapore. He is an IT enthusiast.

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REFERENCES

==========

[1] [1]http://lists.digium.com/pipermail/asterisk-users/2020-December/295590. html

[2] [2]https://marc.info/?l=netfilter &m=160887342710427 &w=2

[3] [3]https://lists.sandelman.ca/pipermail/tcpdump-workers/2020-December/001 596.html

[4] [4]http://lists.linuxfromscratch.org/pipermail/lfs-chat/2020-December/029 175.html

1. `http://lists.digium.com/pipermail/asterisk-users/2020-December/295590.html`
2. `https://marc.info/?l=netfilter&m=160887342710427&w=2`
3. `https://lists.sandelman.ca/pipermail/tcpdump-workers/2020-December/001596.html`
4. `http://lists.linuxfromscratch.org/pipermail/lfs-chat/2020-December/029175.html`

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Teo En Ming's Guide to Configuring Asterisk/FreePBX with Cisco 7960 IP Phones (2020-12-24 17:19) - Turritopsis Dohrnii Teo En Ming

Subject: Teo En Ming's Guide to Configuring Asterisk/FreePBX with Cisco 7960 IP Phones

Author: Mr. Turritopsis Dohrnii Teo En Ming (TARGETED INDIVIDUAL)

Country: Singapore

Date: 24 December 2020 Thursday Singapore Time

Type of Publication: Plain Text

Document version: 20201224.01

==========

System Information

==========

My Asterisk version: 16.13.0

My FreePBX version: 15.0.16.81

On 7 December 2020, I was able to get Bria softphone to work with my Asterisk PBX server successfully (PJSIP extension).

On 19 December 2020, I bought a refurbished Cisco CP-7960G IP hardphone for SGD $30 in Singapore.

TFTP works. My DHCP server in my pfSense firewall applaince is able to assign my Cisco 7960 IP phone with an IP address with DHCP option 66 (TFTP server). My Cisco 7960 IP phone is able to connect to my TFTP server on my Asterisk PBX appliance and download firmware and configuration files successfully.

On 24 December 2020 Thursday Christmas Eve, I have finally managed to get my Cisco 7960 IP phone to register on my Asterisk PBX server ***successfully***.

This is an ***OLD AND OUTDATED*** video of my Cisco 7960 IP phone:

https://www.youtube.com/watch?v=ip _F08jmmio

I will publish new and updated Youtube video of my Cisco 7960 IP phone ***in the future***.

BEGINNING OF THIS GUIDE

==========

Reference Guide: Configure Asterisk with Cisco IP Phones

Link: http://docshare02.docshare.tips/files/6706/67061980.pdf

SECTION 1: INSTALLING TFTP SERVER ON ASTERISK PBX APPLIANCE

==========

Putty/ssh into Teo En Ming's Asterisk VoIP IP PBX SIP Server at 192.168.1.9.

yum install tftp-server

Package tftp-server-5.2-23.8.sng7.x86 _64 already installed and latest version

chkconfig xinetd on

chkconfig tftp on

systemctl start tftp.service

ps -ef | grep tftp

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root 3424 1 0 11:17 ? 00:00:00 /usr/sbin/in.tftpd -s /tftpboot

SECTION 2: DOWNLOADING CISCO 7960 IP PHONE SIP FIRMWARE

==========

cd /tftpboot

wget http://www.firewall.cx/downloads/cisco-tools-a-applications/cisco-ip-phone-a-at a-firmware-downloads/107-7940-a-7960-ip-phone-sccp-a-sip/file.html

mv file.html file.zip

unzip file.zip

cd 7940 _7960/

cd SIP/

tar -xf P0S3-8-12-00.tar

rm P0S3-8-12-00.tar

mv * /tftpboot/

cd /tftpboot/

[root@freepbx tftpboot] # ls

7940 _7960 file.zip OS79XX.TXT P003-8-12-00.bin P003-8-12-00.sbn P0S3-8-12-00.loads P0S3-8-12-00.sb2

SECTION 3: CREATING CISCO 7960 IP PHONE CONFIGURATION FILES

==========

nano OS79XX.TXT (Create configuration file)

==========

P003-8-12-00

nano XMLDefault.cnf.xml (Create configuration file)

==========

<Default>

<callManagerGroup>

<members>

<member priority="0">

<callManager>

<ports>

<ethernetPhonePort>2000</ethernetPhonePort>

<mgcpPorts>

<listen>2427</listen>

<keepAlive>2428</keepAlive>

</mgcpPorts>

</ports>

<processNodeName></processNodeName>

</callManager>

</member>

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</members>

</callManagerGroup>

<loadInformation8 model="IP Phone 7940">P0S3-8-12-00</loadInformation8>

<loadInformation7 model="IP Phone 7960">P0S3-8-12-00</loadInformation7>

<loadInformation435 model="Cisco 7945">SIP45.8-4-2S</loadInformation435>

<loadInformation436 model=”Cisco 7965”>SIP45.8-4-2S</loadInformation436>

<loadInformation30006 model="IP Phone 7970">SIP70.8-0-3S</loadInformation30006>

<authenticationURL></authenticationURL>

<directoryURL></directoryURL>

<idleURL></idleURL>

<informationURL></informationURL>

<messagesURL></messagesURL>

<servicesURL></servicesURL>

</Default>

nano SIPDefault.cnf (Create configuration file)

==========

image _version: "P0S3-8-12-00"

proxy1 _address: "192.168.1.9"

proxy2 _address: "xxx.xxx.xxx.xxx"

proxy3 _address: "xxx.xxx.xxx.xxx"

proxy4 _address: "xxx.xxx.xxx.xxx"

Proxy Server Port

proxy1 _port:"5060"

proxy2 _port:"5060"

proxy3 _port:"5060"

proxy4 _port:"5060"

proxy _emergency: ""

proxy _emergency _port: "5060"

proxy _backup: ""

proxy _backup _port: "5060"

outbound _proxy: ""

outbound _proxy _port: "5060"

nat _enable: "0"

nat _address: ""

voip _control _port: "5060"

start _media _port: "16348"

end _media _port: "20134"

nat _received _processing: "1"

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dyn _dns _addr _1: ""

dyn _dns _addr _2: ""

dyn _tftp _addr: "192.168.1.9"

tftp _cfg _dir: "./"

proxy _register: "1"

timer _register _expires: "120"

preferred _codec: "none"

tos _media: "5"

enable _vad: "0"

dial _template: "dialplan"

network _media _type: "auto"

autocomplete: "1"

telnet _level: "2"

cnf _join _enable: "1"

semi _attended _transfer: "0"

call _waiting: "1"

anonymous _call _block: "0"

callerid _blocking: "0"

dnd _control: "0"

dtmf _inband: "1"

dtmf _outofband: "avt"

dtmf _db _level: "3"

dtmf _avt _payload: "101"

timer _t1: "500"

timer _t2: "4000"

sip _retx: "10"

sip _invite _retx: "6"

timer _invite _expires: "180"

sntp _mode: "directedbroadcast"

sntp _server: "time-a-g.nist.gov"

time _zone: "8"

time _format _24hr: "0"

dst _offset: "0"

dst _start _month: "April"

dst _start _day: ""

dst _start _day _of _week: "Sun"

dst _start _week _of _month: "1"

dst _start _time: "2"

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dst _stop _month: "Nov"

dst _stop _day: "1"

dst _stop _day _of _week: "Sunday"

dst _stop _week _of _month: ""

dst _stop _time: "2"

dst _auto _adjust: "1"

messages _uri: "*99"

services _url: "http://example.domain.ext/services/menu.xml"

directory _url: "http://example.domain.ext/services/directory.php"

logo _url: "http://example.domain.ext/imagename.bmp"

http _proxy _addr: ""

http _proxy _port: ""

remote _party _id: 0

nano dialplan.xml (Create configuration file)

==========

<DIALTEMPLATE>

<TEMPLATE MATCH="*" Timeout="5"/> <!– Anything else –>

</DIALTEMPLATE>

nano RINGLIST.DAT (Create configuration file)

==========

FlintPhone FlintPhone.raw

HarpSynth HarpSynth.raw

Jamaica Jamaica.raw

Klaxons Klaxons.raw

KotoEffect KotoEffect.raw

MusicBox MusicBox.raw

Ohno Ohno.raw

Piano 1 Piano1.raw

Piano 2 Piano2.raw

nano SEP000E84C060A6.cnf.xml (Create configuration file)

==========

<device>

<deviceProtocol>SIP</deviceProtocol>

<loadInformation model="IP Phone 7960">P0S3-8-12-00</loadInformation>

</device>

nano SIP000E84C060A6.cnf (Create configuration file)

==========

proxy1 _address: "192.168.1.9"

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proxy2 _address: "xxx.xxx.xxx.xxx"

proxy3 _address: "xxx.xxx.xxx.xxx"

proxy4 _address: "xxx.xxx.xxx.xxx"

line1 _name: "1600"

line1 _shortname: "TEO EN MING"

line1 _displayname: "TURRITOPSIS DOHRNII TEO EN MING"

line1 _authname: "1600"

line1 _password: "IP Phone Extension Password"

line2 _name: ""

line2 _shortname: ""

line2 _displayname: ""

line2 _authname: "UNPROVISIONED"

line2 _password: "UNPROVISIONED"

line3 _name: ""

line3 _shortname: ""

line3 _displayname: ""

line3 _authname: "UNPROVISIONED"

line3 _password: "UNPROVISIONED"

line4 _name: ""

line4 _shortname:

line4 _displayname: ""

line4 _authname: "UNPROVISIONED"

line4 _password: "UNPROVISIONED"

line5 _name: ""

line5 _shortname: ""

line5 _displayname: ""

line5 _authname: "UNPROVISIONED"

line5 _password: "UNPROVISIONED"

line6 _name: ""

line6 _shortname: ""

line6 _displayname: ""

line6 _authname: "UNPROVISIONED"

line6 _password: "UNPROVISIONED"

proxy _emergency: ""

proxy _emergency _port: "5060"

proxy _backup: ""

proxy _backup _port: "5060"

outbound _proxy: ""

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outbound _proxy _port: "5060"

nat _enable: "0"

nat _address: ""

voip _control _port: "5060"

start _media _port: "16348"

end _media _port: "20134"

nat _received _processing: "0"

phone _label: "TEO EN MING CORP "

time _zone: 8

logo _url: "http://domain.ext/imagefile.bmp"

telnet _level: "2"

phone _prompt: "Cisco7960"

phone _password: "password"

enable _vad: "0"

network _media _type: "auto"

user _info: phone

SECTION 4: GETTING TFTP SERVER TO START AUTOMATICALLY UPON EVERY BOOT

==========

systemctl enable tftp

systemctl start tftp

[root@freepbx] # ps -ef | grep tftp

root 4097 1 0 02:24 ? 00:00:00 /usr/sbin/in.tftpd -s /tftpboot

SECTION 5: CONFIGURING PFSENSE FIREWALL'S DHCP SERVER WITH DHCP OPTION 66 (TFTP SERVER)

========== - ==========

Reference Guide: Chapter: Getting Started With Your Cisco SIP IP Phone (Version 3.0)

Link: https://www.cisco.com/c/en/us/td/docs/voice _ip _comm/cuipph/7960g _7940g/sip/3 _0/english/administration/guide/ver3 _0/install.html

[QUOTE]

Configuring Network Parameters

==========

Note This section describes how to configure the basic network parameters that are required for the phone to operate on the network. For a complete list of the network parameters that you can configure, see the "Modifying the Phone's Network Settings" section.

The network parameters include those parameters that must be configured on a phone for the phone to operate in an IP network. You can configure the required network parameters via DHCP or manually configure them after you have connected the phone to a power supply.

The following parameters must be defined for your phone to establish network connectivity:

•Phone's IP address

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•Subnet mask

•Default gateway for the subnet (use "0.0.0.0" if not required)

•Domain name

•DNS server IP address (use "0.0.0.0" if not required)

•TFTP server IP address

When configuring the network parameters of an IP phone, adhere to the following guidelines:

•Use 0.0.0.0 for unused IP addresses.

•You can use 0.0.0.0 for the subnet mask only if the default gateway is also 0.0.0.0.

•The TFTP server must have a nonzero IP address.

•The default gateway must be on the same subnet as the phone.

•The default gateway can be 0.0.0.0 only if the TFTP or DNS server is on the same subnet as the phone.

Note By default, DHCP is enabled on your phone. Before you can manually configure the network parameters, you must disable DHCP after connecting your phone to a power supply.

Configuring Network Parameters via a DHCP Server

==========

If you are using DHCP to configure the network parameters, configure the following DHCP options on your DHCP server before you connect your Cisco SIP IP phone:

•dhcp option #50 (IP address)

•dhcp option #1 (IP subnet mask)

•dhcp option #3 (Default IP gateway)

•dhcp option #15 (Domain name)

•dhcp option #6 (DNS server IP address)

•dhcp option #66 (TFTP server IP address)

[/QUOTE]

Reference Guide: pfSense Firewall DHCPv4 Server

Link: https://docs.netgate.com/pfsense/en/latest/services/dhcp/ipv4.html

Login to Teo En Ming's pfSense firewall appliance.

Click Services > DHCP Server.

At TFTP, click Display Advanced.

TFTP Server: 192.168.1.9

Please remember to click Save.

Then click Restart Service. You must restart the DHCP server for the changes to take effect.

SECTION 6: PERFORM FACTORY RESET ON CISCO 7960 IP PHONE

==========

Because I bought an used Cisco 7960 IP phone, I must factory reset it to clear all previous owner's settings.

Reference Guide: Reset 7900 Series IP Phones if Password is Set

Link: https://www.cisco.com/c/en/us/support/docs/voice-unified-communications/unifi ed-ip-phone-7900-series/15254-7960-default.html

[QUOTE]

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Reset the 7940 and 7960 IP Phones to the Factory Default

==========

In order to perform a factory reset of a phone if the password is set, complete these steps:

Unplug the power cable from the phone, and then plug in the cable again.

The phone begins its power up cycle.

Immediately press and hold # and while the Headset, Mute, and Speaker buttons begin to flash in sequence, release #.

The Headset, Mute, and Speaker buttons flash in sequence in order to indicate that the phone waits for you to enter the key sequence for the reset.

Press 123456789*0 # within 60 seconds after the Headset, Mute, and Speaker buttons begin to flash.

If you repeat a key within the sequence, for example, if you press 1223456789*0 #, the sequence is still accepted and the phone resets.

If you do not complete this key sequence or do not press any keys, after 60 seconds, the Headset, Mute, and Speaker buttons no longer flash, and the phone continues with its normal startup process. The phone does not reset.

If you enter an invalid key sequence, the buttons no longer flash, and the phone continues with its normal startup process. The phone does not reset.

If you enter this key sequence correctly, the phone displays this prompt:

Keep network cfg? 1 = yes 2 = no

In order to maintain the current network configuration settings for the phone when the phone resets, press 1. In order to reset the network configuration settings when the phone resets, press 2.

If you press another key or do not respond to this prompt within 60 seconds, the phone continues with its normal startup process and does not reset. Otherwise, the phone goes through the factory reset process.

[/QUOTE]

SECTION 7: TEMPORARILY DISABLE FREEPBX FIREWALL TO TEST TFTP CONNECTION

==========

Reference Guide: Firewall Command Line

Link: https://wiki.freepbx.org/display/FPG/Firewall+Command+Line

fwconsole firewall disable

[root@freepbx] # iptables -L

Chain INPUT (policy ACCEPT)

target prot opt source destination

Chain FORWARD (policy ACCEPT)

target prot opt source destination

Chain OUTPUT (policy ACCEPT)

target prot opt source destination

[root@freepbx] # iptables -S

-P INPUT ACCEPT

-P FORWARD ACCEPT

-P OUTPUT ACCEPT

[root@freepbx] # tail -f /var/log/messages

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Dec 20 03:24:42 freepbx systemd: Started Tftp Server.

Dec 20 03:25:25 freepbx xinetd[939]: START: tftp pid=8213 from=192.168.1.130

Dec 20 03:25:25 freepbx in.tftpd[8214]: RRQ from 192.168.1.130 filename CTLSEP000E84C060A6.tlv

Dec 20 03:25:25 freepbx in.tftpd[8214]: Client 192.168.1.130 File not found CTLSEP000E84C060A6.tlv

Dec 20 03:25:25 freepbx in.tftpd[8215]: RRQ from 192.168.1.130 filename SEP000E84C060A6.cnf.xml

Dec 20 03:25:25 freepbx in.tftpd[8215]: Client 192.168.1.130 finished SEP000E84C060A6.cnf.xml

Dec 20 03:25:25 freepbx in.tftpd[8216]: RRQ from 192.168.1.130 filename P0S3-8-12-00.loads

Dec 20 03:25:25 freepbx in.tftpd[8216]: Client 192.168.1.130 finished P0S3-8-12-00.loads

Dec 20 03:25:49 freepbx in.tftpd[8217]: RRQ from 192.168.1.130 filename SIPDefault.cnf

Dec 20 03:25:49 freepbx in.tftpd[8217]: Client 192.168.1.130 finished SIPDefault.cnf

Dec 20 03:25:49 freepbx in.tftpd[8218]: RRQ from 192.168.1.130 filename ./SIP000E84C060A6.cnf

Dec 20 03:25:49 freepbx in.tftpd[8218]: Client 192.168.1.130 finished ./SIP000E84C060A6.cnf

Dec 20 03:25:51 freepbx in.tftpd[8219]: RRQ from 192.168.1.130 filename RINGLIST.DAT

Dec 20 03:25:51 freepbx in.tftpd[8220]: RRQ from 192.168.1.130 filename dialplan.xml

Dec 20 03:25:51 freepbx in.tftpd[8219]: Client 192.168.1.130 finished RINGLIST.DAT

Dec 20 03:25:51 freepbx in.tftpd[8220]: Client 192.168.1.130 finished dialplan.xml

SECTION 8: ENABLE AND START THE FREEPBX FIREWALL FOR PRODUCTION USE

==========

[root@freepbx] # fwconsole firewall start

Enabling Firewall.

[root@freepbx] #

Broadcast message from root@freepbx.sangoma.local (Sun Dec 20 03:37:45 2020):

Firewall service now starting.

iptables -L

iptables -S

Login to FreePBX Dashboard.

Please check the following item:

System Firewall: Firewall Active

Power off and then power on the Cisco 7960 IP Phone.

[root@freepbx] # tail -f /var/log/messages

Dec 20 03:42:27 freepbx xinetd[939]: START: tftp pid=10209 from=192.168.1.130

Dec 20 03:42:27 freepbx in.tftpd[10210]: RRQ from 192.168.1.130 filename CTLSEP000E84C060A6.tlv

Dec 20 03:42:27 freepbx in.tftpd[10210]: Client 192.168.1.130 File not found CTLSEP000E84C060A6.tlv

Dec 20 03:42:28 freepbx in.tftpd[10211]: RRQ from 192.168.1.130 filename SEP000E84C060A6.cnf.xml

Dec 20 03:42:28 freepbx in.tftpd[10211]: Client 192.168.1.130 finished SEP000E84C060A6.cnf.xml

Dec 20 03:42:28 freepbx in.tftpd[10212]: RRQ from 192.168.1.130 filename P0S3-8-12-00.loads

Dec 20 03:42:28 freepbx in.tftpd[10212]: Client 192.168.1.130 finished P0S3-8-12-00.loads

Dec 20 03:42:51 freepbx in.tftpd[10286]: RRQ from 192.168.1.130 filename SIPDefault.cnf

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Dec 20 03:42:51 freepbx in.tftpd[10286]: Client 192.168.1.130 finished SIPDefault.cnf

Dec 20 03:42:52 freepbx in.tftpd[10287]: RRQ from 192.168.1.130 filename ./SIP000E84C060A6.cnf

Dec 20 03:42:52 freepbx in.tftpd[10287]: Client 192.168.1.130 finished ./SIP000E84C060A6.cnf

Dec 20 03:42:53 freepbx in.tftpd[10288]: RRQ from 192.168.1.130 filename RINGLIST.DAT

Dec 20 03:42:53 freepbx in.tftpd[10288]: Client 192.168.1.130 finished RINGLIST.DAT

Dec 20 03:42:53 freepbx in.tftpd[10289]: RRQ from 192.168.1.130 filename dialplan.xml

Dec 20 03:42:53 freepbx in.tftpd[10289]: Client 192.168.1.130 finished dialplan.xml

SECTION 9: ASTERISK CLI TROUBLESHOOTING COMMANDS

==========

asterisk -vvvr

sip set debug on

sip show peers

Name/username Host Dyn Forcerport Comedia ACL Port Status Description

didlogic/60751 107.6.123.181 Yes Yes 5060 OK (7 ms)

1 sip peers [Monitored: 1 online, 0 offline Unmonitored: 0 online, 0 offline]

SECTION 10: ASTERISK PBX SERVER DEBUGGING OUTPUT

==========

asterisk -vvvr

freepbx*CLI> sip set debug on

freepbx*CLI>

[2020-12-20 07:06:22] NOTICE[2366]: chan _sip.c:15893 sip _reregister: – Re-registration for 60751@sip.sg.didlogic.net

REGISTER 12 headers, 0 lines

Reliably Transmitting (NAT) to 107.6.123.181:5060:

REGISTER sip:sip.sg.didlogic.net SIP/2.0

Via: SIP/2.0/UDP 192.168.1.9:5160;branch=z9hG4bK3f11a8b8;rport

Max-Forwards: 70

From: <sip:60751@sip.sg.didlogic.net>;tag=as6df6d977

To: <sip:60751@sip.sg.didlogic.net>

Call-ID: 005dbc8238e06ac421ef613a3b55e134@127.0.0.1

CSeq: 165 REGISTER

Supported: replaces, timer

User-Agent: FPBX-15.0.16.81(16.13.0)

Authorization: Digest username="60751", realm="sip.sg.didlogic.net", algorithm=MD5, uri="sip:sip.sg.didlogic.net", nonce="X974SF/e9xyVB6XKqpfatDHcb8chw9fPak+Ke4A=", response="bfadacdd4e745fd4b9e12046e6ce2afc", qop=auth, cnonce="2b1b6d13", nc=00000003

Expires: 120

Contact: <sip:6531590313@192.168.1.9:5160>

Content-Length: 0

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—

<— SIP read from UDP:107.6.123.181:5060 —>

SIP/2.0 200 OK

Via: SIP/2.0/UDP 192.168.1.9:5160;branch=z9hG4bK3f11a8b8;rport=26462;received=<CORPORATE OFFICE PUBLIC IP>

From: <sip:60751@sip.sg.didlogic.net>;tag=as6df6d977

To: <sip:60751@sip.sg.didlogic.net>;tag=b27e1a1d33761e85846fc98f5f3a7e58.4d21

Call-ID: 005dbc8238e06ac421ef613a3b55e134@127.0.0.1

CSeq: 165 REGISTER

Contact: <sip:6531590313@<CORPORATE OFFICE PUBLIC IP>:26462>;expires=120;received="sip:<CORPORATE OFFICE PUBLIC IP>:26462"

Content-Length: 0

<————————->

— (8 headers 0 lines) —

[2020-12-20 07:06:22] NOTICE[2366]: chan _sip.c:24961 handle _response _register: Outbound Registration: Expiry for sip.sg.didlogic.net is 120 sec (Scheduling reregistration in 105 s)

Really destroying SIP dialog ’005dbc8238e06ac421ef613a3b55e134@127.0. 0.1’ Method: REGISTER

<— SIP read from UDP:107.6.123.181:5060 —>

<————————->

Reliably Transmitting (NAT) to 107.6.123.181:5060:

OPTIONS sip:sip.sg.didlogic.net SIP/2.0

Via: SIP/2.0/UDP 192.168.1.9:5160;branch=z9hG4bK51105854;rport

Max-Forwards: 70

From: "Unknown" <sip:60751@192.168.1.9:5160>;tag=as41ddf4a6

To: <sip:sip.sg.didlogic.net>

Contact: <sip:60751@192.168.1.9:5160>

Call-ID: 0b0605df4f4ca7b03402c9fd5a869606@192.168.1.9:5160

CSeq: 102 OPTIONS

User-Agent: FPBX-15.0.16.81(16.13.0)

Date: Sun, 20 Dec 2020 07:07:07 GMT

Allow: INVITE, ACK, CANCEL, OPTIONS, BYE, REFER, SUBSCRIBE, NOTIFY, INFO, PUBLISH, MESSAGE

Supported: replaces, timer

Content-Length: 0

—

<— SIP read from UDP:107.6.123.181:5060 —>

SIP/2.0 200 OK

Via: SIP/2.0/UDP 192.168.1.9:5160;branch=z9hG4bK51105854;rport=26462;received=<CORPORATE OFFICE PUBLIC IP>

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From: "Unknown" <sip:60751@192.168.1.9:5160>;tag=as41ddf4a6

To: <sip:sip.sg.didlogic.net>;tag=b27e1a1d33761e85846fc98f5f3a7e58.f924

Call-ID: 0b0605df4f4ca7b03402c9fd5a869606@192.168.1.9:5160

CSeq: 102 OPTIONS

Content-Length: 0

<————————->

— (7 headers 0 lines) —

Really destroying SIP dialog ’0b0605df4f4ca7b03402c9fd5a869606@192.16 8.1.9:5160’ Method: OPTIONS

<— SIP read from UDP:107.6.123.181:5060 —>

<————————->

<— SIP read from UDP:107.6.123.181:5060 —>

<————————->

Reliably Transmitting (NAT) to 107.6.123.181:5060:

OPTIONS sip:sip.sg.didlogic.net SIP/2.0

Via: SIP/2.0/UDP 192.168.1.9:5160;branch=z9hG4bK4ff08179;rport

Max-Forwards: 70

From: "Unknown" <sip:60751@192.168.1.9:5160>;tag=as004073f3

To: <sip:sip.sg.didlogic.net>

Contact: <sip:60751@192.168.1.9:5160>

Call-ID: 500c8eb32071e3fc462be80f243d38fc@192.168.1.9:5160

CSeq: 102 OPTIONS

User-Agent: FPBX-15.0.16.81(16.13.0)

Date: Sun, 20 Dec 2020 07:08:07 GMT

Allow: INVITE, ACK, CANCEL, OPTIONS, BYE, REFER, SUBSCRIBE, NOTIFY, INFO, PUBLISH, MESSAGE

Supported: replaces, timer

Content-Length: 0

—

<— SIP read from UDP:107.6.123.181:5060 —>

SIP/2.0 200 OK

Via: SIP/2.0/UDP 192.168.1.9:5160;branch=z9hG4bK4ff08179;rport=26462;received=<CORPORATE OFFICE PUBLIC IP>

From: "Unknown" <sip:60751@192.168.1.9:5160>;tag=as004073f3

To: <sip:sip.sg.didlogic.net>;tag=b27e1a1d33761e85846fc98f5f3a7e58.385d

Call-ID: 500c8eb32071e3fc462be80f243d38fc@192.168.1.9:5160

CSeq: 102 OPTIONS

Content-Length: 0

<————————->

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— (7 headers 0 lines) —

Really destroying SIP dialog ’500c8eb32071e3fc462be80f243d38fc@192.16 8.1.9:5160’ Method: OPTIONS

[2020-12-20 07:08:07] NOTICE[2366]: chan _sip.c:15893 sip _reregister: – Re-registration for 60751@sip.sg.didlogic.net

REGISTER 12 headers, 0 lines

Reliably Transmitting (NAT) to 107.6.123.181:5060:

REGISTER sip:sip.sg.didlogic.net SIP/2.0

Via: SIP/2.0/UDP 192.168.1.9:5160;branch=z9hG4bK6d85e46f;rport

Max-Forwards: 70

From: <sip:60751@sip.sg.didlogic.net>;tag=as6df6d977

To: <sip:60751@sip.sg.didlogic.net>

Call-ID: 005dbc8238e06ac421ef613a3b55e134@127.0.0.1

CSeq: 166 REGISTER

Supported: replaces, timer

User-Agent: FPBX-15.0.16.81(16.13.0)

Authorization: Digest username="60751", realm="sip.sg.didlogic.net", algorithm=MD5, uri="sip:sip.sg.didlogic.net", nonce="X974SF/e9xyVB6XKqpfatDHcb8chw9fPak+Ke4A=", response="074f1f037639144de751dc9231c191c9", qop=auth, cnonce="6eb58a86", nc=00000004

Expires: 120

Contact: <sip:6531590313@192.168.1.9:5160>

Content-Length: 0

—

<— SIP read from UDP:107.6.123.181:5060 —>

SIP/2.0 401 Unauthorized

Via: SIP/2.0/UDP 192.168.1.9:5160;branch=z9hG4bK6d85e46f;rport=26462;received=<CORPORATE OFFICE PUBLIC IP>

From: <sip:60751@sip.sg.didlogic.net>;tag=as6df6d977

To: <sip:60751@sip.sg.didlogic.net>;tag=b27e1a1d33761e85846fc98f5f3a7e58.e426

Call-ID: 005dbc8238e06ac421ef613a3b55e134@127.0.0.1

CSeq: 166 REGISTER

WWW-Authenticate: Digest realm="sip.sg.didlogic.net", nonce="X975g1/e+FcgTQnFYPwx5RQy4kH7puXka-mn2zYA=", qop="auth"

Content-Length: 0

<————————->

— (8 headers 0 lines) —

Responding to challenge, registration to domain/host name sip.sg.didlogic.net

REGISTER 12 headers, 0 lines

Reliably Transmitting (NAT) to 107.6.123.181:5060:

REGISTER sip:sip.sg.didlogic.net SIP/2.0

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Via: SIP/2.0/UDP 192.168.1.9:5160;branch=z9hG4bK7f0ddbdc;rport

Max-Forwards: 70

From: <sip:60751@sip.sg.didlogic.net>;tag=as6df6d977

To: <sip:60751@sip.sg.didlogic.net>

Call-ID: 005dbc8238e06ac421ef613a3b55e134@127.0.0.1

CSeq: 167 REGISTER

Supported: replaces, timer

User-Agent: FPBX-15.0.16.81(16.13.0)

Authorization: Digest username="60751", realm="sip.sg.didlogic.net", algorithm=MD5, uri="sip:sip.sg.didlogic.net", nonce="X975g1/e+FcgTQnFYPwx5RQy4kH7puXkamn2zYA=", response="c1184dab1dd50dad14cba70933b6bbaa", qop=auth, cnonce="4945f552", nc=00000001

Expires: 120

Contact: <sip:6531590313@192.168.1.9:5160>

Content-Length: 0

—

<— SIP read from UDP:107.6.123.181:5060 —>

SIP/2.0 200 OK

Via: SIP/2.0/UDP 192.168.1.9:5160;branch=z9hG4bK7f0ddbdc;rport=26462;received=<CORPORATE OFFICE PUBLIC IP>

From: <sip:60751@sip.sg.didlogic.net>;tag=as6df6d977

To: <sip:60751@sip.sg.didlogic.net>;tag=b27e1a1d33761e85846fc98f5f3a7e58.f557

Call-ID: 005dbc8238e06ac421ef613a3b55e134@127.0.0.1

CSeq: 167 REGISTER

Contact: <sip:6531590313@<CORPORATE OFFICE PUBLIC IP>:26462>;expires=120;received="sip:<CORPORATE OFFICE PUBLIC IP>:26462"

Content-Length: 0

<————————->

— (8 headers 0 lines) —

[2020-12-20 07:08:07] NOTICE[2366]: chan _sip.c:24961 handle _response _register: Outbound Registration: Expiry for sip.sg.didlogic.net is 120 sec (Scheduling reregistration in 105 s)

Really destroying SIP dialog ’005dbc8238e06ac421ef613a3b55e134@127.0. 0.1’ Method: REGISTER

<— SIP read from UDP:107.6.123.181:5060 —>

<————————->

<— SIP read from UDP:107.6.123.181:5060 —>

<————————->

Reliably Transmitting (NAT) to 107.6.123.181:5060:

OPTIONS sip:sip.sg.didlogic.net SIP/2.0

Via: SIP/2.0/UDP 192.168.1.9:5160;branch=z9hG4bK0f99cec8;rport

Max-Forwards: 70

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From: "Unknown" <sip:60751@192.168.1.9:5160>;tag=as786e56f3

To: <sip:sip.sg.didlogic.net>

Contact: <sip:60751@192.168.1.9:5160>

Call-ID: 49595bb227bd6e390ca40ce6508308aa@192.168.1.9:5160

CSeq: 102 OPTIONS

User-Agent: FPBX-15.0.16.81(16.13.0)

Date: Sun, 20 Dec 2020 07:09:07 GMT

Allow: INVITE, ACK, CANCEL, OPTIONS, BYE, REFER, SUBSCRIBE, NOTIFY, INFO, PUBLISH, MESSAGE

Supported: replaces, timer

Content-Length: 0

—

<— SIP read from UDP:107.6.123.181:5060 —>

SIP/2.0 200 OK

Via: SIP/2.0/UDP 192.168.1.9:5160;branch=z9hG4bK0f99cec8;rport=26462;received=<CORPORATE OFFICE PUBLIC IP>

From: "Unknown" <sip:60751@192.168.1.9:5160>;tag=as786e56f3

To: <sip:sip.sg.didlogic.net>;tag=b27e1a1d33761e85846fc98f5f3a7e58.e4fb

Call-ID: 49595bb227bd6e390ca40ce6508308aa@192.168.1.9:5160

CSeq: 102 OPTIONS

Content-Length: 0

<————————->

— (7 headers 0 lines) —

Really destroying SIP dialog ’49595bb227bd6e390ca40ce6508308aa@192.16 8.1.9:5160’ Method: OPTIONS

<— SIP read from UDP:107.6.123.181:5060 —>

<————————->

<— SIP read from UDP:107.6.123.181:5060 —>

<————————->

[2020-12-20 07:09:52] NOTICE[2366]: chan _sip.c:15893 sip _reregister: – Re-registration for 60751@sip.sg.didlogic.net

REGISTER 12 headers, 0 lines

Reliably Transmitting (NAT) to 107.6.123.181:5060:

REGISTER sip:sip.sg.didlogic.net SIP/2.0

Via: SIP/2.0/UDP 192.168.1.9:5160;branch=z9hG4bK030dc571;rport

Max-Forwards: 70

From: <sip:60751@sip.sg.didlogic.net>;tag=as6df6d977

To: <sip:60751@sip.sg.didlogic.net>

Call-ID: 005dbc8238e06ac421ef613a3b55e134@127.0.0.1

CSeq: 168 REGISTER

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Supported: replaces, timer

User-Agent: FPBX-15.0.16.81(16.13.0)

Authorization: Digest username="60751", realm="sip.sg.didlogic.net", algorithm=MD5, uri="sip:sip.sg.didlogic.net", nonce="X975g1/e+FcgTQnFYPwx5RQy4kH7puXkamn2zYA=", response="b6e96ab578798296e812139c383ebbac", qop=auth, cnonce="6313e774", nc=00000002

Expires: 120

Contact: <sip:6531590313@192.168.1.9:5160>

Content-Length: 0

—

<— SIP read from UDP:107.6.123.181:5060 —>

SIP/2.0 200 OK

Via: SIP/2.0/UDP 192.168.1.9:5160;branch=z9hG4bK030dc571;rport=26462;received=<CORPORATE OFFICE PUBLIC IP>

From: <sip:60751@sip.sg.didlogic.net>;tag=as6df6d977

To: <sip:60751@sip.sg.didlogic.net>;tag=b27e1a1d33761e85846fc98f5f3a7e58.2fbb

Call-ID: 005dbc8238e06ac421ef613a3b55e134@127.0.0.1

CSeq: 168 REGISTER

Contact: <sip:6531590313@<CORPORATE OFFICE PUBLIC IP>:26462>;expires=120;received="sip:<CORPORATE OFFICE PUBLIC IP>:26462"

Content-Length: 0

<————————->

— (8 headers 0 lines) —

[2020-12-20 07:09:52] NOTICE[2366]: chan _sip.c:24961 handle _response _register: Outbound Registration: Expiry for sip.sg.didlogic.net is 120 sec (Scheduling reregistration in 105 s)

Really destroying SIP dialog ’005dbc8238e06ac421ef613a3b55e134@127.0. 0.1’ Method: REGISTER

Reliably Transmitting (NAT) to 107.6.123.181:5060:

OPTIONS sip:sip.sg.didlogic.net SIP/2.0

Via: SIP/2.0/UDP 192.168.1.9:5160;branch=z9hG4bK25d81863;rport

Max-Forwards: 70

From: "Unknown" <sip:60751@192.168.1.9:5160>;tag=as3a8d9861

To: <sip:sip.sg.didlogic.net>

Contact: <sip:60751@192.168.1.9:5160>

Call-ID: 4f9667021511db2968a0dc9964673ac9@192.168.1.9:5160

CSeq: 102 OPTIONS

User-Agent: FPBX-15.0.16.81(16.13.0)

Date: Sun, 20 Dec 2020 07:10:07 GMT

Allow: INVITE, ACK, CANCEL, OPTIONS, BYE, REFER, SUBSCRIBE, NOTIFY, INFO, PUBLISH, MESSAGE

Supported: replaces, timer

Content-Length: 0

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—

<— SIP read from UDP:107.6.123.181:5060 —>

SIP/2.0 200 OK

Via: SIP/2.0/UDP 192.168.1.9:5160;branch=z9hG4bK25d81863;rport=26462;received=<CORPORATE OFFICE PUBLIC IP>

From: "Unknown" <sip:60751@192.168.1.9:5160>;tag=as3a8d9861

To: <sip:sip.sg.didlogic.net>;tag=b27e1a1d33761e85846fc98f5f3a7e58.a139

Call-ID: 4f9667021511db2968a0dc9964673ac9@192.168.1.9:5160

CSeq: 102 OPTIONS

Content-Length: 0

<————————->

— (7 headers 0 lines) —

Really destroying SIP dialog ’4f9667021511db2968a0dc9964673ac9@192.16 8.1.9:5160’ Method: OPTIONS

<— SIP read from UDP:107.6.123.181:5060 —>

<————————->

<— SIP read from UDP:107.6.123.181:5060 —>

<————————->

Reliably Transmitting (NAT) to 107.6.123.181:5060:

OPTIONS sip:sip.sg.didlogic.net SIP/2.0

Via: SIP/2.0/UDP 192.168.1.9:5160;branch=z9hG4bK443d3196;rport

Max-Forwards: 70

From: "Unknown" <sip:60751@192.168.1.9:5160>;tag=as5d241373

To: <sip:sip.sg.didlogic.net>

Contact: <sip:60751@192.168.1.9:5160>

Call-ID: 201fab2b13e08922618f34911ce37ce0@192.168.1.9:5160

CSeq: 102 OPTIONS

User-Agent: FPBX-15.0.16.81(16.13.0)

Date: Sun, 20 Dec 2020 07:11:07 GMT

Allow: INVITE, ACK, CANCEL, OPTIONS, BYE, REFER, SUBSCRIBE, NOTIFY, INFO, PUBLISH, MESSAGE

Supported: replaces, timer

Content-Length: 0

—

<— SIP read from UDP:107.6.123.181:5060 —>

SIP/2.0 200 OK

Via: SIP/2.0/UDP 192.168.1.9:5160;branch=z9hG4bK443d3196;rport=26462;received=<CORPORATE OFFICE PUBLIC IP>

From: "Unknown" <sip:60751@192.168.1.9:5160>;tag=as5d241373

To: <sip:sip.sg.didlogic.net>;tag=b27e1a1d33761e85846fc98f5f3a7e58.19e3

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Call-ID: 201fab2b13e08922618f34911ce37ce0@192.168.1.9:5160

CSeq: 102 OPTIONS

Content-Length: 0

<————————->

— (7 headers 0 lines) —

Really destroying SIP dialog ’201fab2b13e08922618f34911ce37ce0@192.16 8.1.9:5160’ Method: OPTIONS

<— SIP read from UDP:107.6.123.181:5060 —>

freepbx*CLI>

SECTION 11: FINAL WORKING CONFIGURATION

==========

I changed pjsip extension password to 8 characters, numeric only. My Cisco 7960 IP phone still can’t register on Asterisk PBX server.

Now, login to Teo En Ming’s Asterisk VoIP IP PBX SIP Server at 192.168.1.9.

Click Applications > Extensions

Click the pencil icon to edit extension 1600.

Click the Advanced tab.

You MUST make sure "Force rport" is set to No. OTHERWISE, YOUR CISCO 79XX IP PHONE WILL NOT REGISTER ON YOUR ASTERISK PBX SERVER.

Click Submit.

Click Apply Config. VERY IMPORTANT! MUST CLICK THIS BUTTON!

My Cisco 7960 IP phone now ***SUCCESSFULLY*** registers on my Asterisk PBX server, using PJSIP extension 1600. There is no more "X" next to line 1 button on the phone.

Yes, my Cisco 7960 IP phone now ***SUCCESSFULLY*** registers on my Asterisk PBX server, using PJSIP extension 1600. Repeat for emphasis.

I can now make outgoing phone calls on my Cisco 7960 IP phone.

SECTION 12: CAVEATS

==========

I can now make outgoing phone calls on my Cisco 7960 IP phone.

However, if Voicemail in my extension configuration is set to Disabled, and when I try to dial my DID number, it says "Number not valid".

Only when I change Voicemail to Enabled, and when I try to dial my DID number, it says:

"The person at extension 1600 is unavailable. Please leave your message after the tone, when done hang up or press the # key."

It seems that incoming calls will not be routed to extension 1600.

I will need to do more troubleshooting on this at a future date.

SECTION 13: TIPS

==========

When you make modifications to Asterisk configuration files, you need to issue the following commands to make changes take effect.

asterisk -vvvr

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freepbx*CLI> core reload

SECTION 14: TROUBLESHOOTING

==========

Run tcpdump on your Asterisk PBX server.

tcpdump -i eth0 -vvv | grep -v ssh

tcpdump output:

07:26:28.535667 IP (tos 0x10, ttl 128, id 0, offset 0, flags [none], proto UDP (17), length 337)

pfSense.teo-en-ming-corp.com.bootps > 255.255.255.255.bootpc: [udp sum ok] BOOTP/DHCP, Reply, length 309, xid 0x84c060a6, Flags [Broadcast] (0x8000)

Your-IP 192.168.1.130

Client-Ethernet-Address 00:0e:84:c0:60:a6 (oui Unknown)

Vendor-rfc1048 Extensions

Magic Cookie 0x63825363

DHCP-Message Option 53, length 1: ACK

Server-ID Option 54, length 4: pfSense.teo-en-ming-corp.com

Lease-Time Option 51, length 4: 5636

Subnet-Mask Option 1, length 4: 255.255.255.0

TFTP Option 66, length 11: "192.168.1.9"

Domain-Name-Server Option 6, length 4: pfSense.teo-en-ming-corp.com

Default-Gateway Option 3, length 4: pfSense.teo-en-ming-corp.com

Domain-Name Option 15, length 20: "teo-en-ming-corp.com"

END Option 255, length 0

07:26:30.803900 IP (tos 0x60, ttl 64, id 1960, offset 0, flags [none], proto UDP (17), length 542)

192.168.1.130.51098 > freepbx.sangoma.local.sip: [no cksum] SIP, length: 514

REGISTER sip:192.168.1.9 SIP/2.0

Via: SIP/2.0/UDP 192.168.1.130:5060;branch=z9hG4bK5ab98907

From: <sip:1600@192.168.1.9>;tag=000e84c060a60002421e8cdc-0e061182

To: <sip:1600@192.168.1.9>

Call-ID: 000e84c0-60a60002-3cf23940-64dcadcc@192.168.1.130

Max-Forwards: 70

CSeq: 101 REGISTER

User-Agent: Cisco-CP7960G/8.0

Contact: <sip:1600@192.168.1.130:5060;user=phone;transport=udp>;+sip.instance="<urn:uu id:00000000-0000-0000-0000-000e84c060a6>";+u.sip!model.ccm.cisco.co m="7"

Content-Length: 0

Expires: 120

07:26:30.804791 IP (tos 0x60, ttl 64, id 33765, offset 0, flags [DF], proto UDP (17), length 535)

freepbx.sangoma.local.sip > 192.168.1.130.sip: [bad udp cksum 0x85f0 -> 0xc369!] SIP, length: 507

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SIP/2.0 401 Unauthorized

Via: SIP/2.0/UDP 192.168.1.130:5060;received=192.168.1.130;branch=z9hG4bK5ab98907

Call-ID: 000e84c0-60a60002-3cf23940-64dcadcc@192.168.1.130

From: <sip:1600@192.168.1.9>;tag=000e84c060a60002421e8cdc-0e061182

To: <sip:1600@192.168.1.9>;tag=z9hG4bK5ab98907

CSeq: 101 REGISTER

WWW-Authenticate: Digest realm="asterisk",nonce="1608794790/f4dc9 767e5f40180ee8cb4cd78bd9d3e",opaque="4cf0-2bb020c6e7ae",algorithm=md5,qop="a uth"

Server: FPBX-15.0.16.81(16.13.0)

Content-Length: 0

07:26:30.900961 IP (tos 0x60, ttl 64, id 1961, offset 0, flags [none], proto UDP (17), length 795)

192.168.1.130.51098 > freepbx.sangoma.local.sip: [no cksum] SIP, length: 767

REGISTER sip:192.168.1.9 SIP/2.0

Via: SIP/2.0/UDP 192.168.1.130:5060;branch=z9hG4bK10cd9d0e

From: <sip:1600@192.168.1.9>;tag=000e84c060a60002421e8cdc-0e061182

To: <sip:1600@192.168.1.9>

Call-ID: 000e84c0-60a60002-3cf23940-64dcadcc@192.168.1.130

Max-Forwards: 70

CSeq: 102 REGISTER

User-Agent: Cisco-CP7960G/8.0

Contact: <sip:1600@192.168.1.130:5060;user=phone;transport=udp>;+sip.instance="<urn:uu id:00000000-0000-0000-0000-000e84c060a6>";+u.sip!model.ccm.cisco.co m="7"

Authorization: Digest username="1600",realm="asterisk",uri="si p:192.168.1.9",response="40ae56341397370a-90d6720f19562523",nonce="160879479 0/f4dc9767e5f40180ee8cb4cd78bd9d3e",opaque="4cf0-2bb020c6e7ae",cnonce="61cdc fdc",qop=auth,nc=00000001,algorithm=md5

Content-Length: 0

Expires: 120

07:26:30.902283 IP (tos 0x60, ttl 64, id 33830, offset 0, flags [DF], proto UDP (17), length 494)

freepbx.sangoma.local.sip > 192.168.1.130.sip: [bad udp cksum 0x85c7 -> 0x7d06!] SIP, length: 466

SIP/2.0 200 OK

Via: SIP/2.0/UDP 192.168.1.130:5060;received=192.168.1.130;branch=z9hG4bK10cd9d0e

Call-ID: 000e84c0-60a60002-3cf23940-64dcadcc@192.168.1.130

From: <sip:1600@192.168.1.9>;tag=000e84c060a60002421e8cdc-0e061182

To: <sip:1600@192.168.1.9>;tag=z9hG4bK10cd9d0e

CSeq: 102 REGISTER

Date: Thu, 24 Dec 2020 07:26:30 GMT

Contact: <sip:1600@192.168.1.130:51098;user=phone>;expires=119

Expires: 120

Server: FPBX-15.0.16.81(16.13.0)

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Content-Length: 0

SECTION 15 : ONLINE DISCUSSIONS AND YOUTUBE VIDEOS FOR READING AND WATCHING LATER

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Post: Cisco 7960 SIP Registration Problem

Link: https://community.freepbx.org/t/cisco-7960-sip-registration-problem/19110

Post: Updated FreePBX install instructions for Chan-SCCP-B

Link: https://community.freepbx.org/t/updated-freepbx-install-instructions-for-chan-s ccp-b/37077

Post: How to get FreePBX to work with Cisco 7960

Link: https://community.freepbx.org/t/how-to-get-freepbx-to-work-with-cisco-7960/2019 5

Post: Cisco 7940 registration problem RESOLVED

Link: https://community.freepbx.org/t/cisco-7940-registration-problem-resolved/30285

Post: Help with registering Cisco 7940s in FreePBX

Link: https://community.freepbx.org/t/help-with-registering-cisco-7940s-in-freepbx/30 555/4

Post: HELP! I can't get my Cisco CP-7960G IP hardphone to register on my Asterisk VoIP IP PBX SIP Server with FreePBX GUI

Link: https://community.freepbx.org/t/help-i-cant-get-my-cisco-cp-7960g-ip-hardphone- to-register-on-my-asterisk-voip-ip-pbx-sip-server-with-freepbx-gui/72162

Post: Can not get Cisco Phones to Register

Link: https://community.freepbx.org/t/can-not-get-cisco-phones-to-register/48784/21

Youtube: Cisco 7942g IP Phone Configuration on FreePBX In-Depth(Without Endpoint Manager)

Link: https://www.youtube.com/watch?v=gk6w8O3fZlc &feature=youtu.be

Mr. Turritopsis Dohrnii Teo En Ming, 42 years old as of 24 December 2020 Thursday Christmas Eve, is a TARGETED INDIVIDUAL (TI) living in Singapore. He is an IT Consultant with a System Integrator (SI)/computer firm in Singapore. He is an IT enthusiast.

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3. https://lkml.org/lkml/2020/12/24/82
4. http://lkml.iu.edu/hypermail/linux/kernel/2012.3/00081.html
5. https://marc.info/?l=linux-kernel&m=160879957428376&w=2
6. https://lwn.net/ml/linux-kernel/1aa82a4137514f65d417a47a57483bc0%40teo-en-ming.com/
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3. https://www.scribd.com/document/488744017/Turritopsis-Dohrnii-Teo-En-Ming-Blog-Book-20-Dec-2020
4. https://www.yumpu.com/en/document/read/65122027/turritopsis-dohrnii-teo-en-ming-blog-book-20-dec-2020

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The Milky Way is probably full of dead civilizations (2020-12-24 17:14) - Turritopsis Dohrnii Teo En Ming

Link: [1]https://www.livescience.com/milky-way-alien-life-map.html

1. `https://www.livescience.com/milky-way-alien-life-map.html`

27 civil society organisations jointly urge President Halimah Yacob to convene COI to review Singapore's justice system in open letter (2020-12-24 17:12) - Turritopsis Dohrnii Teo En Ming

Link: [1]https://www.onlinecitizenasia.com/2020/12/18/27-civil-society-or ganisations-jointly-urge-president-halimah-yacob-to-convene-coi-to-review-singa pores-justice-system-in-open-letter/

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I am not sure whether my Microsoft 365 account has been compromised (2020-12-24 17:09) - Turritopsis Dohrnii Teo En Ming

Subject: I am not sure whether my Microsoft 365 account has been compromised

Good day from Singapore,

I am not sure whether my Microsoft 365 account has been compromised. On the morning of 21 December 2020 Monday, between 9.29 AM and 10.34 AM Singapore Time, I received 16 Microsft verification code SMSes in total. In addition, I also received 2 Microsoft verification phone calls from +18553308653 (US phone number) at 9.43 AM and 10.12 AM Singapore Time. I received all of these on my NEW mobile number +65 XXXX XX80.

Based on the above information, I assumed that the hacker had already correctly guessed my password before proceeding to send me Microsoft verification code SMSes and Microsoft verification phone calls.

When I login to my Microsoft 365 account, I realized that my registered mobile mumber is still tied to my OLD mobile number +65 XXXX XX24.

This means that if the hacker is trying to access my Microsoft 365 account, Microsoft verification code SMSes and Microsoft verification phone calls should be directed to my OLD mobile number +65 XXXX XX24 instead of my NEW mobile number +65 XXXX XX80.

I took over the NEW mobile number +65 XXXX XX80 on 2nd July 2020 and my OLD mobile number +65 XXXX XX24 was subsequently terminated sometime in August 2020.

Could it be that the previous subscriber of my NEW mobile number +65 XXXX XX80 was trying to access his Microsoft 365 account? Which is why I received 16 Microsoft verification code SMSes and 2 Microsoft verification phone calls on my NEW mobile number +65 XXXX XX80?

I have not changed my registered mobile number in my Microsoft 365 account to my NEW mobile number yet.

Mr. Turritopsis Dohrnii Teo En Ming, 42 years old as of 22nd December 2020 Tuesday, is a TARGETED INDIVIDUAL (TI) living in Singapore. He is an IT Consultant with a System Integrator (SI)/computer firm in Singapore. He is an IT enthusiast.

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Best Open Source Secure Email Gateway Packages (2020-12-24 17:07) - Turritopsis Dohrnii Teo En Ming

Link: [1]https://linuxhint.com/best _open _source _secure _email _gateway/

1. `https://linuxhint.com/best_open_source_secure_email_gateway/`

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NASA scientists achieve long-distance ’quantum teleportation’ over 27 miles for the first time – paving the way for unhackable networks that transfer data faster than the speed of light

(2020-12-24 17:05) - Turritopsis Dohrnii Teo En Ming

Subject: NASA scientists achieve long-distance ’quantum teleportation’ over 27 miles for the first time – paving the way for unhackable networks that transfer data faster than the speed of light

Good day from Singapore,

I am sharing the below news article:

News Article: NASA scientists achieve long-distance ’quantum teleportation’ over 27 miles for the first time – paving the way for unhackable networks that transfer data faster than the speed of light

Author: JOE PINKSTONE FOR MAILONLINE

Date Published: 22 December 2020

Link: https://www.dailymail.co.uk/sciencetech/article-9078855/NASA-scientists-achie ve-long-distance-quantum-teleportation-time.html

Publisher: MailOnline UK

Synopis:

- Scientists built a 27-mile long prototype quantum internet in the US

- They successfully used quantum entanglement to teleport signals instantly

- The phenomenon sees qubits, the quantum equivalent of computer bits, pair up and respond instantly

Scientists have demonstrated long-distance ’quantum teleportation’ – the instant transfer of units of quantum information known as qubits – for the first time.

The qubits were transferred faster than the speed of light over a distance of 27 miles, laying the foundations for a quantum internet service, which could one day revolutionise computing.

Quantum communication systems are faster and more secure than regular networks because they use photons rather than computer code, which can be hacked.

But their development relies on cutting-edge scientific theory which transforms our understanding of how computers work.

In a quantum internet, information stored in qubits (the quantum equivalent of computer bits) is shuttled, or ’teleported’, over long distances through entanglement.

Entanglement is a phenomenon whereby two particles are linked in such a way that information shared with one is shared with the other at exactly the same time.

This means that the quantum state of each particle is dependent on the state of the other – even when they are separated by a large distance.

Quantum teleportation, therefore, is the transfer of quantum states from one location to the other.

However, it is highly sensitive to environmental interference that can easily disrupt the quality or ’fidelity’ of teleportation, so proving the theory in practice has been technologically challenging.

In their latest experiment, researchers from Caltech, NASA, and Fermilab (Fermi National Accelerator Laboratory) built a unique system between two labs separated by 27 miles (44km).

The system comprises three nodes which interact with one another to trigger a sequence of qubits, which pass a signal from one place to the other instantly.

The ’teleportation’ is instant, occurring faster than the speed of light, and the researchers reported a fidelity of more than 90 percent, according to the new study, published in PRX Quantum.

Fidelity is used to measure how close the resulting qubit signal is to the original message that was sent.

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'This high fidelity is important especially in the case of quantum networks designed to connect advanced quantum devices, including quantum sensors,' explains Professor Maria Spiropulu from Caltech.

The findings of the project are crucial to hopes of a future quantum internet as well as pushing the boundaries of what scientists known about the quantum realm.

Although the technology is yet to reach the point of being rolled out beyond sophisticated tests such as this, there are already plans for how policy makers will employ the technology.

For example, the US Department of Energy hopes to erect a quantum network between its laboratories across the states.

The power of a quantum computer running on quantum internet will likely exceed the speeds of the world's current most sophisticated supercomputers by around 100 trillion times.

'People on social media are asking if they should sign up for a quantum internet provider (jokingly of course),' Professor Spiropulu told Motherboard.

'We need (a lot) more R &D work.'

WHAT IS QUANTUM ENTANGLEMENT?

In quantum physics, entangled particles remain connected so that actions performed by one affects the behaviour of the other, even if they are separated by huge distances.

This means if you measure, 'up' for the spin of one photon from an entangled pair, the spin of the other, measured an instant later, will be 'down' - even if the two are on opposite sides of the world.

Entanglement takes place when a part of particles interact physically.

For instance, a laser beam fired through a certain type of crystal can cause individual light particles to be split into pairs of entangled photons.

The theory that so riled Einstein is also referred to as 'spooky action at a distance'.

Einstein wasn't happy with theory, because it suggested that information could travel faster than light.

Mr. Turritopsis Dohrnii Teo En Ming, 42 years old as of 23rd December 2020 Wednesday, is a TARGETED INDIVIDUAL (TI) living in Singapore. He is an IT Consultant with a System Integrator (SI)/computer firm in Singapore. He is an IT enthusiast.

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6. http://lists.linuxfromscratch.org/pipermail/lfs-chat/2020-December/029173.html

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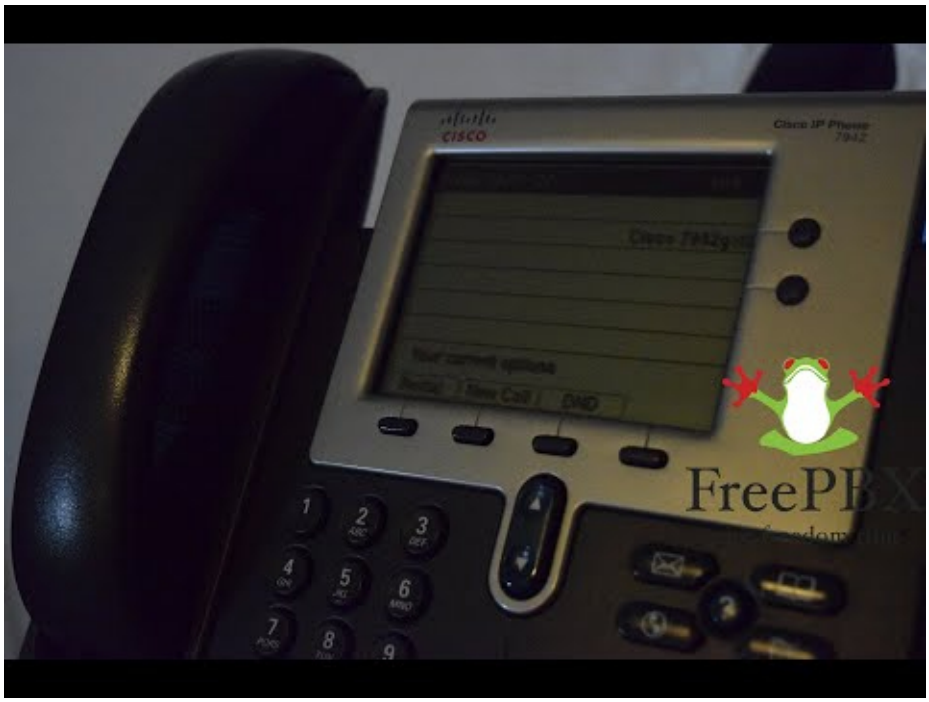
[YOUTUBE] Cisco 7942g IP Phone Configuration on FreePBX In-Depth(Without Endpoint Manager) (2020-12-24 17:02) - Turritopsis Dohrnii Teo En Ming



IFRAME: [1]https://www.youtube.com/embed/gk6w8O3fZlc

1. `https://www.youtube.com/embed/gk6w8O3fZlc`

Teo En Ming's Blog Book (Version 20 Dec 2020) Available for Download (2020-12-20 16:39) - Turritopsis Dohrnii Teo En Ming

Subject: Teo En Ming's Blog Book (Version 20 Dec 2020) Available for Download

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[1] [1]https://drive.google.com/file/d/1-s _0L88luQ-Hp-ymqAwuqSLUMpTeK5Id/view?usp=sharing

[2] [2]https://drive.google.com/file/d/1ahfJiS7rRIzYi2-cnAN2NEqocWhSWgSD/view ?usp=sharing

[3] [3]https://drive.google.com/file/d/1aSm3JIVA5eYpigZEBB5g7KGLTN-u-cSj/view ?usp=sharing

[4] [4]https://drive.google.com/file/d/1C3XtnJiQwFuCBW9cRPXF08xl0rXeMA9p/view ?usp=sharing

[5] [5]https://drive.google.com/file/d/1fWPijQqNxpCwalrvvXXjp1Q9ikfXKcLd/view ?usp=sharing

[6] [6]https://drive.google.com/file/d/10o8WCMiPEq2fUVQR0yK3wZyusnD3hvxU/view ?usp=sharing

[7] [7]https://drive.google.com/file/d/1vERDfsQk4jSvZSuKKrdpOyQG28Cgbk4g/view ?usp=sharing

1. https://drive.google.com/file/d/1-s_0L88luQ-Hp-ymqAwuqSLUMpTeK5Id/view?usp=sharing
2. https://drive.google.com/file/d/1ahfJiS7rRIzYi2-cnAN2NEqocWhSWgSD/view?usp=sharing
3. https://drive.google.com/file/d/1aSm3JIVA5eYpigZEBB5g7KGLTN-u-cSj/view?usp=sharing
4. https://drive.google.com/file/d/1C3XtnJiQwFuCBW9cRPXF08xl0rXeMA9p/view?usp=sharing
5. https://drive.google.com/file/d/1fWPijQqNxpCwalrvvXXjp1Q9ikfXKcLd/view?usp=sharing
6. https://drive.google.com/file/d/10o8WCMiPEq2fUVQR0yK3wZyusnD3hvxU/view?usp=sharing
7. https://drive.google.com/file/d/1vERDfsQk4jSvZSuKKrdpOyQG28Cgbk4g/view?usp=sharing

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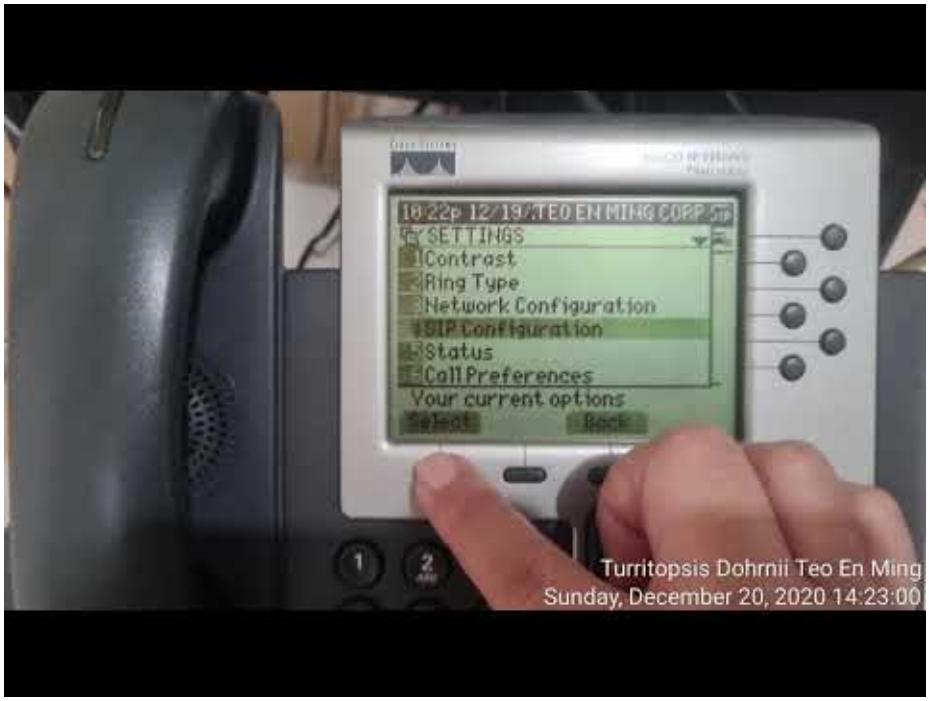
[YOUTUBE] HELP! I cannot get my Cisco 7960 IP Phone to Register on my Asterisk VoIP IP PBX SIP Server (2020-12-20 16:09) - Turritopsis Dohrnii Teo En Ming



IFRAME: [1]https://www.youtube.com/embed/ip _F08jmmio

1. `https://www.youtube.com/embed/ip_F08jmmio`

HELP! I can’t get my Cisco CP-7960G IP hardphone to register on my Asterisk VoIP IP PBX SIP Server with FreePBX GUI (2020-12-20 16:07) - Turritopsis Dohrnii Teo En Ming

Subject: HELP! I can’t get my Cisco CP-7960G IP hardphone to register on my Asterisk VoIP IP PBX SIP Server with FreePBX GUI

Good day from Singapore,

My Asterisk version: 16.13.0

My FreePBX version: 15.0.16.81

On 7 December 2020, I was able to get Bria softphone to work with my Asterisk PBX server successfully.

On 19 December 2020, I bought a refurbished Cisco CP-7960G IP hardphone for SGD $30 in Singapore. I have tried all of the following steps, but I simply can’t get my Cisco CP-7960G IP phone to register on my Asterisk PBX server.

TFTP works though. My DHCP server in my pfSense firewall applaince is able to assign my Cisco 7960 IP phone with an IP address with DHCP option 66 (TFTP server). My Cisco 7960 IP phone is able to connect to my TFTP server on my Asterisk PBX appliance and download firmware and configuration files successfully. However, it simply cannot register on my Asterisk PBX server.

You can watch my Youtube video at

https://www.youtube.com/watch?v=ip _F08jmmio

Appreciate your kind assistance.

Thank you very much.

STEPS I HAVE TRIED

==========

Reference Guide: Configure Asterisk with Cisco IP Phones

Link: http://docshare02.docshare.tips/files/6706/67061980.pdf

SECTION: INSTALLING TFTP SERVER ON ASTERISK PBX APPLIANCE

==========

Putty/ssh into Teo En Ming’s Asterisk VoIP IP PBX SIP Server at 192.168.1.9.

yum install tftp-server

Package tftp-server-5.2-23.8.sng7.x86 _64 already installed and latest version

chkconfig xinetd on

chkconfig tftp on

systemctl start tftp.service

ps -ef | grep tftp

root 3424 1 0 11:17 ? 00:00:00 /usr/sbin/in.tftpd -s /tftpboot

SECTION: DOWNLOADING CISCO 7960 IP PHONE SIP FIRMWARE

==========

cd /tftpboot

wget http://www.firewall.cx/downloads/cisco-tools-a-applications/cisco-ip-phone-a-at a-firmware-downloads/107-7940-a-7960-ip-phone-sccp-a-sip/file.html

mv file.html file.zip

unzip file.zip

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cd 7940 _7960/

cd SIP/

tar -xf P0S3-8-12-00.tar

rm P0S3-8-12-00.tar

mv * /tftpboot/

cd /tftpboot/

[root@freepbx tftpboot] # ls

7940 _7960 file.zip OS79XX.TXT P003-8-12-00.bin P003-8-12-00.sbn P0S3-8-12-00.loads P0S3-8-12-00.sb2

SECTION: CREATING CISCO 7960 IP PHONE CONFIGURATION FILES

==========

nano OS79XX.TXT (Create configuration file)

==========

P003-8-12-00

nano XMLDefault.cnf.xml (Create configuration file)

==========

<Default>

<callManagerGroup>

<members>

<member priority="0">

<callManager>

<ports>

<ethernetPhonePort>2000</ethernetPhonePort>

<mgcpPorts>

<listen>2427</listen>

<keepAlive>2428</keepAlive>

</mgcpPorts>

</ports>

<processNodeName></processNodeName>

</callManager>

</member>

</members>

</callManagerGroup>

<loadInformation8 model="IP Phone 7940">P0S3-8-12-00</loadInformation8>

<loadInformation7 model="IP Phone 7960">P0S3-8-12-00</loadInformation7>

<loadInformation435 model="Cisco 7945">SIP45.8-4-2S</loadInformation435>

<loadInformation436 model=”Cisco 7965”>SIP45.8-4-2S</loadInformation436>

<loadInformation30006 model="IP Phone 7970">SIP70.8-0-3S</loadInformation30006>

<authenticationURL></authenticationURL>

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<directoryURL></directoryURL>

<idleURL></idleURL>

<informationURL></informationURL>

<messagesURL></messagesURL>

<servicesURL></servicesURL>

</Default>

nano SIPDefault.cnf (Create configuration file)

==========

image _version: "P0S3-8-12-00"

proxy1 _address: "192.168.1.9"

proxy2 _address: "xxx.xxx.xxx.xxx"

proxy3 _address: "xxx.xxx.xxx.xxx"

proxy4 _address: "xxx.xxx.xxx.xxx"

Proxy Server Port

proxy1 _port:"5060"

proxy2 _port:"5060"

proxy3 _port:"5060"

proxy4 _port:"5060"

proxy _emergency: ""

proxy _emergency _port: "5060"

proxy _backup: ""

proxy _backup _port: "5060"

outbound _proxy: ""

outbound _proxy _port: "5060"

nat _enable: "0"

nat _address: ""

voip _control _port: "5060"

start _media _port: "16348"

end _media _port: "20134"

nat _received _processing: "1"

dyn _dns _addr _1: ""

dyn _dns _addr _2: ""

dyn _tftp _addr: "192.168.1.9"

tftp _cfg _dir: "./"

proxy _register: "1"

timer _register _expires: "120"

preferred _codec: "none"

tos _media: "5"

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enable _vad: "0"

dial _template: "dialplan"

network _media _type: "auto"

autocomplete: "1"

telnet _level: "2"

cnf _join _enable: "1"

semi _attended _transfer: "0"

call _waiting: "1"

anonymous _call _block: "0"

callerid _blocking: "0"

dnd _control: "0"

dtmf _inband: "1"

dtmf _outofband: "avt"

dtmf _db _level: "3"

dtmf _avt _payload: "101"

timer _t1: "500"

timer _t2: "4000"

sip _retx: "10"

sip _invite _retx: "6"

timer _invite _expires: "180"

sntp _mode: "directedbroadcast"

sntp _server: "time-a-g.nist.gov"

time _zone: "8"

time _format _24hr: "0"

dst _offset: "0"

dst _start _month: "April"

dst _start _day: ""

dst _start _day _of _week: "Sun"

dst _start _week _of _month: "1"

dst _start _time: "2"

dst _stop _month: "Nov"

dst _stop _day: "1"

dst _stop _day _of _week: "Sunday"

dst _stop _week _of _month: ""

dst _stop _time: "2"

dst _auto _adjust: "1"

messages _uri: "*99"

services _url: "http://example.domain.ext/services/menu.xml"

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directory _url: "http://example.domain.ext/services/directory.php"

logo _url: "http://example.domain.ext/imagename.bmp"

http _proxy _addr: ""

http _proxy _port: ""

remote _party _id: 0

nano dialplan.xml (Create configuration file)

==========

<DIALTEMPLATE>

<TEMPLATE MATCH="*" Timeout="5"/> <!– Anything else –>

</DIALTEMPLATE>

nano RINGLIST.DAT (Create configuration file)

==========

FlintPhone FlintPhone.raw

HarpSynth HarpSynth.raw

Jamaica Jamaica.raw

Klaxons Klaxons.raw

KotoEffect KotoEffect.raw

MusicBox MusicBox.raw

Ohno Ohno.raw

Piano 1 Piano1.raw

Piano 2 Piano2.raw

nano SEP000E84C060A6.cnf.xml (Create configuration file)

==========

<device>

<deviceProtocol>SIP</deviceProtocol>

<loadInformation model="IP Phone 7960">P0S3-8-12-00</loadInformation>

</device>

nano SIP000E84C060A6.cnf (Create configuration file)

==========

proxy1 _address: "192.168.1.9"

proxy2 _address: "xxx.xxx.xxx.xxx"

proxy3 _address: "xxx.xxx.xxx.xxx"

proxy4 _address: "xxx.xxx.xxx.xxx"

line1 _name: "1600"

line1 _shortname: "TEO EN MING"

line1 _displayname: "TURRITOPSIS DOHRNII TEO EN MING"

line1 _authname: "1600"

line1 _password: "IP Phone Extension Password"

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line2 _name: ""

line2 _shortname: ""

line2 _displayname: ""

line2 _authname: "UNPROVISIONED"

line2 _password: "UNPROVISIONED"

line3 _name: ""

line3 _shortname: ""

line3 _displayname: ""

line3 _authname: "UNPROVISIONED"

line3 _password: "UNPROVISIONED"

line4 _name: ""

line4 _shortname:

line4 _displayname: ""

line4 _authname: "UNPROVISIONED"

line4 _password: "UNPROVISIONED"

line5 _name: ""

line5 _shortname: ""

line5 _displayname: ""

line5 _authname: "UNPROVISIONED"

line5 _password: "UNPROVISIONED"

line6 _name: ""

line6 _shortname: ""

line6 _displayname: ""

line6 _authname: "UNPROVISIONED"

line6 _password: "UNPROVISIONED"

proxy _emergency: ""

proxy _emergency _port: "5060"

proxy _backup: ""

proxy _backup _port: "5060"

outbound _proxy: ""

outbound _proxy _port: "5060"

nat _enable: "0"

nat _address: ""

voip _control _port: "5060"

start _media _port: "16348"

end _media _port: "20134"

nat _received _processing: "0"

phone _label: "TEO EN MING CORP "

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time _zone: 8

logo _url: "http://domain.ext/imagefile.bmp"

telnet _level: "2"

phone _prompt: "Cisco7960"

phone _password: "password"

enable _vad: "0"

network _media _type: "auto"

user _info: phone

SECTION: GETTING TFTP SERVER TO START AUTOMATICALLY UPON EVERY BOOT

==========

systemctl enable tftp

systemctl start tftp

[root@freepbx] # ps -ef | grep tftp

root 4097 1 0 02:24 ? 00:00:00 /usr/sbin/in.tftpd -s /tftpboot

SECTION: CONFIGURING PFSENSE FIREWALL'S DHCP SERVER WITH DHCP OPTION 66 (TFTP SERVER)

========== -
==========

Reference Guide: Chapter: Getting Started With Your Cisco SIP IP Phone (Version 3.0)

Link: https://www.cisco.com/c/en/us/td/docs/voice _ip _comm/cuipph/7960g _7940g/sip/3 _0/english/administration/guide/ver3 _0/install.html

[QUOTE]

Configuring Network Parameters

==========

Note This section describes how to configure the basic network parameters that are required for the phone to operate on the network. For a complete list of the network parameters that you can configure, see the "Modifying the Phone's Network Settings" section.

The network parameters include those parameters that must be configured on a phone for the phone to operate in an IP network. You can configure the required network parameters via DHCP or manually configure them after you have connected the phone to a power supply.

The following parameters must be defined for your phone to establish network connectivity:

•Phone's IP address

•Subnet mask

•Default gateway for the subnet (use "0.0.0.0" if not required)

•Domain name

•DNS server IP address (use "0.0.0.0" if not required)

•TFTP server IP address

When configuring the network parameters of an IP phone, adhere to the following guidelines:

•Use 0.0.0.0 for unused IP addresses.

•You can use 0.0.0.0 for the subnet mask only if the default gateway is also 0.0.0.0.

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•The TFTP server must have a nonzero IP address.

•The default gateway must be on the same subnet as the phone.

•The default gateway can be 0.0.0.0 only if the TFTP or DNS server is on the same subnet as the phone.

Note By default, DHCP is enabled on your phone. Before you can manually configure the network parameters, you must disable DHCP after connecting your phone to a power supply.

Configuring Network Parameters via a DHCP Server

==========

If you are using DHCP to configure the network parameters, configure the following DHCP options on your DHCP server before you connect your Cisco SIP IP phone:

•dhcp option #50 (IP address)

•dhcp option #1 (IP subnet mask)

•dhcp option #3 (Default IP gateway)

•dhcp option #15 (Domain name)

•dhcp option #6 (DNS server IP address)

•dhcp option #66 (TFTP server IP address)

[/QUOTE]

Reference Guide: pfSense Firewall DHCPv4 Server

Link: https://docs.netgate.com/pfsense/en/latest/services/dhcp/ipv4.html

Login to Teo En Ming's pfSense firewall appliance.

Click Services > DHCP Server.

At TFTP, click Display Advanced.

TFTP Server: 192.168.1.9

Please remember to click Save.

Then click Restart Service. You must restart the DHCP server for the changes to take effect.

SECTION: PERFORM FACTORY RESET ON CISCO 7960 IP PHONE

==========

Because I bought an used Cisco 7960 IP phone, I must factory reset it to clear all previous owner's settings.

Reference Guide: Reset 7900 Series IP Phones if Password is Set

Link: https://www.cisco.com/c/en/us/support/docs/voice-unified-communications/unifi ed-ip-phone-7900-series/15254-7960-default.html

[QUOTE]

Reset the 7940 and 7960 IP Phones to the Factory Default

==========

In order to perform a factory reset of a phone if the password is set, complete these steps:

Unplug the power cable from the phone, and then plug in the cable again.

The phone begins its power up cycle.

Immediately press and hold # and while the Headset, Mute, and Speaker buttons begin to flash in sequence, release #.

The Headset, Mute, and Speaker buttons flash in sequence in order to indicate that the phone waits for you to enter the key sequence for the reset.

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Press 123456789*0 # within 60 seconds after the Headset, Mute, and Speaker buttons begin to flash.

If you repeat a key within the sequence, for example, if you press 1223456789*0 #, the sequence is still accepted and the phone resets.

If you do not complete this key sequence or do not press any keys, after 60 seconds, the Headset, Mute, and Speaker buttons no longer flash, and the phone continues with its normal startup process. The phone does not reset.

If you enter an invalid key sequence, the buttons no longer flash, and the phone continues with its normal startup process. The phone does not reset.

If you enter this key sequence correctly, the phone displays this prompt:

Keep network cfg? 1 = yes 2 = no

In order to maintain the current network configuration settings for the phone when the phone resets, press 1. In order to reset the network configuration settings when the phone resets, press 2.

If you press another key or do not respond to this prompt within 60 seconds, the phone continues with its normal startup process and does not reset. Otherwise, the phone goes through the factory reset process.

[/QUOTE]

SECTION: TEMPORARILY DISABLE FREEPBX FIREWALL TO TEST TFTP CONNECTION

==========

Reference Guide: Firewall Command Line

Link: https://wiki.freepbx.org/display/FPG/Firewall+Command+Line

fwconsole firewall disable

[root@freepbx] # iptables -L

Chain INPUT (policy ACCEPT)

target prot opt source destination

Chain FORWARD (policy ACCEPT)

target prot opt source destination

Chain OUTPUT (policy ACCEPT)

target prot opt source destination

[root@freepbx] # iptables -S

-P INPUT ACCEPT

-P FORWARD ACCEPT

-P OUTPUT ACCEPT

[root@freepbx] # tail -f /var/log/messages

Dec 20 03:24:42 freepbx systemd: Started Tftp Server.

Dec 20 03:25:25 freepbx xinetd[939]: START: tftp pid=8213 from=192.168.1.130

Dec 20 03:25:25 freepbx in.tftpd[8214]: RRQ from 192.168.1.130 filename CTLSEP000E84C060A6.tlv

Dec 20 03:25:25 freepbx in.tftpd[8214]: Client 192.168.1.130 File not found CTLSEP000E84C060A6.tlv

Dec 20 03:25:25 freepbx in.tftpd[8215]: RRQ from 192.168.1.130 filename SEP000E84C060A6.cnf.xml

Dec 20 03:25:25 freepbx in.tftpd[8215]: Client 192.168.1.130 finished SEP000E84C060A6.cnf.xml

Dec 20 03:25:25 freepbx in.tftpd[8216]: RRQ from 192.168.1.130 filename P0S3-8-12-00.loads

Dec 20 03:25:25 freepbx in.tftpd[8216]: Client 192.168.1.130 finished P0S3-8-12-00.loads

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Dec 20 03:25:49 freepbx in.tftpd[8217]: RRQ from 192.168.1.130 filename SIPDefault.cnf

Dec 20 03:25:49 freepbx in.tftpd[8217]: Client 192.168.1.130 finished SIPDefault.cnf

Dec 20 03:25:49 freepbx in.tftpd[8218]: RRQ from 192.168.1.130 filename ./SIP000E84C060A6.cnf

Dec 20 03:25:49 freepbx in.tftpd[8218]: Client 192.168.1.130 finished ./SIP000E84C060A6.cnf

Dec 20 03:25:51 freepbx in.tftpd[8219]: RRQ from 192.168.1.130 filename RINGLIST.DAT

Dec 20 03:25:51 freepbx in.tftpd[8220]: RRQ from 192.168.1.130 filename dialplan.xml

Dec 20 03:25:51 freepbx in.tftpd[8219]: Client 192.168.1.130 finished RINGLIST.DAT

Dec 20 03:25:51 freepbx in.tftpd[8220]: Client 192.168.1.130 finished dialplan.xml

SECTION: ENABLE AND START THE FREEPBX FIREWALL FOR PRODUCTION USE

==========

[root@freepbx] # fwconsole firewall start

Enabling Firewall.

[root@freepbx] #

Broadcast message from root@freepbx.sangoma.local (Sun Dec 20 03:37:45 2020):

Firewall service now starting.

iptables -L

iptables -S

Login to FreePBX Dashboard.

Please check the following item:

System Firewall: Firewall Active

Power off and then power on the Cisco 7960 IP Phone.

[root@freepbx] # tail -f /var/log/messages

Dec 20 03:42:27 freepbx xinetd[939]: START: tftp pid=10209 from=192.168.1.130

Dec 20 03:42:27 freepbx in.tftpd[10210]: RRQ from 192.168.1.130 filename CTLSEP000E84C060A6.tlv

Dec 20 03:42:27 freepbx in.tftpd[10210]: Client 192.168.1.130 File not found CTLSEP000E84C060A6.tlv

Dec 20 03:42:28 freepbx in.tftpd[10211]: RRQ from 192.168.1.130 filename SEP000E84C060A6.cnf.xml

Dec 20 03:42:28 freepbx in.tftpd[10211]: Client 192.168.1.130 finished SEP000E84C060A6.cnf.xml

Dec 20 03:42:28 freepbx in.tftpd[10212]: RRQ from 192.168.1.130 filename P0S3-8-12-00.loads

Dec 20 03:42:28 freepbx in.tftpd[10212]: Client 192.168.1.130 finished P0S3-8-12-00.loads

Dec 20 03:42:51 freepbx in.tftpd[10286]: RRQ from 192.168.1.130 filename SIPDefault.cnf

Dec 20 03:42:51 freepbx in.tftpd[10286]: Client 192.168.1.130 finished SIPDefault.cnf

Dec 20 03:42:52 freepbx in.tftpd[10287]: RRQ from 192.168.1.130 filename ./SIP000E84C060A6.cnf

Dec 20 03:42:52 freepbx in.tftpd[10287]: Client 192.168.1.130 finished ./SIP000E84C060A6.cnf

Dec 20 03:42:53 freepbx in.tftpd[10288]: RRQ from 192.168.1.130 filename RINGLIST.DAT

Dec 20 03:42:53 freepbx in.tftpd[10288]: Client 192.168.1.130 finished RINGLIST.DAT

Dec 20 03:42:53 freepbx in.tftpd[10289]: RRQ from 192.168.1.130 filename dialplan.xml

Dec 20 03:42:53 freepbx in.tftpd[10289]: Client 192.168.1.130 finished dialplan.xml

Asterisk CLI Troubleshooting Commands

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==========

asterisk -vvvr

sip set debug on

sip show peers

Name/username Host Dyn Forcerport Comedia ACL Port Status Description

didlogic/60751 107.6.123.181 Yes Yes 5060 OK (7 ms)

1 sip peers [Monitored: 1 online, 0 offline Unmonitored: 0 online, 0 offline]

SECTION: ASTERISK PBX SERVER DEBUGGING OUTPUT

==========

asterisk -vvvr

sip set debug on

freepbx*CLI>

[2020-12-20 07:06:22] NOTICE[2366]: chan _sip.c:15893 sip _reregister: – Re-registration for 60751@sip.sg.didlogic.net

REGISTER 12 headers, 0 lines

Reliably Transmitting (NAT) to 107.6.123.181:5060:

REGISTER sip:sip.sg.didlogic.net SIP/2.0

Via: SIP/2.0/UDP 192.168.1.9:5160;branch=z9hG4bK3f11a8b8;rport

Max-Forwards: 70

From: <sip:60751@sip.sg.didlogic.net>;tag=as6df6d977

To: <sip:60751@sip.sg.didlogic.net>

Call-ID: 005dbc8238e06ac421ef613a3b55e134@127.0.0.1

CSeq: 165 REGISTER

Supported: replaces, timer

User-Agent: FPBX-15.0.16.81(16.13.0)

Authorization: Digest username="60751", realm="sip.sg.didlogic.net", algorithm=MD5, uri="sip:sip.sg.didlogic.net", nonce="X974SF/e9xyVB6XKqpfatDHcb8chw9fPak+Ke4A=", response="bfadacdd4e745fd4b9e12046e6ce2afc", qop=auth, cnonce="2b1b6d13", nc=00000003

Expires: 120

Contact: <sip:6531590313@192.168.1.9:5160>

Content-Length: 0

—

<— SIP read from UDP:107.6.123.181:5060 —>

SIP/2.0 200 OK

Via: SIP/2.0/UDP 192.168.1.9:5160;branch=z9hG4bK3f11a8b8;rport=26462;received=<CORPORATE OFFICE PUBLIC IP>

From: <sip:60751@sip.sg.didlogic.net>;tag=as6df6d977

To: <sip:60751@sip.sg.didlogic.net>;tag=b27e1a1d33761e85846fc98f5f3a7e58.4d21

Call-ID: 005dbc8238e06ac421ef613a3b55e134@127.0.0.1

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CSeq: 165 REGISTER

Contact: <sip:6531590313@<CORPORATE OFFICE PUBLIC IP>:26462>;expires=120;received="sip:<CORPORATE OFFICE PUBLIC IP>:26462"

Content-Length: 0

<————————->

— (8 headers 0 lines) —

[2020-12-20 07:06:22] NOTICE[2366]: chan _sip.c:24961 handle _response _register: Outbound Registration: Expiry for sip.sg.didlogic.net is 120 sec (Scheduling reregistration in 105 s)

Really destroying SIP dialog ’005dbc8238e06ac421ef613a3b55e134@127.0. 0.1’ Method: REGISTER

<— SIP read from UDP:107.6.123.181:5060 —>

<————————->

Reliably Transmitting (NAT) to 107.6.123.181:5060:

OPTIONS sip:sip.sg.didlogic.net SIP/2.0

Via: SIP/2.0/UDP 192.168.1.9:5160;branch=z9hG4bK51105854;rport

Max-Forwards: 70

From: "Unknown" <sip:60751@192.168.1.9:5160>;tag=as41ddf4a6

To: <sip:sip.sg.didlogic.net>

Contact: <sip:60751@192.168.1.9:5160>

Call-ID: 0b0605df4f4ca7b03402c9fd5a869606@192.168.1.9:5160

CSeq: 102 OPTIONS

User-Agent: FPBX-15.0.16.81(16.13.0)

Date: Sun, 20 Dec 2020 07:07:07 GMT

Allow: INVITE, ACK, CANCEL, OPTIONS, BYE, REFER, SUBSCRIBE, NOTIFY, INFO, PUBLISH, MESSAGE

Supported: replaces, timer

Content-Length: 0

—

<— SIP read from UDP:107.6.123.181:5060 —>

SIP/2.0 200 OK

Via: SIP/2.0/UDP 192.168.1.9:5160;branch=z9hG4bK51105854;rport=26462;received=<CORPORATE OFFICE PUBLIC IP>

From: "Unknown" <sip:60751@192.168.1.9:5160>;tag=as41ddf4a6

To: <sip:sip.sg.didlogic.net>;tag=b27e1a1d33761e85846fc98f5f3a7e58.f924

Call-ID: 0b0605df4f4ca7b03402c9fd5a869606@192.168.1.9:5160

CSeq: 102 OPTIONS

Content-Length: 0

<————————->

— (7 headers 0 lines) —

Really destroying SIP dialog ’0b0605df4f4ca7b03402c9fd5a869606@192.16 8.1.9:5160’ Method: OPTIONS

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<— SIP read from UDP:107.6.123.181:5060 —>

<————————->

<— SIP read from UDP:107.6.123.181:5060 —>

<————————->

Reliably Transmitting (NAT) to 107.6.123.181:5060:

OPTIONS sip:sip.sg.didlogic.net SIP/2.0

Via: SIP/2.0/UDP 192.168.1.9:5160;branch=z9hG4bK4ff08179;rport

Max-Forwards: 70

From: "Unknown" <sip:60751@192.168.1.9:5160>;tag=as004073f3

To: <sip:sip.sg.didlogic.net>

Contact: <sip:60751@192.168.1.9:5160>

Call-ID: 500c8eb32071e3fc462be80f243d38fc@192.168.1.9:5160

CSeq: 102 OPTIONS

User-Agent: FPBX-15.0.16.81(16.13.0)

Date: Sun, 20 Dec 2020 07:08:07 GMT

Allow: INVITE, ACK, CANCEL, OPTIONS, BYE, REFER, SUBSCRIBE, NOTIFY, INFO, PUBLISH, MESSAGE

Supported: replaces, timer

Content-Length: 0

—

<— SIP read from UDP:107.6.123.181:5060 —>

SIP/2.0 200 OK

Via: SIP/2.0/UDP 192.168.1.9:5160;branch=z9hG4bK4ff08179;rport=26462;received=<CORPORATE OFFICE PUBLIC IP>

From: "Unknown" <sip:60751@192.168.1.9:5160>;tag=as004073f3

To: <sip:sip.sg.didlogic.net>;tag=b27e1a1d33761e85846fc98f5f3a7e58.385d

Call-ID: 500c8eb32071e3fc462be80f243d38fc@192.168.1.9:5160

CSeq: 102 OPTIONS

Content-Length: 0

<————————->

— (7 headers 0 lines) —

Really destroying SIP dialog ’500c8eb32071e3fc462be80f243d38fc@192.16 8.1.9:5160’ Method: OPTIONS

[2020-12-20 07:08:07] NOTICE[2366]: chan _sip.c:15893 sip _reregister: – Re-registration for 60751@sip.sg.didlogic.net

REGISTER 12 headers, 0 lines

Reliably Transmitting (NAT) to 107.6.123.181:5060:

REGISTER sip:sip.sg.didlogic.net SIP/2.0

Via: SIP/2.0/UDP 192.168.1.9:5160;branch=z9hG4bK6d85e46f;rport

Max-Forwards: 70

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From: <sip:60751@sip.sg.didlogic.net>;tag=as6df6d977

To: <sip:60751@sip.sg.didlogic.net>

Call-ID: 005dbc8238e06ac421ef613a3b55e134@127.0.0.1

CSeq: 166 REGISTER

Supported: replaces, timer

User-Agent: FPBX-15.0.16.81(16.13.0)

Authorization: Digest username="60751", realm="sip.sg.didlogic.net", algorithm=MD5, uri="sip:sip.sg.didlogic.net", nonce="X974SF/e9xyVB6XKqpfatDHcb8chw9fPak+Ke4A=", response="074f1f037639144de751dc9231c191c9", qop=auth, cnonce="6eb58a86", nc=00000004

Expires: 120

Contact: <sip:6531590313@192.168.1.9:5160>

Content-Length: 0

—

<— SIP read from UDP:107.6.123.181:5060 —>

SIP/2.0 401 Unauthorized

Via: SIP/2.0/UDP 192.168.1.9:5160;branch=z9hG4bK6d85e46f;rport=26462;received=<CORPORATE OFFICE PUBLIC IP>

From: <sip:60751@sip.sg.didlogic.net>;tag=as6df6d977

To: <sip:60751@sip.sg.didlogic.net>;tag=b27e1a1d33761e85846fc98f5f3a7e58.e426

Call-ID: 005dbc8238e06ac421ef613a3b55e134@127.0.0.1

CSeq: 166 REGISTER

WWW-Authenticate: Digest realm="sip.sg.didlogic.net", nonce="X975g1/e+FcgTQnFYPwx5RQy4kH7puXka-mn2zYA=", qop="auth"

Content-Length: 0

<————————->

— (8 headers 0 lines) —

Responding to challenge, registration to domain/host name sip.sg.didlogic.net

REGISTER 12 headers, 0 lines

Reliably Transmitting (NAT) to 107.6.123.181:5060:

REGISTER sip:sip.sg.didlogic.net SIP/2.0

Via: SIP/2.0/UDP 192.168.1.9:5160;branch=z9hG4bK7f0ddbdc;rport

Max-Forwards: 70

From: <sip:60751@sip.sg.didlogic.net>;tag=as6df6d977

To: <sip:60751@sip.sg.didlogic.net>

Call-ID: 005dbc8238e06ac421ef613a3b55e134@127.0.0.1

CSeq: 167 REGISTER

Supported: replaces, timer

User-Agent: FPBX-15.0.16.81(16.13.0)

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Authorization: Digest username="60751", realm="sip.sg.didlogic.net", algorithm=MD5, uri="sip:sip.sg.didlogic.net", nonce="X975g1/e+FcgTQnFYPwx5RQy4kH7puXkamn2zYA=", response="c1184dab1dd50dad14cba70933b6bbaa", qop=auth, cnonce="4945f552", nc=00000001

Expires: 120

Contact: <sip:6531590313@192.168.1.9:5160>

Content-Length: 0

—

<— SIP read from UDP:107.6.123.181:5060 —>

SIP/2.0 200 OK

Via: SIP/2.0/UDP 192.168.1.9:5160;branch=z9hG4bK7f0ddbdc;rport=26462;received=<CORPORATE OFFICE PUBLIC IP>

From: <sip:60751@sip.sg.didlogic.net>;tag=as6df6d977

To: <sip:60751@sip.sg.didlogic.net>;tag=b27e1a1d33761e85846fc98f5f3a7e58.f557

Call-ID: 005dbc8238e06ac421ef613a3b55e134@127.0.0.1

CSeq: 167 REGISTER

Contact: <sip:6531590313@<CORPORATE OFFICE PUBLIC IP>:26462>;expires=120;received="sip:<CORPORATE OFFICE PUBLIC IP>:26462"

Content-Length: 0

<————————->

— (8 headers 0 lines) —

[2020-12-20 07:08:07] NOTICE[2366]: chan _sip.c:24961 handle _response _register: Outbound Registration: Expiry for sip.sg.didlogic.net is 120 sec (Scheduling reregistration in 105 s)

Really destroying SIP dialog ’005dbc8238e06ac421ef613a3b55e134@127.0. 0.1’ Method: REGISTER

<— SIP read from UDP:107.6.123.181:5060 —>

<————————->

<— SIP read from UDP:107.6.123.181:5060 —>

<————————->

Reliably Transmitting (NAT) to 107.6.123.181:5060:

OPTIONS sip:sip.sg.didlogic.net SIP/2.0

Via: SIP/2.0/UDP 192.168.1.9:5160;branch=z9hG4bK0f99cec8;rport

Max-Forwards: 70

From: "Unknown" <sip:60751@192.168.1.9:5160>;tag=as786e56f3

To: <sip:sip.sg.didlogic.net>

Contact: <sip:60751@192.168.1.9:5160>

Call-ID: 49595bb227bd6e390ca40ce6508308aa@192.168.1.9:5160

CSeq: 102 OPTIONS

User-Agent: FPBX-15.0.16.81(16.13.0)

Date: Sun, 20 Dec 2020 07:09:07 GMT

Allow: INVITE, ACK, CANCEL, OPTIONS, BYE, REFER, SUBSCRIBE, NOTIFY, INFO, PUBLISH, MESSAGE

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Supported: replaces, timer

Content-Length: 0

—

<— SIP read from UDP:107.6.123.181:5060 —>

SIP/2.0 200 OK

Via: SIP/2.0/UDP 192.168.1.9:5160;branch=z9hG4bK0f99cec8;rport=26462;received=<CORPORATE OFFICE PUBLIC IP>

From: "Unknown" <sip:60751@192.168.1.9:5160>;tag=as786e56f3

To: <sip:sip.sg.didlogic.net>;tag=b27e1a1d33761e85846fc98f5f3a7e58.e4fb

Call-ID: 49595bb227bd6e390ca40ce6508308aa@192.168.1.9:5160

CSeq: 102 OPTIONS

Content-Length: 0

<————————->

— (7 headers 0 lines) —

Really destroying SIP dialog ’49595bb227bd6e390ca40ce6508308aa@192.16 8.1.9:5160’ Method: OPTIONS

<— SIP read from UDP:107.6.123.181:5060 —>

<————————->

<— SIP read from UDP:107.6.123.181:5060 —>

<————————->

[2020-12-20 07:09:52] NOTICE[2366]: chan _sip.c:15893 sip _reregister: – Re-registration for 60751@sip.sg.didlogic.net

REGISTER 12 headers, 0 lines

Reliably Transmitting (NAT) to 107.6.123.181:5060:

REGISTER sip:sip.sg.didlogic.net SIP/2.0

Via: SIP/2.0/UDP 192.168.1.9:5160;branch=z9hG4bK030dc571;rport

Max-Forwards: 70

From: <sip:60751@sip.sg.didlogic.net>;tag=as6df6d977

To: <sip:60751@sip.sg.didlogic.net>

Call-ID: 005dbc8238e06ac421ef613a3b55e134@127.0.0.1

CSeq: 168 REGISTER

Supported: replaces, timer

User-Agent: FPBX-15.0.16.81(16.13.0)

Authorization: Digest username="60751", realm="sip.sg.didlogic.net", algorithm=MD5, uri="sip:sip.sg.didlogic.net", nonce="X975g1/e+FcgTQnFYPwx5RQy4kH7puXkamn2zYA=", response="b6e96ab578798296e812139c383ebbac", qop=auth, cnonce="6313e774", nc=00000002

Expires: 120

Contact: <sip:6531590313@192.168.1.9:5160>

Content-Length: 0

—

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<— SIP read from UDP:107.6.123.181:5060 —>

SIP/2.0 200 OK

Via: SIP/2.0/UDP 192.168.1.9:5160;branch=z9hG4bK030dc571;rport=26462;received=<CORPORATE OFFICE PUBLIC IP>

From: <sip:60751@sip.sg.didlogic.net>;tag=as6df6d977

To: <sip:60751@sip.sg.didlogic.net>;tag=b27e1a1d33761e85846fc98f5f3a7e58.2fbb

Call-ID: 005dbc8238e06ac421ef613a3b55e134@127.0.0.1

CSeq: 168 REGISTER

Contact: <sip:6531590313@<CORPORATE OFFICE PUBLIC IP>:26462>;expires=120;received="sip:<CORPORATE OFFICE PUBLIC IP>:26462"

Content-Length: 0

<————————->

— (8 headers 0 lines) —

[2020-12-20 07:09:52] NOTICE[2366]: chan _sip.c:24961 handle _response _register: Outbound Registration: Expiry for sip.sg.didlogic.net is 120 sec (Scheduling reregistration in 105 s)

Really destroying SIP dialog ’005dbc8238e06ac421ef613a3b55e134@127.0. 0.1’ Method: REGISTER

Reliably Transmitting (NAT) to 107.6.123.181:5060:

OPTIONS sip:sip.sg.didlogic.net SIP/2.0

Via: SIP/2.0/UDP 192.168.1.9:5160;branch=z9hG4bK25d81863;rport

Max-Forwards: 70

From: "Unknown" <sip:60751@192.168.1.9:5160>;tag=as3a8d9861

To: <sip:sip.sg.didlogic.net>

Contact: <sip:60751@192.168.1.9:5160>

Call-ID: 4f9667021511db2968a0dc9964673ac9@192.168.1.9:5160

CSeq: 102 OPTIONS

User-Agent: FPBX-15.0.16.81(16.13.0)

Date: Sun, 20 Dec 2020 07:10:07 GMT

Allow: INVITE, ACK, CANCEL, OPTIONS, BYE, REFER, SUBSCRIBE, NOTIFY, INFO, PUBLISH, MESSAGE

Supported: replaces, timer

Content-Length: 0

—

<— SIP read from UDP:107.6.123.181:5060 —>

SIP/2.0 200 OK

Via: SIP/2.0/UDP 192.168.1.9:5160;branch=z9hG4bK25d81863;rport=26462;received=<CORPORATE OFFICE PUBLIC IP>

From: "Unknown" <sip:60751@192.168.1.9:5160>;tag=as3a8d9861

To: <sip:sip.sg.didlogic.net>;tag=b27e1a1d33761e85846fc98f5f3a7e58.a139

Call-ID: 4f9667021511db2968a0dc9964673ac9@192.168.1.9:5160

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CSeq: 102 OPTIONS

Content-Length: 0

<————————->

— (7 headers 0 lines) —

Really destroying SIP dialog ’4f9667021511db2968a0dc9964673ac9@192.16 8.1.9:5160’ Method: OPTIONS

<— SIP read from UDP:107.6.123.181:5060 —>

<————————->

<— SIP read from UDP:107.6.123.181:5060 —>

<————————->

Reliably Transmitting (NAT) to 107.6.123.181:5060:

OPTIONS sip:sip.sg.didlogic.net SIP/2.0

Via: SIP/2.0/UDP 192.168.1.9:5160;branch=z9hG4bK443d3196;rport

Max-Forwards: 70

From: "Unknown" <sip:60751@192.168.1.9:5160>;tag=as5d241373

To: <sip:sip.sg.didlogic.net>

Contact: <sip:60751@192.168.1.9:5160>

Call-ID: 201fab2b13e08922618f34911ce37ce0@192.168.1.9:5160

CSeq: 102 OPTIONS

User-Agent: FPBX-15.0.16.81(16.13.0)

Date: Sun, 20 Dec 2020 07:11:07 GMT

Allow: INVITE, ACK, CANCEL, OPTIONS, BYE, REFER, SUBSCRIBE, NOTIFY, INFO, PUBLISH, MESSAGE

Supported: replaces, timer

Content-Length: 0

—

<— SIP read from UDP:107.6.123.181:5060 —>

SIP/2.0 200 OK

Via: SIP/2.0/UDP 192.168.1.9:5160;branch=z9hG4bK443d3196;rport=26462;received=<CORPORATE OFFICE PUBLIC IP>

From: "Unknown" <sip:60751@192.168.1.9:5160>;tag=as5d241373

To: <sip:sip.sg.didlogic.net>;tag=b27e1a1d33761e85846fc98f5f3a7e58.19e3

Call-ID: 201fab2b13e08922618f34911ce37ce0@192.168.1.9:5160

CSeq: 102 OPTIONS

Content-Length: 0

<————————->

— (7 headers 0 lines) —

Really destroying SIP dialog ’201fab2b13e08922618f34911ce37ce0@192.16 8.1.9:5160’ Method: OPTIONS

<— SIP read from UDP:107.6.123.181:5060 —>

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<————————->

[2020-12-20 07:11:37] NOTICE[2366]: chan _sip.c:15893 sip _reregister: – Re-registration for 60751@sip.sg.didlogic.net

REGISTER 12 headers, 0 lines

Reliably Transmitting (NAT) to 107.6.123.181:5060:

REGISTER sip:sip.sg.didlogic.net SIP/2.0

Via: SIP/2.0/UDP 192.168.1.9:5160;branch=z9hG4bK292b942b;rport

Max-Forwards: 70

From: <sip:60751@sip.sg.didlogic.net>;tag=as6df6d977

To: <sip:60751@sip.sg.didlogic.net>

Call-ID: 005dbc8238e06ac421ef613a3b55e134@127.0.0.1

CSeq: 169 REGISTER

Supported: replaces, timer

User-Agent: FPBX-15.0.16.81(16.13.0)

Authorization: Digest username="60751", realm="sip.sg.didlogic.net", algorithm=MD5, uri="sip:sip.sg.didlogic.net", nonce="X975g1/e+FcgTQnFYPwx5RQy4kH7puXkamn2zYA=", response="8305fa5eb2ec2396b7b618f40923e597", qop=auth, cnonce="043fc0dd", nc=00000003

Expires: 120

Contact: <sip:6531590313@192.168.1.9:5160>

Content-Length: 0

—

<— SIP read from UDP:107.6.123.181:5060 —>

SIP/2.0 200 OK

Via: SIP/2.0/UDP 192.168.1.9:5160;branch=z9hG4bK292b942b;rport=26462;received=<CORPORATE OFFICE PUBLIC IP>

From: <sip:60751@sip.sg.didlogic.net>;tag=as6df6d977

To: <sip:60751@sip.sg.didlogic.net>;tag=b27e1a1d33761e85846fc98f5f3a7e58.6c72

Call-ID: 005dbc8238e06ac421ef613a3b55e134@127.0.0.1

CSeq: 169 REGISTER

Contact: <sip:6531590313@<CORPORATE OFFICE PUBLIC IP>:26462>;expires=120;received="sip:<CORPORATE OFFICE PUBLIC IP>:26462"

Content-Length: 0

<————————->

— (8 headers 0 lines) —

[2020-12-20 07:11:37] NOTICE[2366]: chan _sip.c:24961 handle _response _register: Outbound Registration: Expiry for sip.sg.didlogic.net is 120 sec (Scheduling reregistration in 105 s)

Really destroying SIP dialog ’005dbc8238e06ac421ef613a3b55e134@127.0. 0.1’ Method: REGISTER

<— SIP read from UDP:107.6.123.181:5060 —>

<————————->

freepbx*CLI>

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SECTION: ONLINE DISCUSSIONS FOR READING LATER

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Post: Cisco 7960 SIP Registration Problem

Link: https://community.freepbx.org/t/cisco-7960-sip-registration-problem/19110

Mr. Turritopsis Dohrnii Teo En Ming, 42 years old as of 20 December 2020 Sunday, is a TARGETED INDIVIDUAL (TI) living in Singapore. He is an IT Consultant with a System Integrator (SI)/computer firm in Singapore. He is an IT enthusiast.

REFERENCES

==========

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[2] [2]https://lkml.org/lkml/2020/12/20/17

[3] [3]http://lkml.iu.edu/hypermail/linux/kernel/2012.2/03190.html

[4] [4]https://marc.info/?l=linux-kernel &m=160845017415788 &w=2

[5] [5]https://lwn.net/ml/linux-kernel/7848953149cc20f0f735782eb7683a09 %40teo-en-ming.com/

[6] [6]https://marc.info/?l=netfilter &m=160845026915789 &w=2

[7] [7]http://lists.linuxfromscratch.org/pipermail/lfs-chat/2020-December/029 171.html

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2. https://lkml.org/lkml/2020/12/20/17
3. http://lkml.iu.edu/hypermail/linux/kernel/2012.2/03190.html
4. https://marc.info/?l=linux-kernel&m=160845017415788&w=2
5. https://lwn.net/ml/linux-kernel/7848953149cc20f0f735782eb7683a09%40teo-en-ming.com/
6. https://marc.info/?l=netfilter&m=160845026915789&w=2
7. http://lists.linuxfromscratch.org/pipermail/lfs-chat/2020-December/029171.html

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[YOUTUBE] DJ AMBER NA S2O Taiwan Songkran Music Festival 2020 PART 2 (2020-12-20 16:04)

- Turritopsis Dohrnii Teo En Ming

IFRAME: [1]https://www.youtube.com/embed/M0FL3xe7amY

1. `https://www.youtube.com/embed/M0FL3xe7amY`

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Extended List of Enterprise Networking Devices Bought on 19 Dec 2020 Saturday and Earlier

(2020-12-20 16:02) - Turritopsis Dohrnii Teo En Ming

Subject: List of Enterprise Networking Devices Bought on 19 Dec 2020 Saturday and Earlier

Mr. Turritopsis Dohrnii Teo En Ming (42 year old Singapore Targeted Individual) bought the following enterprise networking devices on 19 Dec 2020 Saturday and earlier.

(1) Refurbished Fortigate 60E firewall appliance, SGD $170, serial number FGT60E*****46050 (bought on 19 Dec 2020 at Goldhill Plaza, Singapore)

(2) Refurbished Fortigate 60D firewall appliance, SGD $157, serial number FGT60D*****26935 (shipped from Japan to Toa Payoh, Singapore on 4 Aug 2020)

(3) Refurbished Sophos SG 115 revision 2 firewall appliance, SGD $120, serial number S1506*****12FEA (bought on 13 Sep 2020 at Farrer Park MRT Station, Singapore)

(4) Refurbished Cisco 1941 Router, SGD $130, serial number FGL***226J6 (bought on 10 Sep 2020 at Toa Payoh MRT Station, Singapore)

(5) Brand New tp-link 8-port Gigabit Desktop Switch TL-SG108, SGD $38, serial number 220*****02185 (bought on 19 Dec 2020 at Sim Lim Square, Singapore)

(6) Brand New tp-link 8-port Gigabit Desktop Switch TL-SG108, SGD $36, serial number 220*****08651 (bought on 13 Sep 2020 at Sim Lim Square, Singapore)

(7) Refurbished Cisco CP-7960G IP Phone, SGD $30, serial number INM***117P3 (bought on 19 Dec 2020 at Goldhill Plaza, Singapore)

(8) Refurbished Cisco ASA 5505 firewall appliance, SGD $150, serial number JMX1332Z**** (bought sometime in 2017, exact date forgotten)

REFERENCES

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[2] [2]http://lkml.iu.edu/hypermail/linux/kernel/2012.2/02803.html

[3] [3]https://marc.info/?l=linux-kernel &m=160837167502361 &w=2

[4] [4]https://lwn.net/ml/linux-kernel/1c778c866cc8c7fc1c1f2dd908ad0d76 %40teo-en-ming.com/

[5] [5]http://lists.linuxfromscratch.org/pipermail/lfs-chat/2020-Dece mber/029170.html

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2. http://lkml.iu.edu/hypermail/linux/kernel/2012.2/02803.html
3. https://marc.info/?l=linux-kernel&m=160837167502361&w=2
4. https://lwn.net/ml/linux-kernel/1c778c866cc8c7fc1c1f2dd908ad0d76%40teo-en-ming.com/
5. http://lists.linuxfromscratch.org/pipermail/lfs-chat/2020-December/029170.html

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Japan's New Fighter Jet Will Have Wild Tech, Like Microwave Weapons (2020-12-20 15:57) - Turritopsis Dohrnii Teo En Ming

Link: [1]https://www.popularmechanics.com/military/aviation/a34979905/jap an-new-fighter-jet-features/

1. https://www.popularmechanics.com/military/aviation/a34979905/japan-new-fighter-jet-features/

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Exchange Toolbox: View queued message properties in Queue Viewer (2020-12-19 19:06) - Turritopsis Dohrnii Teo En Ming

Link: [1]https://docs.microsoft.com/en-us/exchange/mail-flow/queues/queued- message-properties?view=exchserver-2019

1. `https://docs.microsoft.com/en-us/exchange/mail-flow/queues/queued-message-properties?view=exchserver-2019`

Gmail IMAP – Solving the [Gmail] separation (2020-12-19 19:04) - Turritopsis Dohrnii Teo En Ming

Link: [1]https://www.howto-outlook.com/howto/gmailroot.htm

1. `https://www.howto-outlook.com/howto/gmailroot.htm`

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What are the differences between CentOS Linux and CentOS Stream? (2020-12-19 19:02) - Turritopsis Dohrnii Teo En Ming

Subject: What are the differences between CentOS Linux and CentOS Stream?

Good day from Singapore,

What are the differences between CentOS Linux and CentOS Stream?

At the moment, I only know that CentOS 8 support will end on 31 December

2021 while Red Hat Inc will shift its focus to CentOS Stream.

Is CentOS Stream going to be very similar to Fedora Linux, shipping with

the latest Linux Kernel like 5.10.1?

I am looking forward to hearing from you.

Thank you.

REFERENCES

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[1] [1]https://lists.centos.org/pipermail/centos/2020-December/352646.html

1. `https://lists.centos.org/pipermail/centos/2020-December/352646.html`

Super Healthy Meal on 16 Dec 2020 (2020-12-19 18:59) - Turritopsis Dohrnii Teo En Ming

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[ZDNet] Where CentOS Linux users can go from here (2020-12-19 18:57) - Turritopsis Dohrnii Teo En Ming

Subject: [ZDNet] Where CentOS Linux users can go from here

Good day from Singapore, Singapore,

This ZDNet article introduces you to various and numerous alternative operating systems for existing users of CentOS Linux.

Article: Where CentOS Linux users can go from here

Synopsis: Upset about what's happened with CentOS Linux? Here are your best alternative operating systems.

Link: https://www.zdnet.com/article/where-centos-linux-users-can-go-from-here/

This is a very useful article. Happy reading!

Mr. Turritopsis Dohrnii Teo En Ming, 42 years old as of 16 December 2020 Wednesday, is a TARGETED INDIVIDUAL (TI) living in Singapore, Singapore. Mr. Turritopsis Dohrnii Teo En Ming is presently an IT Consultant with a System Integrator (SI)/computer firm in Singapore.

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[1] [1]https://listserv.fnal.gov/scripts/wa.exe?A2=ind2012 &L=SCIENTIFIC-LINUX-USERS &P=60365

1. https://listserv.fnal.gov/scripts/wa.exe?A2=ind2012&L=SCIENTIFIC-LINUX-USERS&P=60365

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Using Diskpart to create, extend or delete a disk partition (2020-12-19 18:54) - Turritopsis Dohrnii Teo En Ming

Link: [1]https://searchwindowsserver.techtarget.com/tip/Using-Diskpart-to -create-extend-or-delete-a-disk-partition

1. https://searchwindowsserver.techtarget.com/tip/Using-Diskpart-to-create-extend-or-delete-a-disk-partition

Recommended: Wifi Analyzer by Matt Hafner (2020-12-19 18:52) - Turritopsis Dohrnii Teo En Ming

English, German

[1]http://matthafner.com/

[2]http://youtube.com/matthafner

1. `http://matthafner.com/`
2. `http://youtube.com/matthafner`

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Cleaning a Disk in Windows 7 (or later) Using Diskpart (2020-12-19 18:50) - Turritopsis Dohrnii Teo En Ming

Link: [1]https://www.buffalotech.com/knowledge-base/cleaning-a-disk-in-wi ndows-7-using-diskpart

1. https://www.buffalotech.com/knowledge-base/cleaning-a-disk-in-windows-7-using-diskpart

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’So what if she’s more successful?’: M’sia man on being proud of girlfriend & working harder for their future (2020-12-19 18:48) - Turritopsis Dohrnii Teo En Ming

Link: [1]https://mothership.sg/2020/12/msia-man-gf-more-successful/

1. https://mothership.sg/2020/12/msia-man-gf-more-successful/

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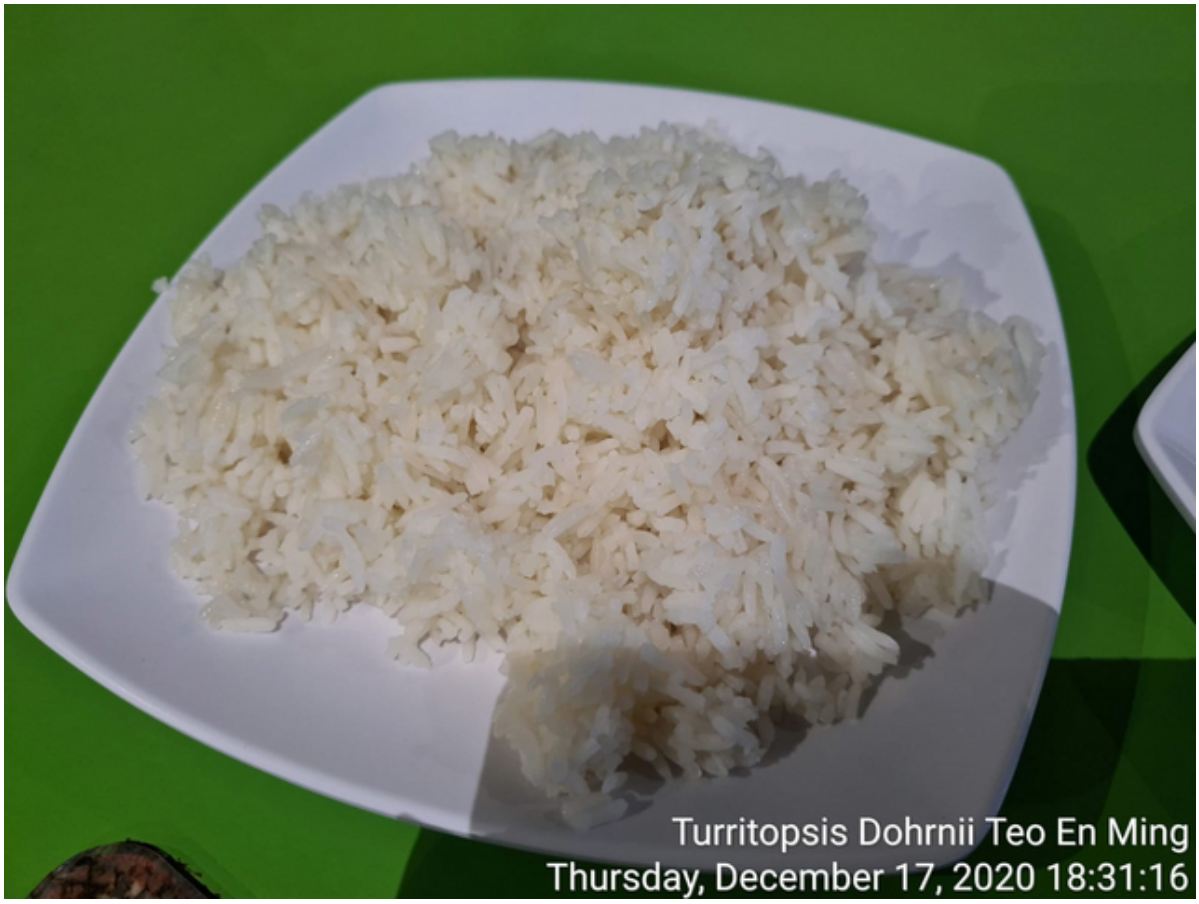
Super Healthy Meal on 17 Dec 2020 (2020-12-19 18:46) - Turritopsis Dohrnii Teo En Ming



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Singaporean Youth Are Looking Beyond Our Shores For Success (2020-12-19 18:44) - Turritopsis Dohrnii Teo En Ming

Link: [1]https://www.ricemedia.co/current-affairs-features-singaporean-yout h-looking-beyond-our-shores-for-success/

1. https://www.ricemedia.co/current-affairs-features-singaporean-youth-looking-beyond-our-shores-for-success/

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Welcome to VOIP-info: a reference guide to all things VOIP. (2020-12-19 18:42) - Turritopsis Dohrnii Teo En Ming

Link: [1]https://www.voip-info.org/

1. https://www.voip-info.org/

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S'porean, 13, overdosed on painkillers after school bullies assaulted & harassed her relentlessly

(2020-12-19 18:41) - Turritopsis Dohrnii Teo En Ming

Link: [1]https://mothership.sg/2020/12/sporean-13-overdosed-on-painkiller s-after-school-bullies-assaulted-harassed-her-relentlessly/

1. https://mothership.sg/2020/12/sporean-13-overdosed-on-painkillers-after-school-bullies-assaulted-harassed-her-relentlessly/

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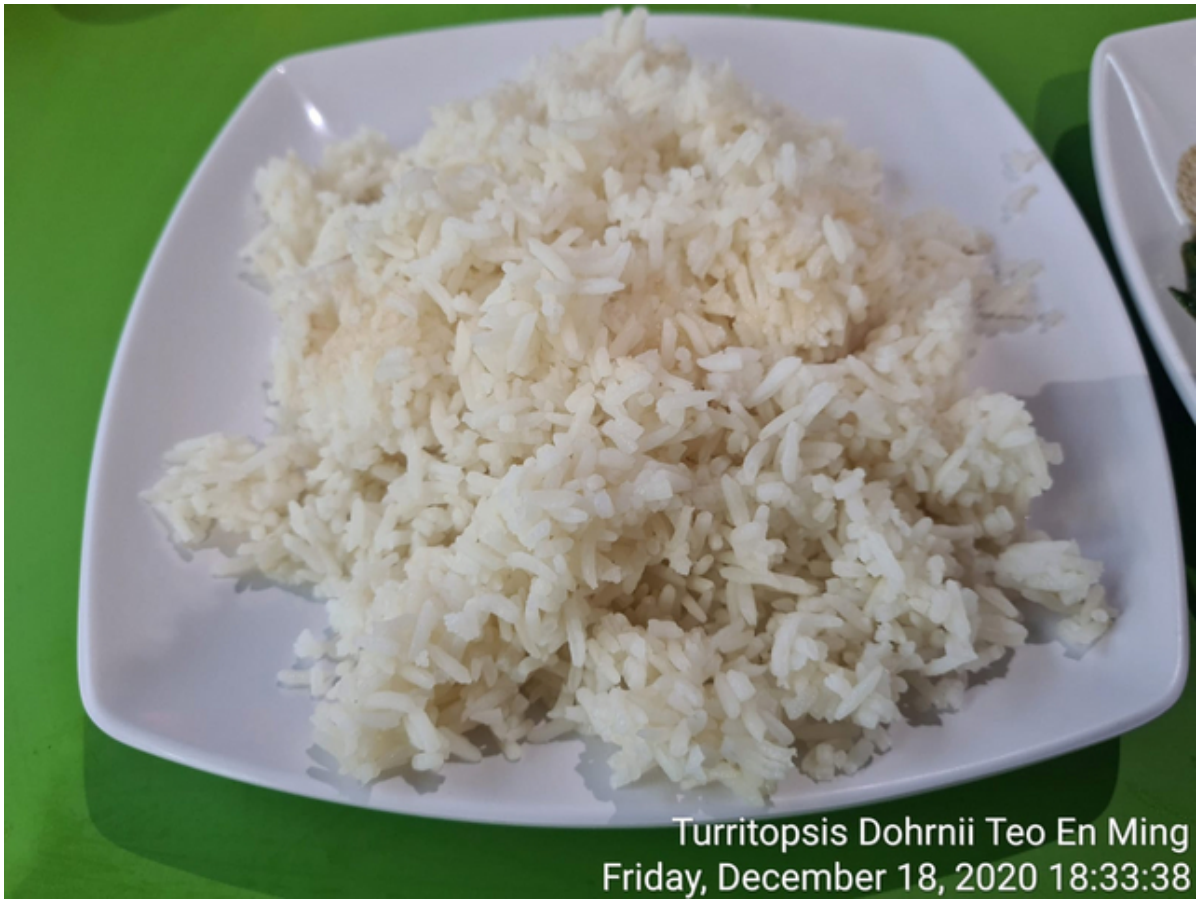
Super Healthy Meal on 18 Dec 2020 (2020-12-19 18:39) - Turritopsis Dohrnii Teo En Ming



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I found an excellent guide: Configure Asterisk VoIP IP PBX SIP Server with Cisco IP Phones

(2020-12-19 18:36) - Turritopsis Dohrnii Teo En Ming

Subject: I found an excellent guide: Configure Asterisk VoIP IP PBX SIP Server with Cisco IP Phones

Good day from Singapore,

Today 18 December 2020 Friday, I found an excellent guide on configuring Asterisk VoIP IP PBX SIP server with Cisco IP phones. I think the author explains very well and very clearly. The guide is certainly very detailed and well written.

Title of Guide: Configure Asterisk with Cisco IP Phones

Author: Tyler Winfield

Link: [1]http://docshare02.docshare.tips/files/6706/67061980.pdf

Original website: [2]http://minded.ca/ (no longer accessible)

I am going to buy a cheap and used Cisco 7940 or 7960 IP phone for about SGD $20 and configure it to work with my FreePBX 15 and Asterisk 16 PBX appliance by following this guide. I will provide feedback and my own custom guide after I have done so.

I just want to share this very excellent guide.

Another excellent website is [3]https://www.voip-info.org/

On the front page, it says:

"Welcome to VOIP-info: a reference guide to all things VOIP."

Sharing is caring.

Thank you.

Mr. Turritopsis Dohrnii Teo En Ming, 42 years old as of 18 December 2020 Friday, is a TARGETED INDIVIDUAL (TI) living in Singapore. He is presently an IT consultant with a System Integrator (SI)/computer firm in Singapore. He is an IT enthusiast.

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[1] [4]http://lists.digium.com/pipermail/asterisk-users/2020-December/295542. html

1. http://docshare02.docshare.tips/files/6706/67061980.pdf
2. http://minded.ca/
3. https://www.voip-info.org/
4. http://lists.digium.com/pipermail/asterisk-users/2020-December/295542.html

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Is it possible to install SAP Server on SUSE Linux Enterprise Server (SLES)? (2020-12-19 18:33) - Turritopsis Dohrnii Teo En Ming

Subject: Is it possible to install SAP Server on SUSE Linux Enterprise Server (SLES)?

Good day from Singapore,

Today 18 December 2020 Friday, I chanced upon a new discovery. On the SAP login page of our major client, I saw the following:

Client SAP ERP System

SAP SYSTEM NAME: Production

Product: SAP S/4HANA 1709 FPS 00

Platform: AWS Cloud with SLES 12 SP1 + HDB 2.00.020.00

Is it possible to install SAP server on SLES? Are there good guides for doing so? Please provide the links.

Thank you very much.

Mr. Turritopsis Dohrnii Teo En Ming, 42 years old as of 18 December 2020 Friday, is a TARGETED INDIVIDUAL (TI) living in Singapore. He is presently an IT consultant with a System Integrator (SI)/computer firm in Singapore. He is an IT enthusiast.

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[1] [1]https://lists.opensuse.org/archives/list/users@lists.opensuse.org/thre ad/7Z6UZYJF-SB4K3KZH7I6FBKZQQ3A3R2OW/

[2] [2]https://marc.info/?l=opensuse &m=160830252118767 &w=2

1. `https://lists.opensuse.org/archives/list/users@lists.opensuse.org/thread/7Z6UZYJFSB4K3KZH7I6FBKZQQ3A3R2OW/`
2. `https://marc.info/?l=opensuse&m=160830252118767&w=2`

I solved a problem with Microsoft Exchange email server not able to send out external emails today

(2020-12-19 18:31) - Turritopsis Dohrnii Teo En Ming

Subject: I solved a problem with Microsoft Exchange email server not able to send out external emails today

Good day from Singapore,

Today 18 December 2020 Friday, our client in Singapore reported they were not able to send out external emails. I launched Exchange Toolbox on the Exchange server to examine the mail queue. Exchange Toolbox reported:

Exchange can’t connect to the Microsoft Exchange Transport service on computer "exchange.teo-en-ming-corp.com.sg". Verify that the service is started. It was running the command ’get-queue -ResultSize ’1000’ -ReturnPageInfo $true -SortOrder ’+NextHopDomain’ -SearchForward $true -BookmarkObject $null -BookmarkIndex ’-1’ -IncludeBookmark $false -server ’exchange.teo-en-ming-corp.com.sg’.

Upon seeing the above error message, I launched services.msc and observed that Microsoft Exchange Transport service was not running. I proceeded to start the Microsoft Exchange Transport service. Thereafter, our client was able to send external emails again.

I have solved the problem.

Mr. Turritopsis Dohrnii Teo En Ming, 42 years old as of 18 December 2020 Friday, is a TARGETED INDIVIDUAL (TI) living in Singapore. He is presently an IT consultant with a System Integrator (SI)/computer firm in Singapore. He is an IT enthusiast.

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[1] [1]http://lists.linuxfromscratch.org/pipermail/lfs-chat/2020-December/029 169.html

1. http://lists.linuxfromscratch.org/pipermail/lfs-chat/2020-December/029169.html

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Cisco 7960 IP Phone - SIP firmware version (2020-12-19 18:29) - Turritopsis Dohrnii Teo En Ming

Link: [1]https://www.asteriskguru.com/tutorials/cisco _7960 _ip _phone _configuration.html

1. https://www.asteriskguru.com/tutorials/cisco_7960_ip_phone_configuration.html

CISCO IP PHONE & ATA FIRMWARE DOWNLOADS (2020-12-19 18:27) - Turritopsis Dohrnii Teo En Ming

Link: [1]http://www.firewall.cx/downloads/cisco-tools-a-applications/cisc o-ip-phone-a-ata-firmware-downloads.html?limit=20 &limitstart=20

1. http://www.firewall.cx/downloads/cisco-tools-a-applications/cisco-ip-phone-a-ata-firmware-downloads.html?limit=20&limitstart=20

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Super Healthy Meal on 19 Dec 2020 Sat (2020-12-19 18:25) - Turritopsis Dohrnii Teo En Ming

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I have just bought a Fortigate 60E firewall appliance for SGD$170 on 19 Dec 2020 Sat (2020-12-19 18:22) - Turritopsis Dohrnii Teo En Ming

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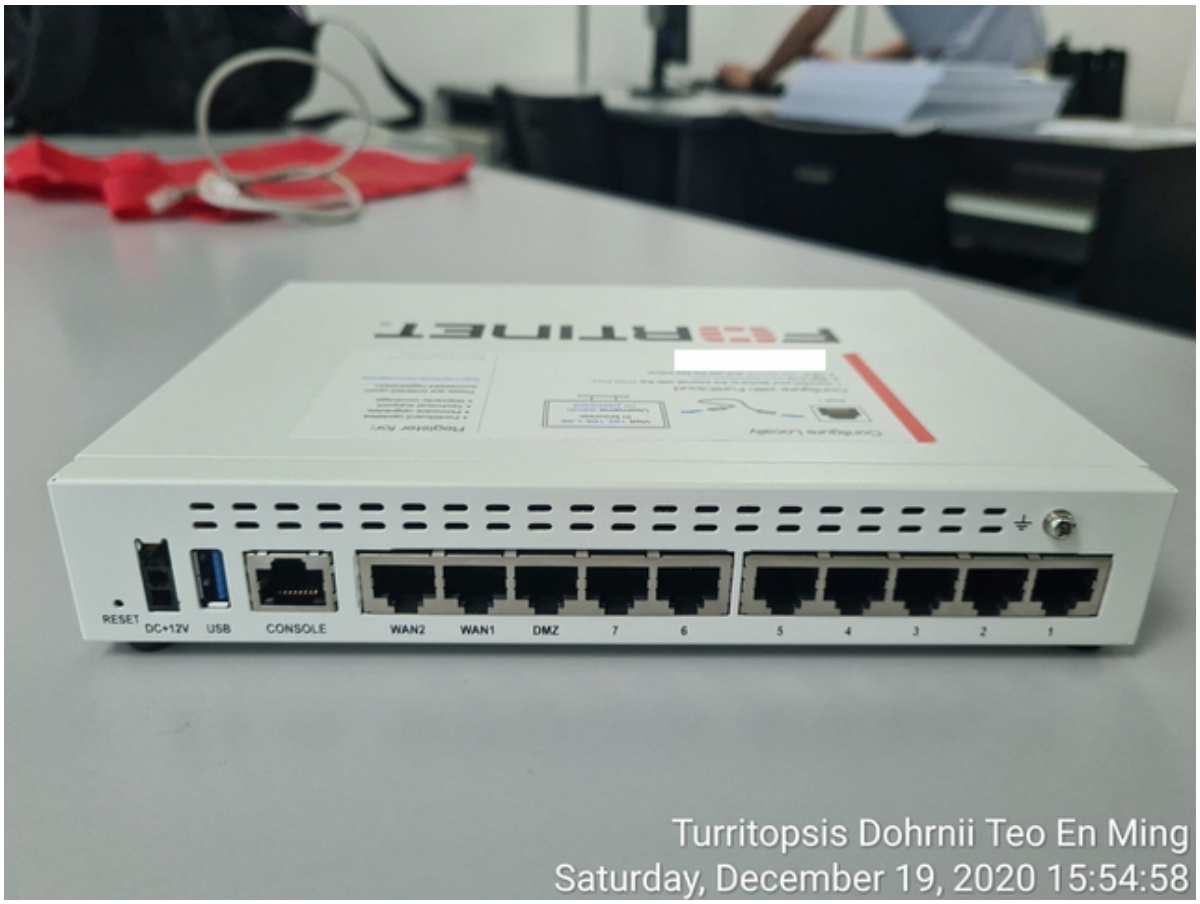

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I have just bought a Cisco 7960 IP Phone for SGD$30 on 19 Dec 2020 Sat (2020-12-19 18:12) - Turritopsis Dohrnii Teo En Ming

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I have just bought a tp-link 8-Port Gigabit Desktop Switch TL-SG108 for SGD$38 on 19 Dec 2020 Sat (2020-12-19 18:08) - Turritopsis Dohrnii Teo En Ming

List of Enterprise Networking Devices Bought on 19 Dec 2020 Saturday and Earlier (2020-12-19 18:02) - Turritopsis Dohrnii Teo En Ming

Subject: List of Enterprise Networking Devices Bought on 19 Dec 2020 Saturday and Earlier

Mr. Turritopsis Dohrnii Teo En Ming (42 year old Singapore Targeted Individual) bought the following enterprise networking devices on 19 Dec 2020 Saturday and earlier.

(1) Refurbished Fortigate 60E firewall appliance, SGD $170, serial number FGT60E*****46050 (bought on 19 Dec 2020 at Goldhill Plaza, Singapore)

(2) Refurbished Fortigate 60D firewall appliance, SGD $157, serial number FGT60D*****26935 (shipped from Japan to Toa Payoh, Singapore on 4 Aug 2020)

(3) Refurbished Sophos SG 115 revision 2 firewall appliance, SGD $120, serial number S1506*****12FEA (bought on 13 Sep 2020 at Farrer Park MRT Station, Singapore)

(4) Refurbished Cisco 1941 Router, SGD $130, serial number FGL***226J6 (bought on 10 Sep 2020 at Toa Payoh MRT Station, Singapore)

(5) Brand New tp-link 8-port Gigabit Desktop Switch TL-SG108, SGD $38, serial number 220*****02185 (bought on 19 Dec 2020 at Sim Lim Square, Singapore)

(6) Brand New tp-link 8-port Gigabit Desktop Switch TL-SG108, SGD $36, serial number 220*****08651 (bought on 13 Sep 2020 at Sim Lim Square, Singapore)

(7) Refurbished Cisco CP-7960G IP Phone, SGD $30, serial number INM***117P3 (bought on 19 Dec 2020 at Goldhill Plaza, Singapore)

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[1] [1]https://lkml.org/lkml/2020/12/19/36

[2] [2]http://lkml.iu.edu/hypermail/linux/kernel/2012.2/02803.html

[3] [3]https://marc.info/?l=linux-kernel &m=160837167502361 &w=2

[4] [4]https://lwn.net/ml/linux-kernel/1c778c866cc8c7fc1c1f2dd908ad0d76 %40teo-en-ming.com/

[5] [5]http://lists.linuxfromscratch.org/pipermail/lfs-chat/2020-December/029 170.html

1. https://lkml.org/lkml/2020/12/19/36
2. http://lkml.iu.edu/hypermail/linux/kernel/2012.2/02803.html
3. https://marc.info/?l=linux-kernel&m=160837167502361&w=2
4. https://lwn.net/ml/linux-kernel/1c778c866cc8c7fc1c1f2dd908ad0d76%40teo-en-ming.com/
5. http://lists.linuxfromscratch.org/pipermail/lfs-chat/2020-December/029170.html

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Teo En Ming's Blog Book (Version 13 Dec 2020) Available for Download (2020-12-13 15:36) - Turritopsis Dohrnii Teo En Ming

Subject: Teo En Ming's Blog Book (Version 13 Dec 2020) Available for Download

Redundant Google Drive download links:

[1] [1]https://drive.google.com/file/d/1dyfb45mukZaBMxluVU56t1uFOzV3qbbv/view ?usp=sharing

[2] [2]https://drive.google.com/file/d/1By1jmjq2ejIyutDt _59a5bOEd8YjZ-cl/view?usp=sharing

[3] [3]https://drive.google.com/file/d/1E7YJ18gQbcB0hGW6sgT9WfzjtCCYKIEX/view ?usp=sharing

[4] [4]https://drive.google.com/file/d/1trOPEMw7YLcvS9pMYQZ8mvKj3LGbnY0N/view ?usp=sharing

[5] [5]https://drive.google.com/file/d/1sIfu0chorKVxG0K1u9uX83GJp2E05HPn/view ?usp=sharing

[6] [6]https://drive.google.com/file/d/16kpKS98KLmaemhls2LUNoghGFdQtCVy3/view ?usp=sharing

[7] [7]https://drive.google.com/file/d/1irMl8bGiAWkuj3foO3UVZsZKgOWBMZlj/view ?usp=sharing

1. `https://drive.google.com/file/d/1dyfb45mukZaBMxluVU56t1uFOzV3qbbv/view?usp=sharing`
2. `https://drive.google.com/file/d/1By1jmjq2ejIyutDt_59a5bOEd8YjZ-cl/view?usp=sharing`
3. `https://drive.google.com/file/d/1E7YJ18gQbcB0hGW6sgT9WfzjtCCYKIEX/view?usp=sharing`
4. `https://drive.google.com/file/d/1trOPEMw7YLcvS9pMYQZ8mvKj3LGbnY0N/view?usp=sharing`
5. `https://drive.google.com/file/d/1sIfu0chorKVxG0K1u9uX83GJp2E05HPn/view?usp=sharing`
6. `https://drive.google.com/file/d/16kpKS98KLmaemhls2LUNoghGFdQtCVy3/view?usp=sharing`
7. `https://drive.google.com/file/d/1irMl8bGiAWkuj3foO3UVZsZKgOWBMZlj/view?usp=sharing`

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Teo En Ming's Correspondences with International Courts (22-New Screenshots) (2020-12-13 14:58) - Turritopsis Dohrnii Teo En Ming

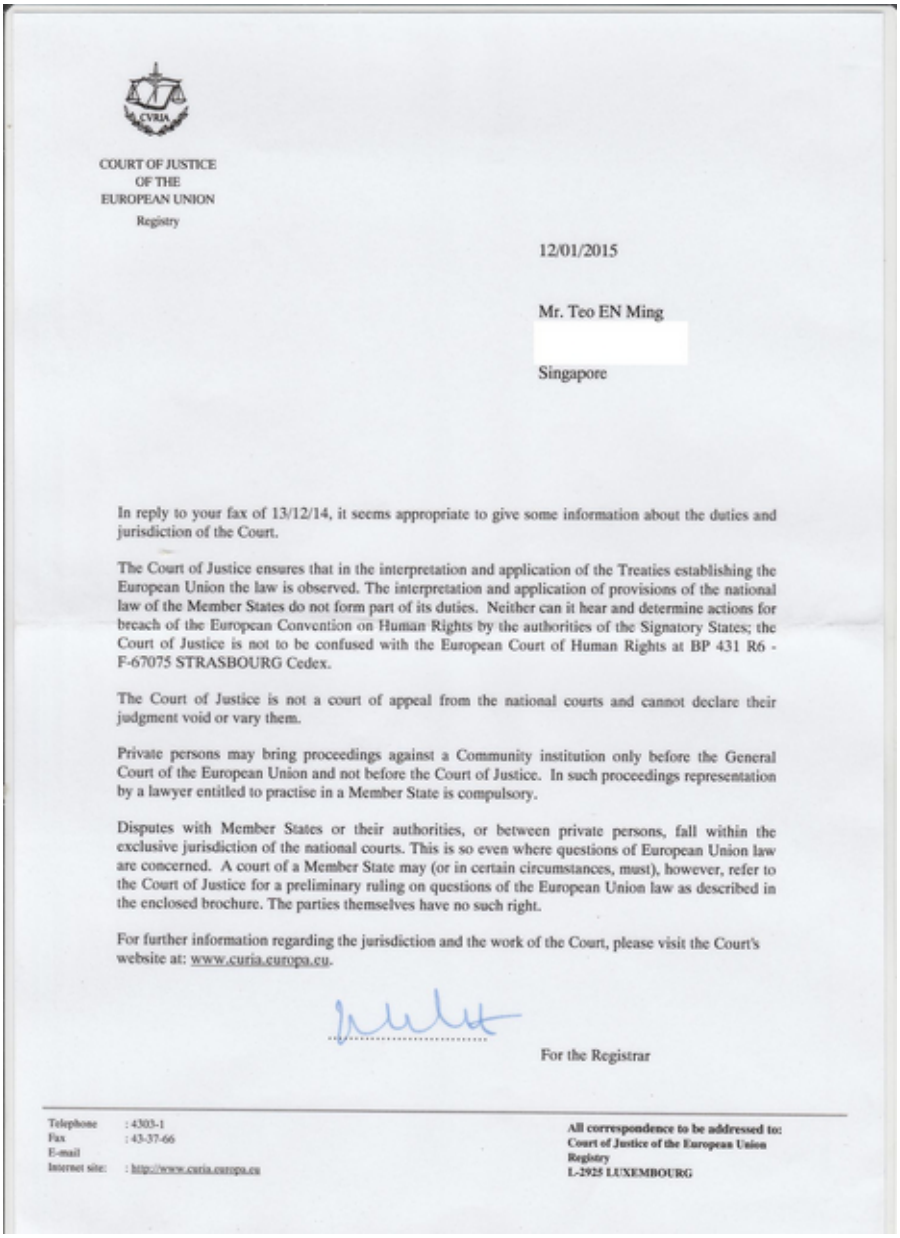
5 screenshots for Court of Justice of the European Union

2 screenshots for General Court of the European Union

6 screenshots for European Court of Human Rights

7 screenshots for International Criminal Court

2 screenshots for UK Ministry of Justice



COURT OF JUSTICE
OF THE
EUROPEAN UNION
Registry

12/01/2015

Mr. Teo EN Ming

Singapore

In reply to your fax of 13/12/14, it seems appropriate to give some information about the duties and jurisdiction of the Court.

The Court of Justice ensures that in the interpretation and application of the Treaties establishing the European Union the law is observed. The interpretation and application of provisions of the national law of the Member States do not form part of its duties. Neither can it hear and determine actions for breach of the European Convention on Human Rights by the authorities of the Signatory States; the Court of Justice is not to be confused with the European Court of Human Rights at BP 431 R6 - F-67075 STRASBOURG Cedex.

The Court of Justice is not a court of appeal from the national courts and cannot declare their judgment void or vary them.

Private persons may bring proceedings against a Community institution only before the General Court of the European Union and not before the Court of Justice. In such proceedings representation by a lawyer entitled to practise in a Member State is compulsory.

Disputes with Member States or their authorities, or between private persons, fall within the exclusive jurisdiction of the national courts. This is so even where questions of European Union law are concerned. A court of a Member State may (or in certain circumstances, must), however, refer to the Court of Justice for a preliminary ruling on questions of the European Union law as described in the enclosed brochure. The parties themselves have no such right.

For further information regarding the jurisdiction and the work of the Court, please visit the Court's website at: www.curia.europa.eu.

For the Registrar

Telephone : 4303-1
Fax : 43-37-66
E-mail
Internet site: : http://www.curia.europa.eu

All correspondence to be addressed to:
Court of Justice of the European Union
Registry
L-2925 LUXEMBOURG

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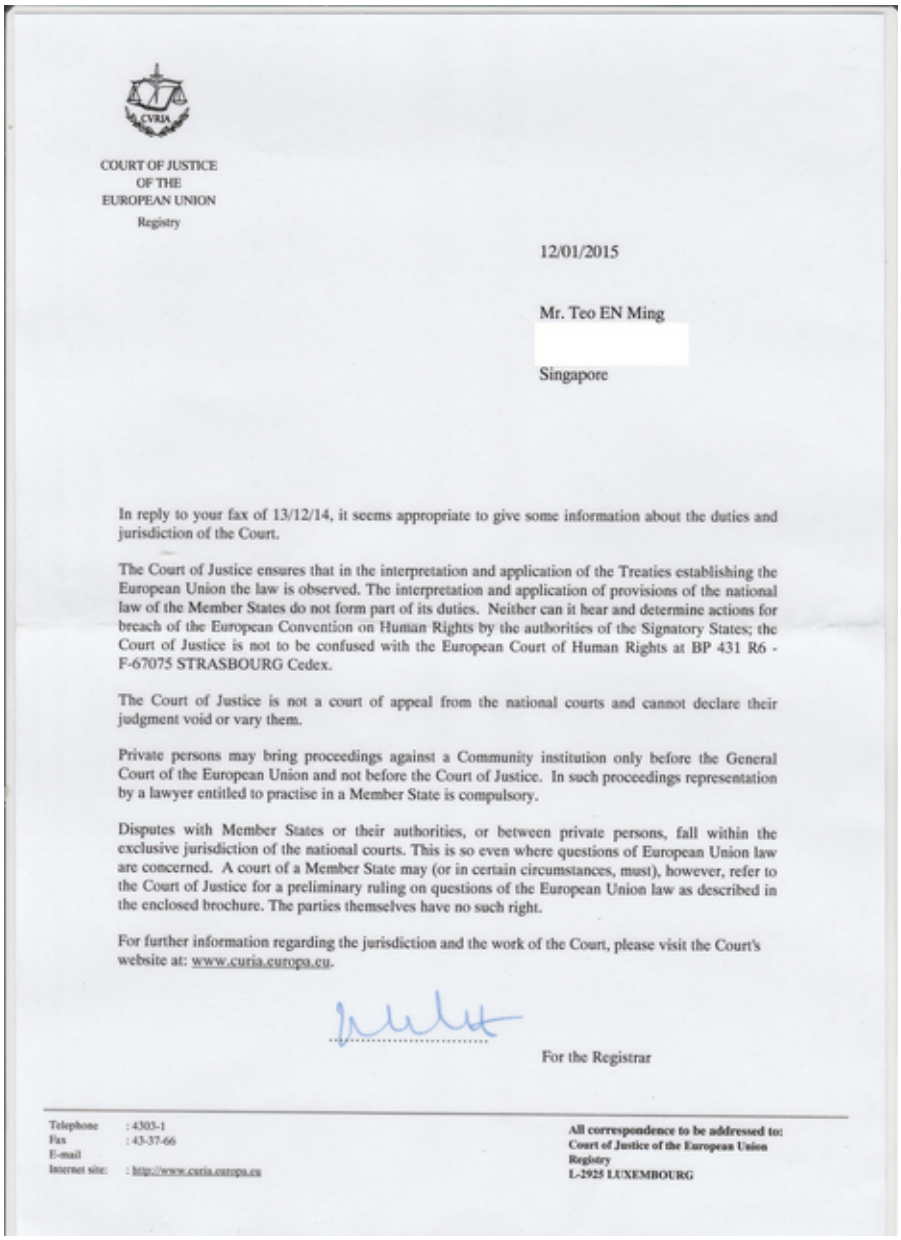

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Mr. Teo EN Ming

Singapore

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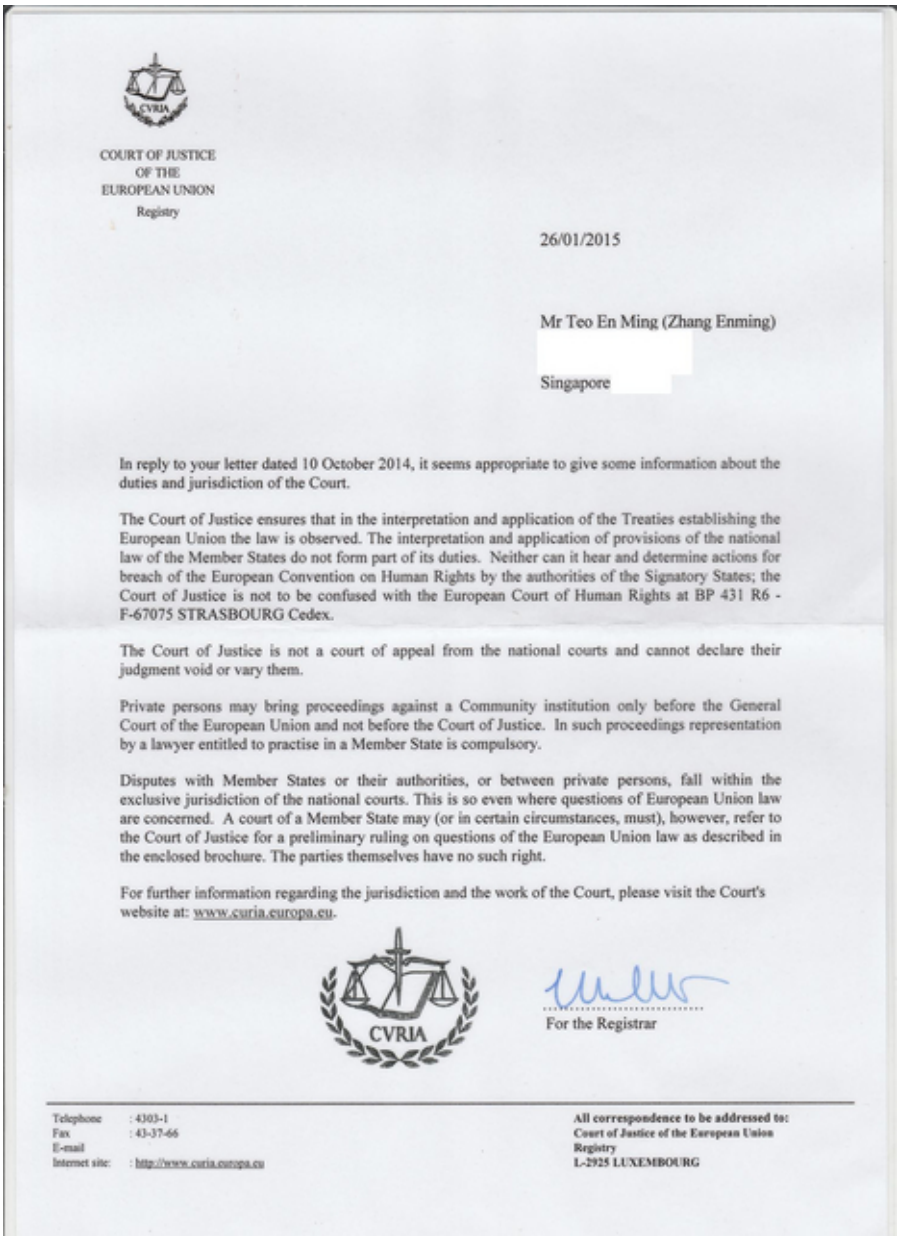

COURT OF JUSTICE
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26/01/2015

Mr Teo En Ming (Zhang Enming)

Singapore

In reply to your letter dated 10 October 2014, it seems appropriate to give some information about the duties and jurisdiction of the Court.

The Court of Justice ensures that in the interpretation and application of the Treaties establishing the European Union the law is observed. The interpretation and application of provisions of the national law of the Member States do not form part of its duties. Neither can it hear and determine actions for breach of the European Convention on Human Rights by the authorities of the Signatory States; the Court of Justice is not to be confused with the European Court of Human Rights at BP 431 R6 - F-67075 STRASBOURG Cedex.

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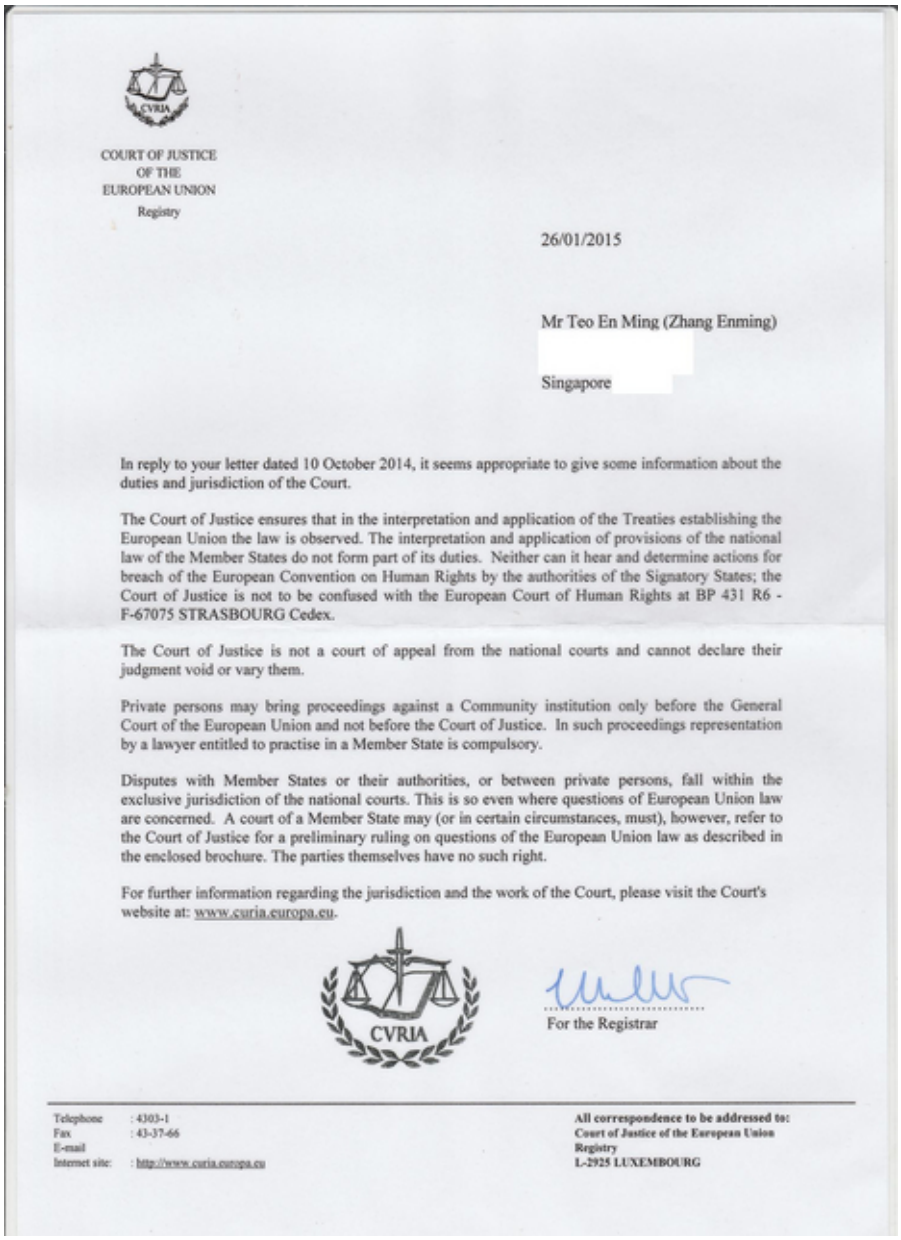

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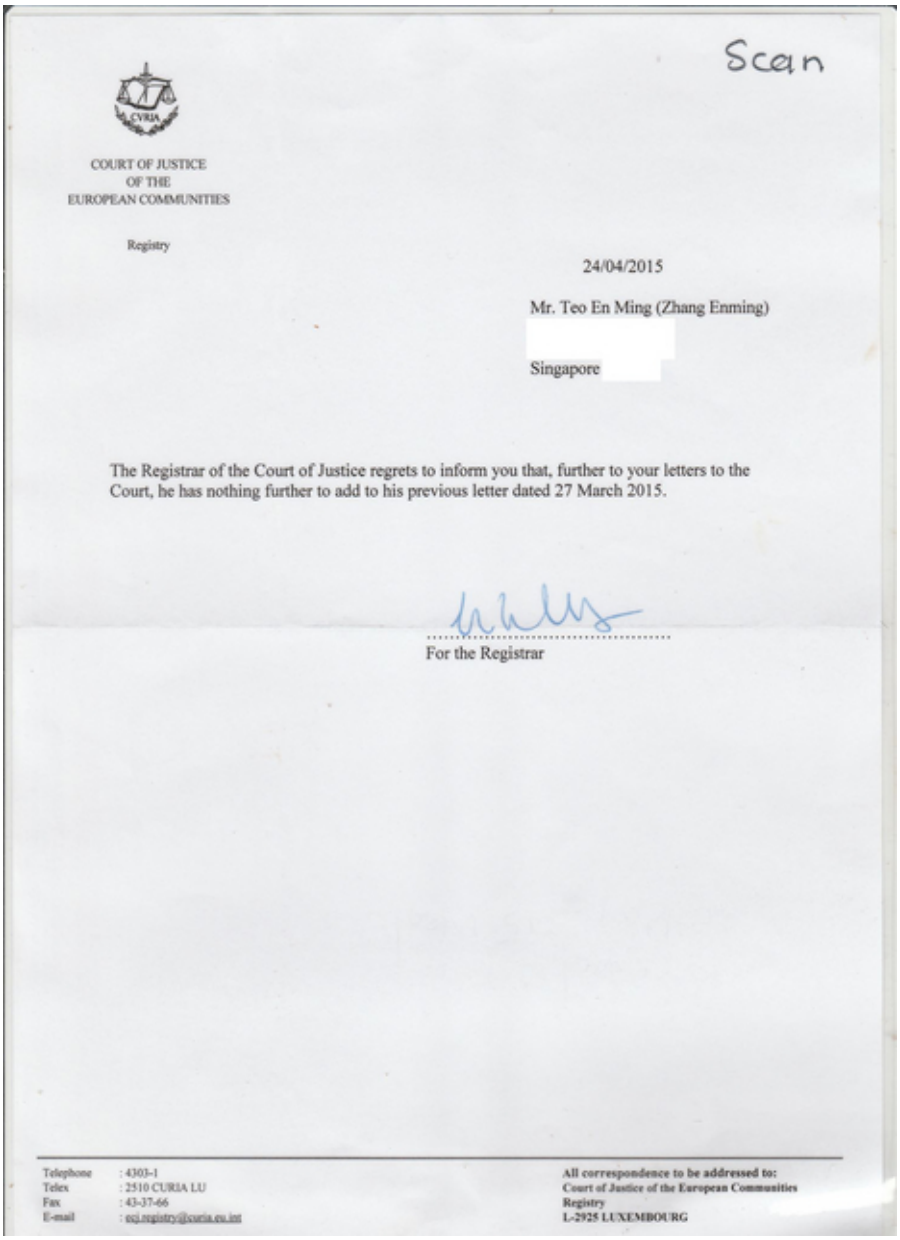

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COURT OF JUSTICE
OF THE
EUROPEAN COMMUNITIES

Registry

24/04/2015

Mr. Teo En Ming (Zhang Enming)

Singapore

The Registrar of the Court of Justice regrets to inform you that, further to your letters to the Court, he has nothing further to add to his previous letter dated 27 March 2015.

For the Registrar

Telephone : 4303-1
Telex : 2510 CURIA LU
Fax : 43-37-66
E-mail : ecj.registry@curia.eu.int

All correspondence to be addressed to:
Court of Justice of the European Communities
Registry
L-2925 LUXEMBOURG

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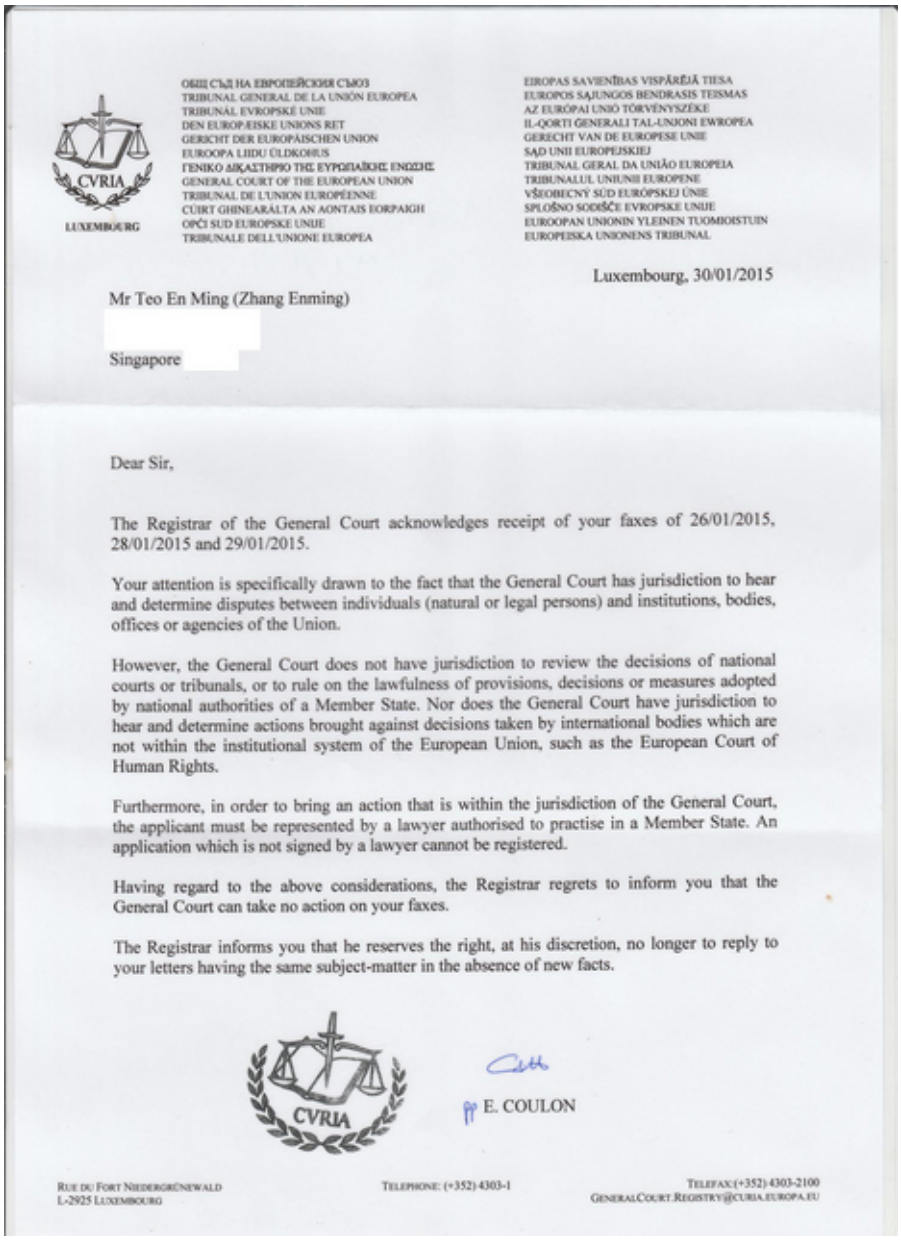

ОБЩИ СЪД НА ЕВРОПЕЙСКИЯ СЪЮЗ
TRIBUNAL GENERAL DE LA UNIÓN EUROPEA
TRIBUNAL EVROPSKÉ UNIE
DEN EUROPÆISKE UNIONS RET
GERICHT DER EUROPÄISCHEN UNION
EUROOPA LIIDU ÜLDKOHUS
ΓΕΝΙΚΟ ΔΙΚΑΣΤΗΡΙΟ ΤΗΣ ΕΥΡΩΠΑΪΚΗΣ ΕΝΩΣΗΣ
GENERAL COURT OF THE EUROPEAN UNION
TRIBUNAL DE L'UNION EUROPÉENNE
CÚIRT GHINEARÁLTA AN AONTAIS EORPAIGH
OPĆI SUD EUROPSKE UNIJE
TRIBUNALE DELL'UNIONE EUROPEA

EIROPAS SAVIENĪBAS VISPĀRĒJĀ TIESA
EUROPOS SĄJUNGOS BENDRASIS TEISMAS
AZ EURÓPAI UNIÓ TÖRVÉNYSZÉKE
IL-QORTI ĠENERALI TAL-UNJONI EWROPEA
GERECHT VAN DE EUROPESE UNIE
SĄD UNII EUROPEJSKIEJ
TRIBUNAL GERAL DA UNIÃO EUROPEIA
TRIBUNALUL UNIUNII EUROPENE
VŠEOBECNÝ SÚD EURÓPSKEJ ÚNIE
SPLOŠNO SODIŠČE EVROPSKE UNIJE
EUROOPAN UNIONIN YLEINEN TUOMIOISTUIN
EUROPEISKA UNIONENS TRIBUNAL

LUXEMBOURG

Luxembourg, 30/01/2015

Mr Teo En Ming (Zhang Enming)

Singapore

Dear Sir,

The Registrar of the General Court acknowledges receipt of your faxes of 26/01/2015, 28/01/2015 and 29/01/2015.

Your attention is specifically drawn to the fact that the General Court has jurisdiction to hear and determine disputes between individuals (natural or legal persons) and institutions, bodies, offices or agencies of the Union.

However, the General Court does not have jurisdiction to review the decisions of national courts or tribunals, or to rule on the lawfulness of provisions, decisions or measures adopted by national authorities of a Member State. Nor does the General Court have jurisdiction to hear and determine actions brought against decisions taken by international bodies which are not within the institutional system of the European Union, such as the European Court of Human Rights.

Furthermore, in order to bring an action that is within the jurisdiction of the General Court, the applicant must be represented by a lawyer authorised to practise in a Member State. An application which is not signed by a lawyer cannot be registered.

Having regard to the above considerations, the Registrar regrets to inform you that the General Court can take no action on your faxes.

The Registrar informs you that he reserves the right, at his discretion, no longer to reply to your letters having the same subject-matter in the absence of new facts.

p. E. COULON

RUE DU FORT NIEDERGRÜNEWALD
L-2925 LUXEMBOURG

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TELEFAX: (+352) 4303-2100
GENERALCOURT.REGISTRY@CURIA.EUROPA.EU

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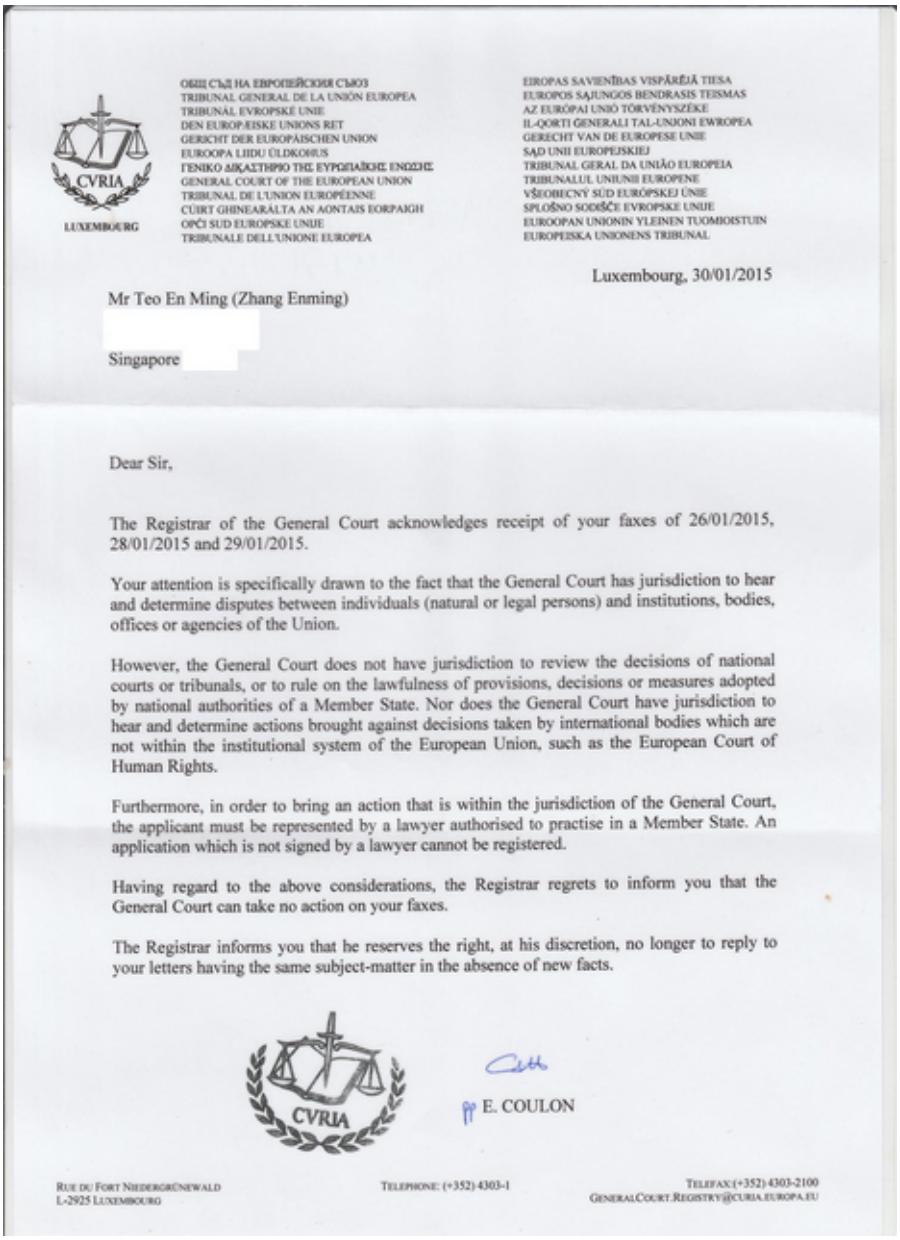

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EUROPEISKA UNIONENS TRIBUNAL

LUXEMBOURG

Luxembourg, 30/01/2015

Mr Teo En Ming (Zhang Enming)

Singapore

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Having regard to the above considerations, the Registrar regrets to inform you that the General Court can take no action on your faxes.

The Registrar informs you that he reserves the right, at his discretion, no longer to reply to your letters having the same subject-matter in the absence of new facts.

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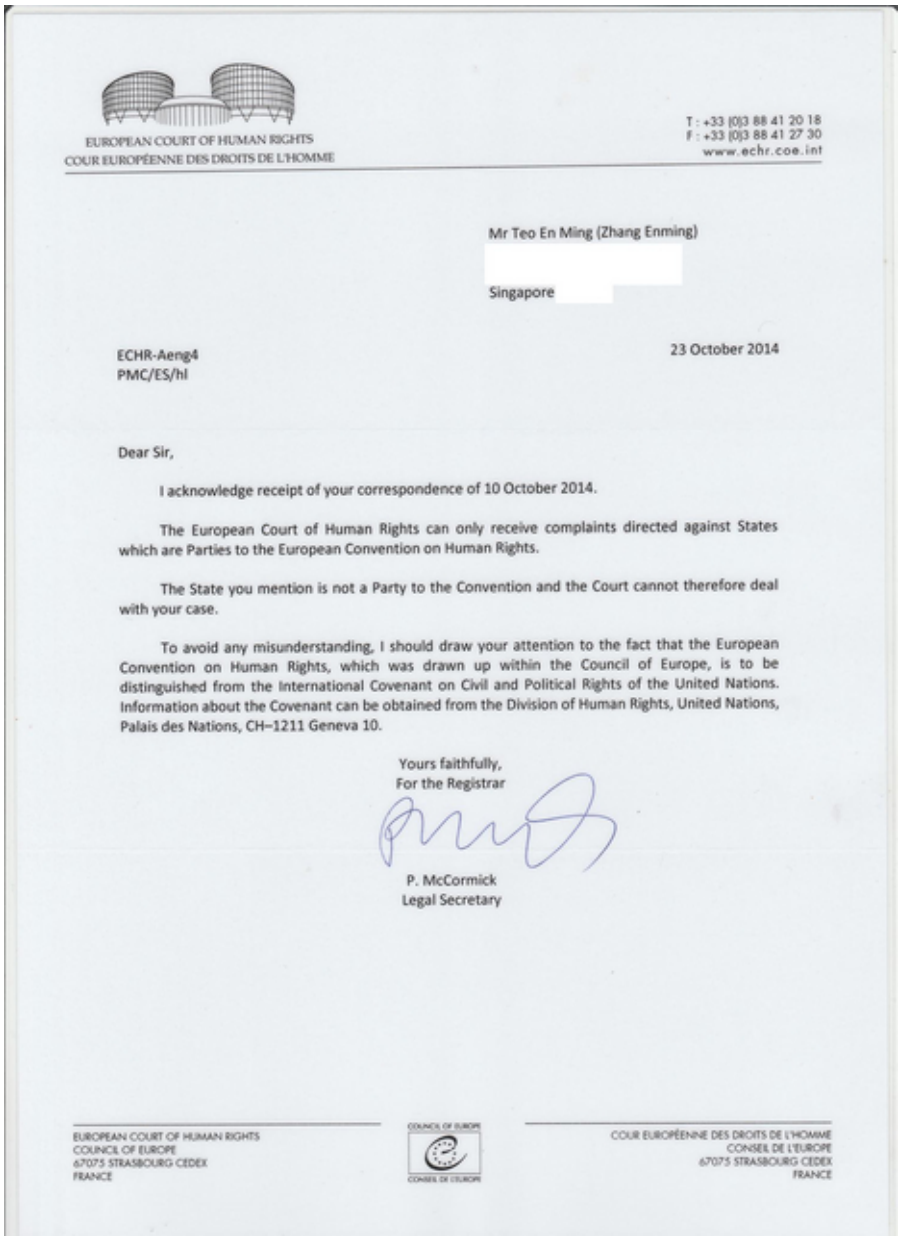

EUROPEAN COURT OF HUMAN RIGHTS
COUR EUROPÉENNE DES DROITS DE L'HOMME

T : +33 (0)3 88 41 20 18
F : +33 (0)3 88 41 27 30
www.echr.coe.int

Mr Teo En Ming (Zhang Enming)
[redacted]
Singapore

ECHR-Aeng4
PMC/ES/hl

23 October 2014

Dear Sir,

I acknowledge receipt of your correspondence of 10 October 2014.

The European Court of Human Rights can only receive complaints directed against States which are Parties to the European Convention on Human Rights.

The State you mention is not a Party to the Convention and the Court cannot therefore deal with your case.

To avoid any misunderstanding, I should draw your attention to the fact that the European Convention on Human Rights, which was drawn up within the Council of Europe, is to be distinguished from the International Covenant on Civil and Political Rights of the United Nations. Information about the Covenant can be obtained from the Division of Human Rights, United Nations, Palais des Nations, CH–1211 Geneva 10.

Yours faithfully,
For the Registrar

P. McCormick
Legal Secretary

EUROPEAN COURT OF HUMAN RIGHTS
COUNCIL OF EUROPE
67075 STRASBOURG CEDEX
FRANCE

COUNCIL OF EUROPE
CONSEIL DE L'EUROPE

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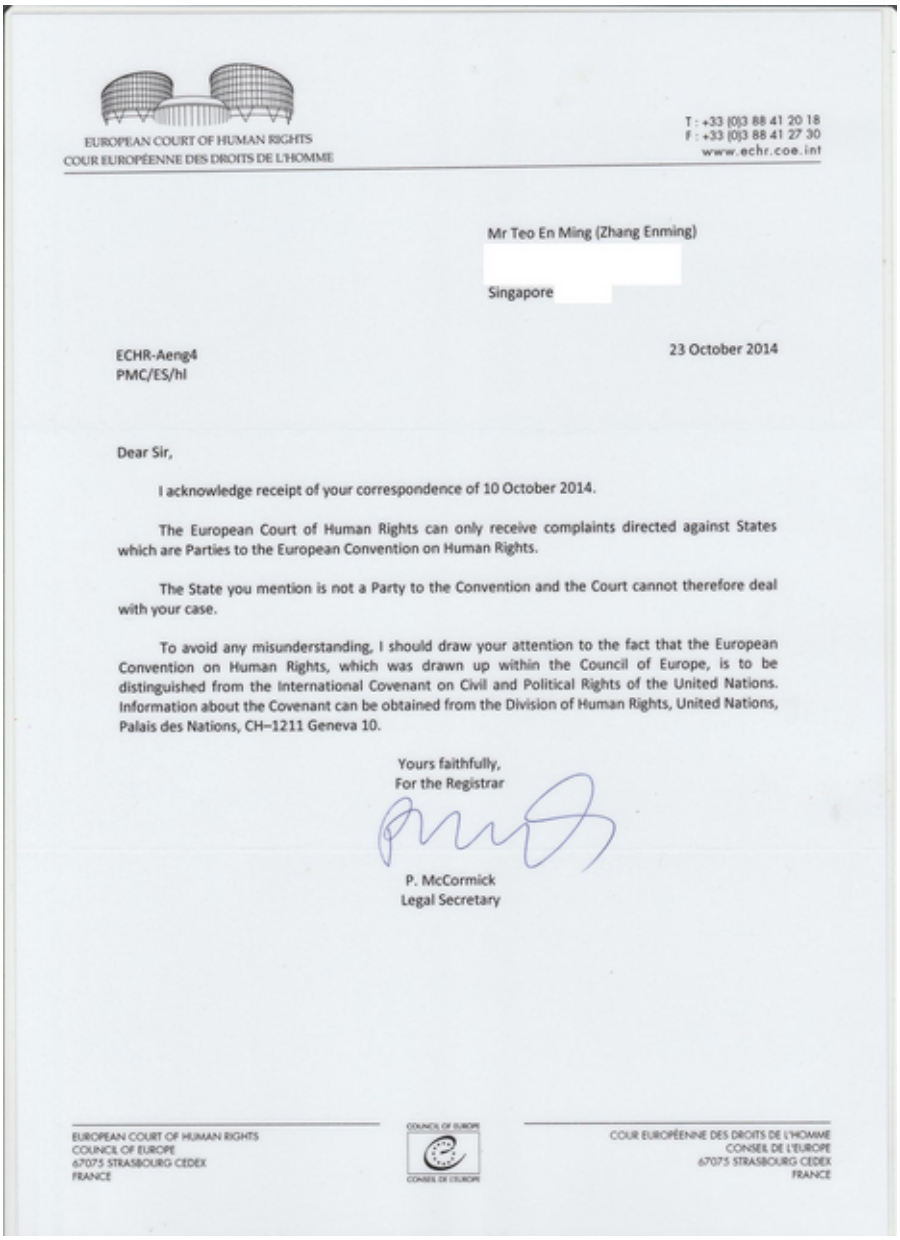

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www.echr.coe.int

Mr Teo En Ming (Zhang Enming)

Singapore

4 March 2015

ECHR-Aeng4
ESL/adz

Dear Sir,

I acknowledge receipt of your correspondence of 2 March 2015.

The European Court of Human Rights can only receive complaints directed against States which are Parties to the European Convention on Human Rights.

The State you mention is not a Party to the Convention and the Court cannot therefore deal with your case.

Yours faithfully,
For the Registrar

E. Slade
Legal Secretary

EUROPEAN COURT OF HUMAN RIGHTS
COUNCIL OF EUROPE
67075 STRASBOURG CEDEX
FRANCE

COUNCIL OF EUROPE
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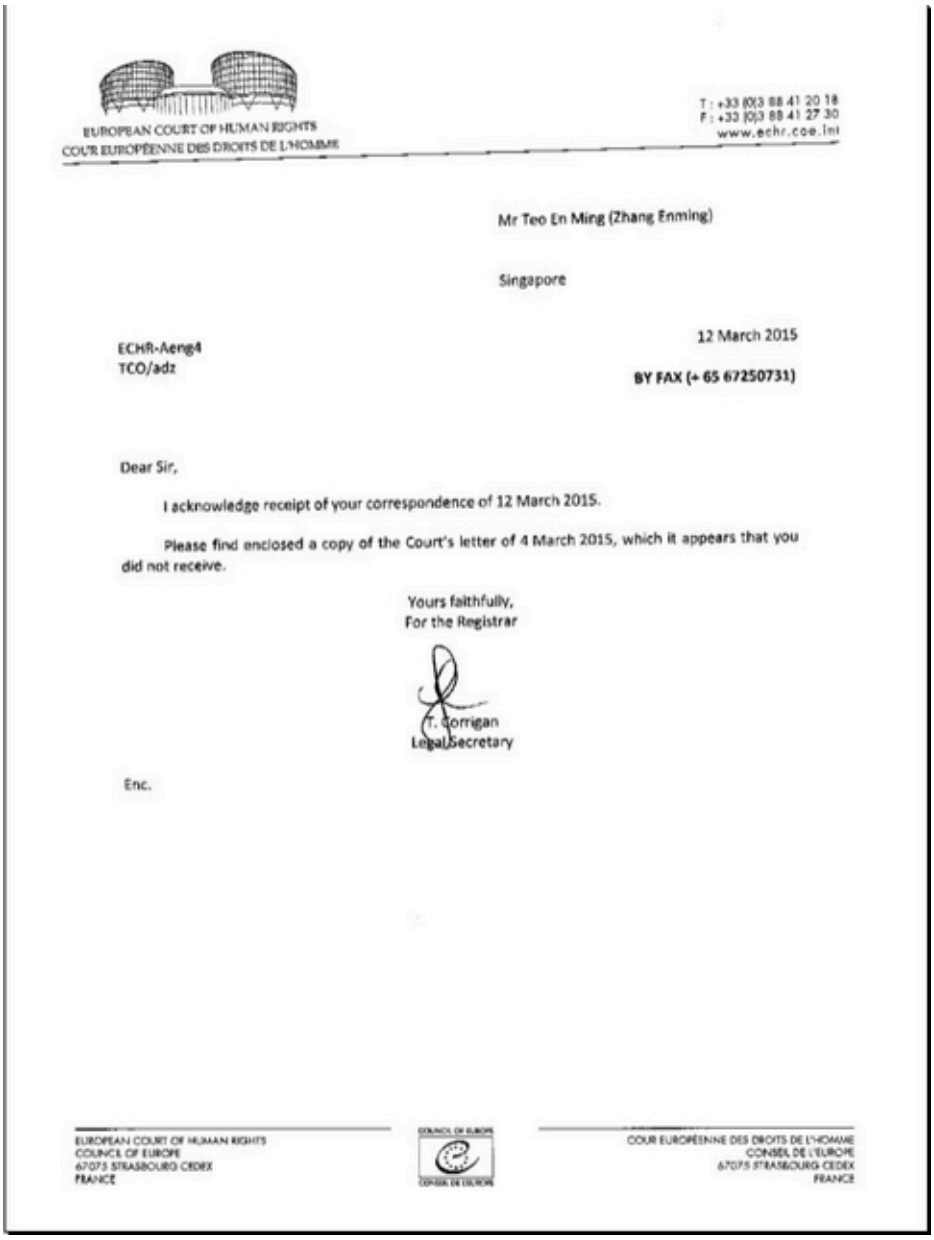

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www.echr.coe.int

Mr Teo En Ming (Zhang Enming)

Singapore

12 March 2015

ECHR-Aeng4
TCO/adz

BY FAX (+ 65 67250731)

Dear Sir,

I acknowledge receipt of your correspondence of 12 March 2015.

Please find enclosed a copy of the Court's letter of 4 March 2015, which it appears that you did not receive.

Yours faithfully,
For the Registrar

T. Corrigan
Legal Secretary

Enc.

EUROPEAN COURT OF HUMAN RIGHTS
COUNCIL OF EUROPE
67075 STRASBOURG CEDEX
FRANCE

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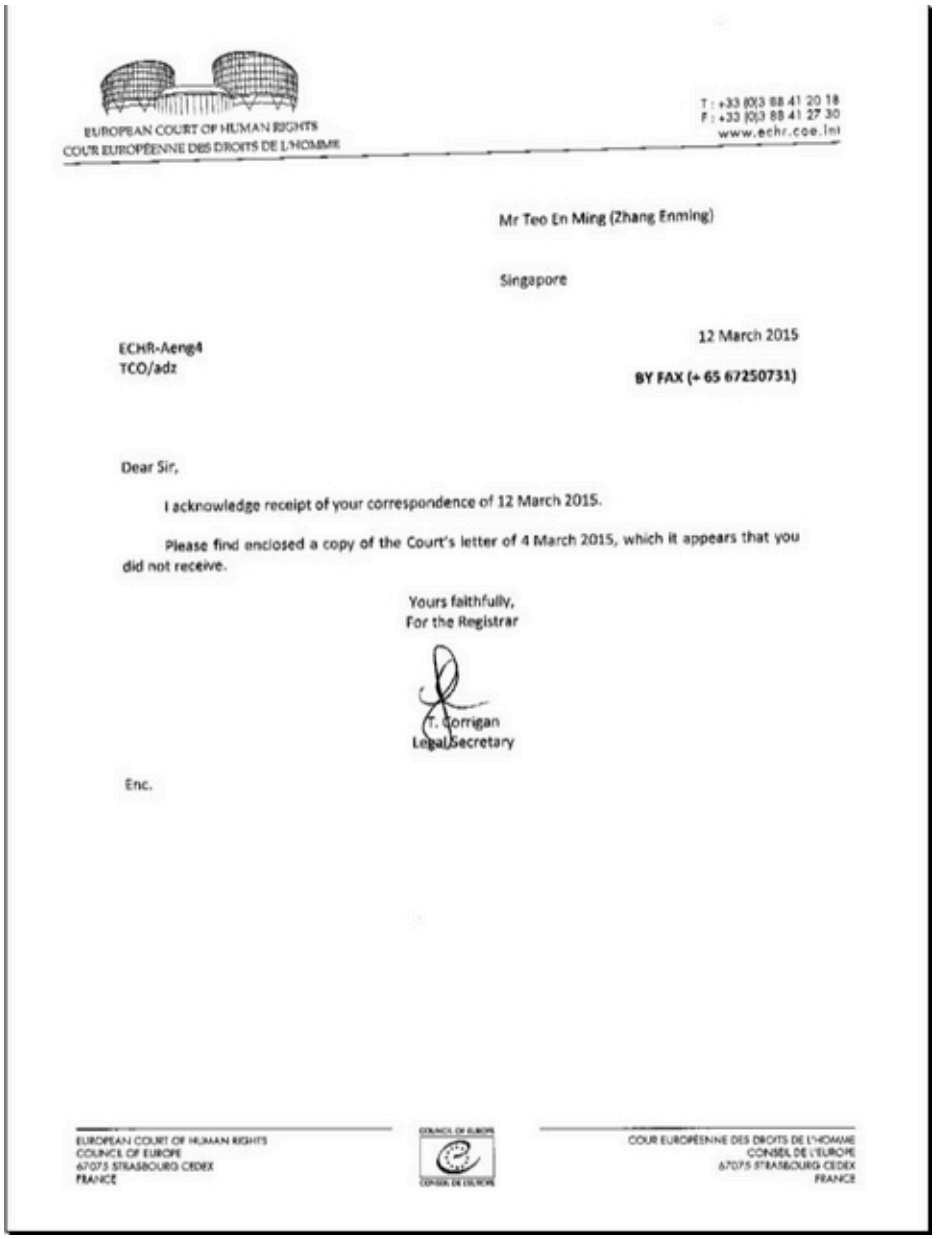

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Mr Teo En Ming (Zhang Enming)

Singapore

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ECHR-Aeng4
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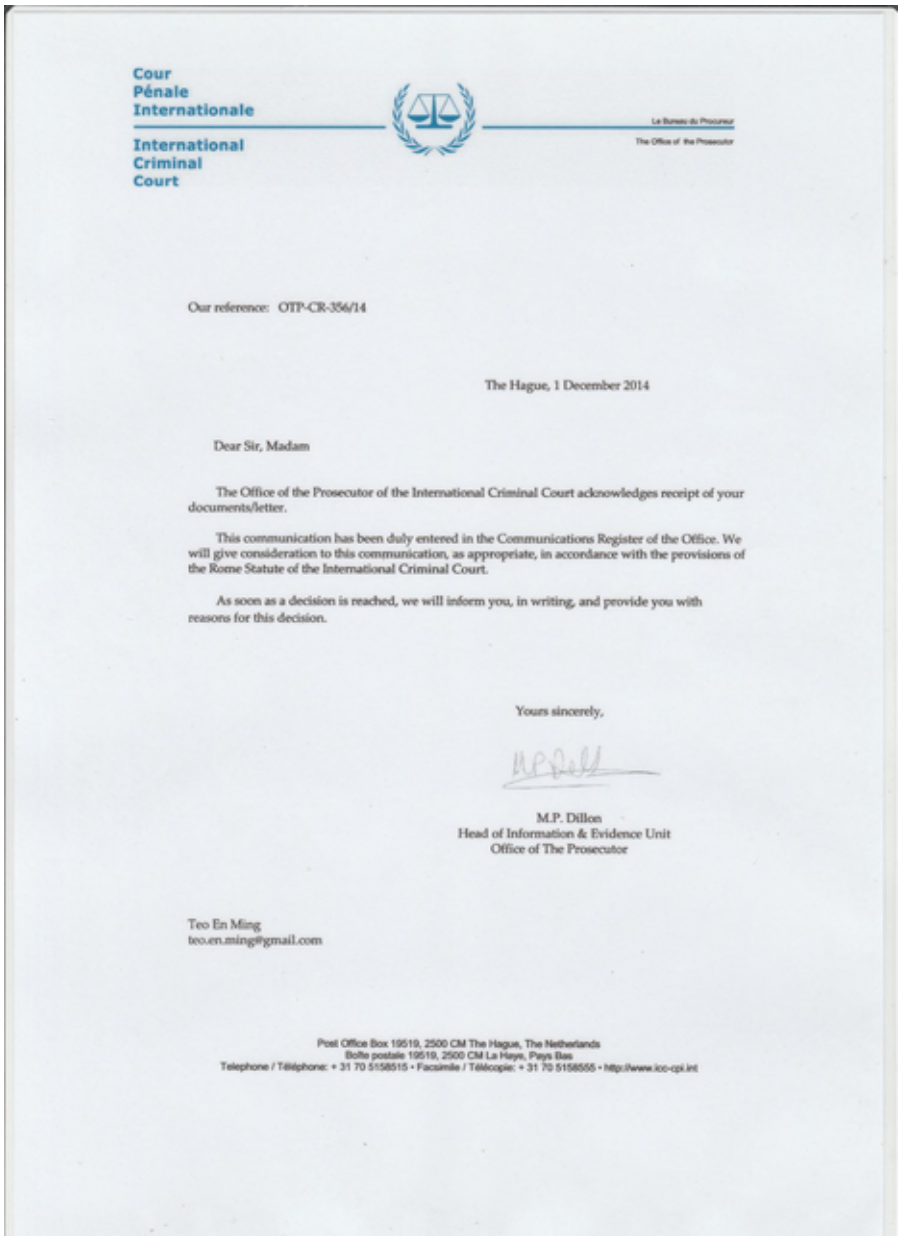

Cour
Pénale
Internationale

International
Criminal
Court

Le Bureau du Procureur
The Office of the Prosecutor

Our reference: OTP-CR-356/14

The Hague, 1 December 2014

Dear Sir, Madam

The Office of the Prosecutor of the International Criminal Court acknowledges receipt of your documents/letter.

This communication has been duly entered in the Communications Register of the Office. We will give consideration to this communication, as appropriate, in accordance with the provisions of the Rome Statute of the International Criminal Court.

As soon as a decision is reached, we will inform you, in writing, and provide you with reasons for this decision.

Yours sincerely,

M.P. Dillon
Head of Information & Evidence Unit
Office of The Prosecutor

Teo En Ming
teo.en.ming@gmail.com

Post Office Box 19519, 2500 CM The Hague, The Netherlands
Boîte postale 19519, 2500 CM La Haye, Pays Bas
Telephone / Téléphone: + 31 70 5158515 • Facsimile / Télécopie: + 31 70 5158555 • http://www.icc-cpi.int

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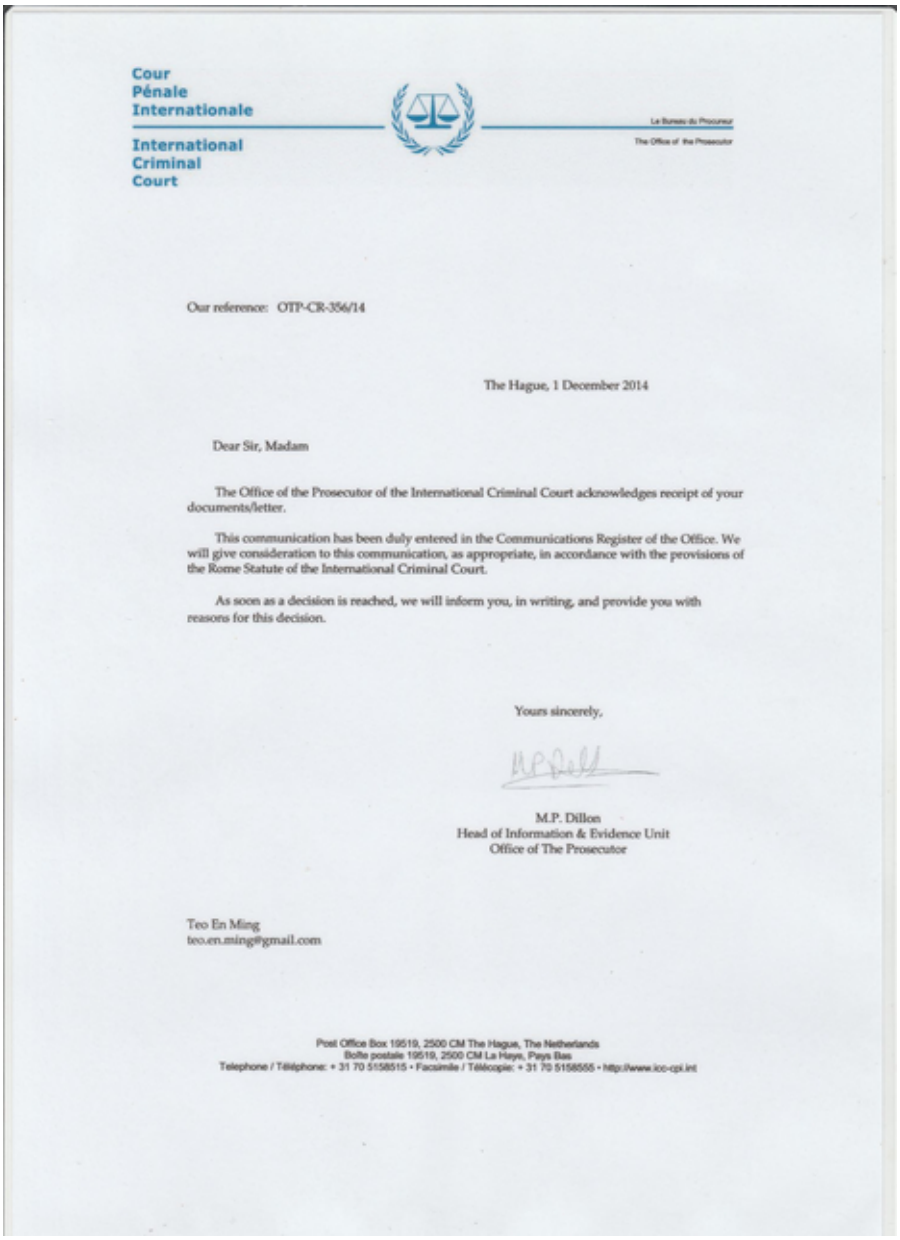

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Le Bureau du Procureur
The Office of the Prosecutor

Our reference: OTP-CR-356/14

The Hague, 1 December 2014

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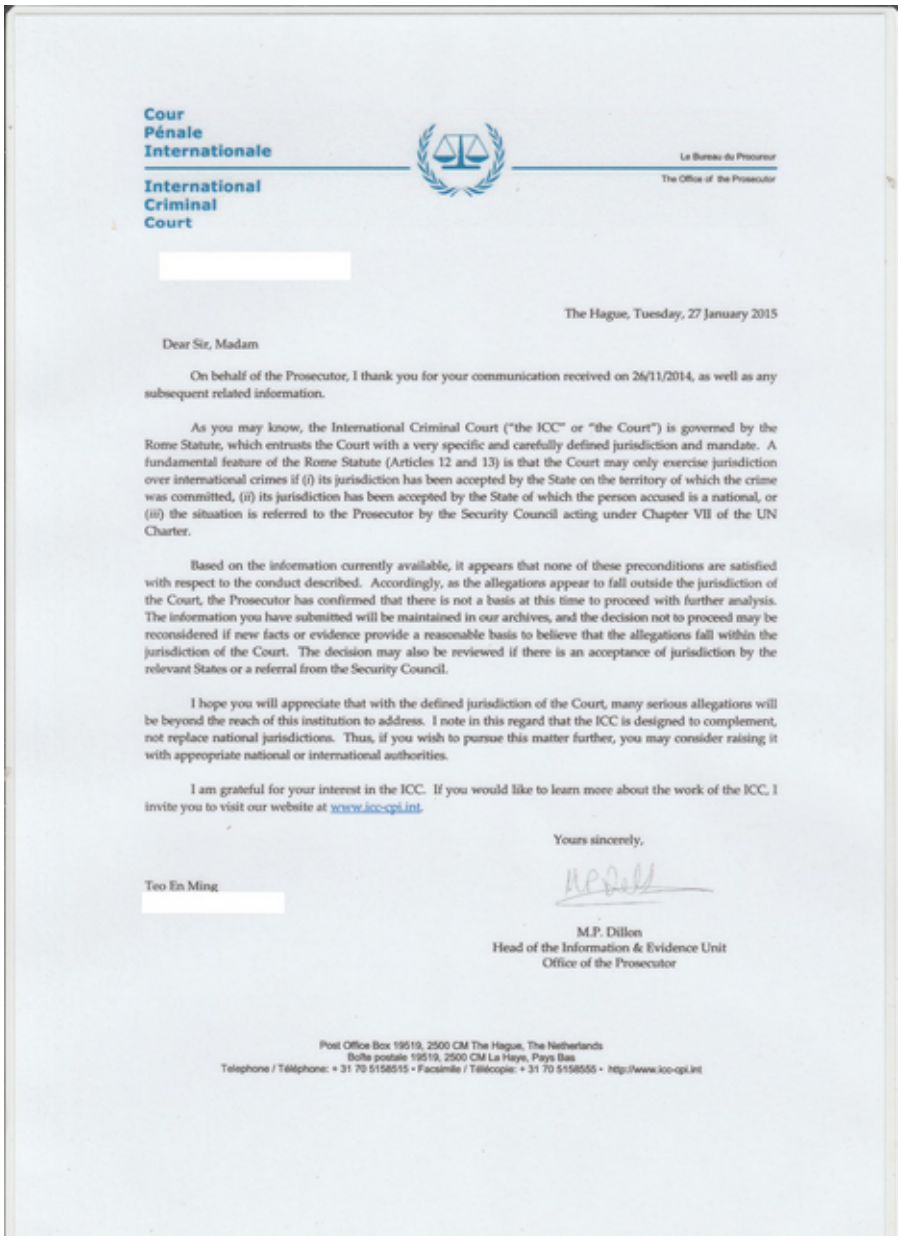

Cour
Pénale
Internationale

International
Criminal
Court

Le Bureau du Procureur
The Office of the Prosecutor

The Hague, Tuesday, 27 January 2015

Dear Sir, Madam

On behalf of the Prosecutor, I thank you for your communication received on 26/11/2014, as well as any subsequent related information.

As you may know, the International Criminal Court ("the ICC" or "the Court") is governed by the Rome Statute, which entrusts the Court with a very specific and carefully defined jurisdiction and mandate. A fundamental feature of the Rome Statute (Articles 12 and 13) is that the Court may only exercise jurisdiction over international crimes if (*i*) its jurisdiction has been accepted by the State on the territory of which the crime was committed, (*ii*) its jurisdiction has been accepted by the State of which the person accused is a national, or (*iii*) the situation is referred to the Prosecutor by the Security Council acting under Chapter VII of the UN Charter.

Based on the information currently available, it appears that none of these preconditions are satisfied with respect to the conduct described. Accordingly, as the allegations appear to fall outside the jurisdiction of the Court, the Prosecutor has confirmed that there is not a basis at this time to proceed with further analysis. The information you have submitted will be maintained in our archives, and the decision not to proceed may be reconsidered if new facts or evidence provide a reasonable basis to believe that the allegations fall within the jurisdiction of the Court. The decision may also be reviewed if there is an acceptance of jurisdiction by the relevant States or a referral from the Security Council.

I hope you will appreciate that with the defined jurisdiction of the Court, many serious allegations will be beyond the reach of this institution to address. I note in this regard that the ICC is designed to complement, not replace national jurisdictions. Thus, if you wish to pursue this matter further, you may consider raising it with appropriate national or international authorities.

I am grateful for your interest in the ICC. If you would like to learn more about the work of the ICC, I invite you to visit our website at www.icc-cpi.int.

Yours sincerely,

Teo En Ming

M.P. Dillon
Head of the Information & Evidence Unit
Office of the Prosecutor

Post Office Box 19519, 2500 CM The Hague, The Netherlands
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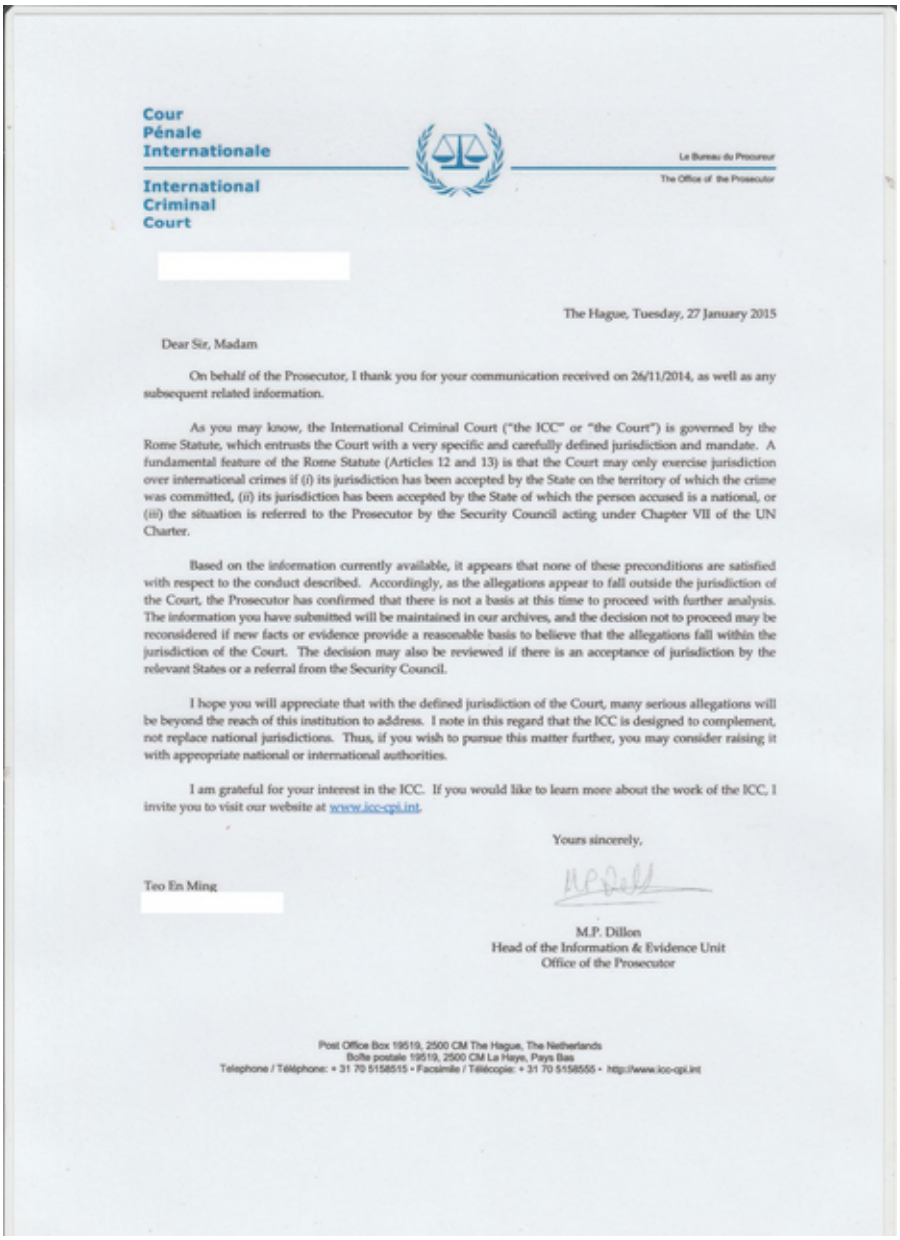

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Le Bureau du Procureur
The Office of the Prosecutor

[redacted]

The Hague, Tuesday, 27 January 2015

Dear Sir, Madam

On behalf of the Prosecutor, I thank you for your communication received on 26/11/2014, as well as any subsequent related information.

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Yours sincerely,

Teo En Ming
[redacted]

M.P. Dillon
Head of the Information & Evidence Unit
Office of the Prosecutor

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Internationale

International
Criminal
Court

Le Bureau du Procureur
The Office of the Prosecutor

Our Reference:

The Hague, Thursday, 02 July 2015

Dear Sir/Madam,

On behalf of the Prosecutor, I thank you for your communication received on 02/03/2015.

I note that your communication concerns matters that are substantially similar in nature to those in a communication you previously submitted to the Office of the Prosecutor. In our response of 27/01/2015 we advised that the matter described in your communication appeared to fall outside the jurisdiction of the International Criminal Court ("the Court"), and the Prosecutor had confirmed that there was not a basis to proceed with further analysis.

The Office of the Prosecutor has carefully examined your latest communication. I regret to advise you that the Prosecutor has confirmed that the communication does not introduce new facts or evidence that would alter the previous determination that there is not a basis to proceed under the Rome Statute. Under the Rome Statute, the Court may only exercise jurisdiction over genocide, crimes against humanity and war crimes, as defined in the Rome Statute (Articles 6 to 8), when committed on or after 1 July 2002 (Article 11). In addition, the Court may only exercise jurisdiction over such crimes committed on the territory of a State that has accepted the jurisdiction of the Court or by a national of such a State (Article 12), or where the Security Council refers the situation to the Court (Article 13). In the light of these requirements, your communication still appears, after careful re-examination, to relate to matters outside the jurisdiction of the Court.

I hope you will appreciate that with the defined jurisdiction of the Court, many serious allegations will be beyond the reach of this institution to address. We are grateful for your continued interest in the International Criminal Court.

Yours sincerely,

Teo En Ming

M.P. Dillon
Head of the Information & Evidence Unit
Office of the Prosecutor

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Cour
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Internationale

International
Criminal
Court

Le Bureau du Procureur
The Office of the Prosecutor

Our Reference:

The Hague, Monday, 02 November 2015

Dear Sir/Madam,

On behalf of the Prosecutor, I acknowledge receipt of your communication received on 06/08/2015.

According to our records, you have sent three or more communications to the Office of the Prosecutor dealing with matters which are substantially the same as those already examined by it.

As noted in our previous responses, the matter described in your communications does not appear to fall within the jurisdiction of the International Criminal Court ("the Court"), and the Prosecutor has confirmed that there is not a basis to proceed with further analysis in the absence of new facts or evidence.

The Office has carefully examined your latest communication and has re-confirmed that it does not introduce new facts or evidence altering the conclusion that there is not a basis to proceed under the Statute.

I hope you will understand that the Court is governed by Rome Statute, which provides a very specific and carefully defined jurisdiction and mandate over the most serious crimes of concern to the international community as a whole, under strict conditions specified under the Statute. As a result, many serious allegations will be beyond the reach of this institution to address.

Please understand that, given our carefully defined mandate and limited resources, where a person submits a succession of communications or seeks repeatedly to re-introduce the same matter, the Office is not able to continue further correspondence with that person on subsequent related communications.

Yours sincerely,

Teo En Ming

M.P. Dillon
Head of the Information & Evidence Unit
Office of the Prosecutor

Post Office Box 19519, 2500 CM The Hague, The Netherlands
Boîte postale 19519, 2500 CM La Haye, Pays Bas
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Cour
Pénale
Internationale

International
Criminal
Court

Le Bureau du Procureur
The Office of the Prosecutor

Our Reference:

The Hague, Monday, 02 November 2015

Dear Sir/Madam,

On behalf of the Prosecutor, I acknowledge receipt of your communication received on 06/08/2015.

According to our records, you have sent three or more communications to the Office of the Prosecutor dealing with matters which are substantially the same as those already examined by it.

As noted in our previous responses, the matter described in your communications does not appear to fall within the jurisdiction of the International Criminal Court ("the Court"), and the Prosecutor has confirmed that there is not a basis to proceed with further analysis in the absence of new facts or evidence.

The Office has carefully examined your latest communication and has re-confirmed that it does not introduce new facts or evidence altering the conclusion that there is not a basis to proceed under the Statute.

I hope you will understand that the Court is governed by Rome Statute, which provides a very specific and carefully defined jurisdiction and mandate over the most serious crimes of concern to the international community as a whole, under strict conditions specified under the Statute. As a result, many serious allegations will be beyond the reach of this institution to address.

Please understand that, given our carefully defined mandate and limited resources, where a person submits a succession of communications or seeks repeatedly to re-introduce the same matter, the Office is not able to continue further correspondence with that person on subsequent related communications.

Yours sincerely,

Teo En Ming

M.P. Dillon
Head of the Information & Evidence Unit
Office of the Prosecutor

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Ministry of Justice

Human Rights Policy
Law and Access to Justice Group
Postpoint 6.16
Ministry of Justice,
102 Petty France
London
SW1H 9AJ

E humanrights@justice.gsi.gov.uk
www.justice.gov.uk

Mr T Ming

Sent by email to: teo-en-ming@sg.teo-en-ming.com

10 November 2014

Dear Mr Ming,

Reference LM/055/004/007/2

Thank you for sending us a copy of your letter of 10 October, to the Office of the United Nations High Commissioner for Human Rights.

I regret that the human rights team is not able to provide advice or assistance in relation to individual cases as we are a team that provides advice to Ministers about human rights policy in the UK, and are not legal advocates. Where a person believes their rights have been breached or that a public authority has not fulfilled its obligations, we would normally suggest that the person consider seeking professional advice or assistance. Unfortunately as you are currently resident outside of the UK I am unable to suggest any organisations that may be able to help you.

You may therefore wish to consider whether it is possible to obtain new advice and/or representation locally. There may also be voluntary organisations that will assist with these matters.

Yours sincerely

Ms C Eneh

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Ministry of Justice

Human Rights Policy
Law and Access to Justice Group
Postpoint 6.16
Ministry of Justice,
102 Petty France
London
SW1H 9AJ

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Yours sincerely

Ms C Eneh

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A must read for All Targeted Individuals: The Lieber Research Group at Harvard University

(2020-12-12 18:19) - Turritopsis Dohrnii Teo En Ming

Subject: A must read for All Targeted Individuals: The Lieber Research Group at Harvard University

As a Targeted Individual, have you ever wondered why your government could read your mind/thoughts easily 24x7 and also make you hear menacing/threatening voices?

Rest assured you are not crazy. All these could be done using science and technology.

There is absolutely no need to have a brain surgery to have nanomaterial brain implants.

You can read more about the Lieber Research Group at Harvard University.

The Link: http://cml.harvard.edu/

The website of the Lieber Research Group at Harvard University says:

"The Lieber group is focused broadly on science and technology at the nanoscale, harnessing the unique physical properties of novel nanomaterials to push scientific boundaries in biology and medicine.

We are focusing on a novel approach for integrating electronics within the brain and other areas of the nervous system, which involves non-invasive syringe delivery of neural network-like mesh electronics into targeted distinct brain regions. See Research page."

As you can see from the statements above, it is absolutely not necessary to have a brain surgery to have nanomaterial brain implaints. Your government is able to deliver neural network-like mesh electronics into targeted distinct brain regions using non-invasive syringe delivery.

REFERENCES

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[1] [1]http://lists.linuxfromscratch.org/pipermail/lfs-chat/2020-December/029 168.html

[2] [2]https://lkml.org/lkml/2020/12/12/35

[3] [3]http://lkml.iu.edu/hypermail/linux/kernel/2012.1/05791.html

[4] [4]https://marc.info/?l=linux-kernel &m=160776777504253 &w=2

[5] [5]https://lwn.net/ml/linux-kernel/534e265eb9e50417c3f8628f9760f53d %40teo-en-ming.com/

1. http://lists.linuxfromscratch.org/pipermail/lfs-chat/2020-December/029168.html
2. https://lkml.org/lkml/2020/12/12/35
3. http://lkml.iu.edu/hypermail/linux/kernel/2012.1/05791.html
4. https://marc.info/?l=linux-kernel&m=160776777504253&w=2
5. https://lwn.net/ml/linux-kernel/534e265eb9e50417c3f8628f9760f53d%40teo-en-ming.com/

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A must read for All Targeted Individuals: The Lieber Research Group at Harvard University

(2020-12-12 17:45) - Turritopsis Dohrnii Teo En Ming

Subject: A must read for All Targeted Individuals: The Lieber Research Group at Harvard University

As a Targeted Individual, have you ever wondered why your government could read your mind/thoughts easily 24x7 and also make you hear menacing/threatening voices?

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REFERENCES

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[1] [1]http://lists.linuxfromscratch.org/pipermail/lfs-chat/2020-December/029 168.html

1. `http://lists.linuxfromscratch.org/pipermail/lfs-chat/2020-December/029168.html`

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Teo En Ming's Correspondences with International Courts (22) (2020-12-12 17:32) - Turritopsis Dohrnii Teo En Ming

Cour
Pénale
Internationale

International
Criminal
Court

Le Bureau du Procureur
The Office of the Prosecutor

Our Reference:

The Hague, Monday, 02 November 2015

Dear Sir/Madam,

On behalf of the Prosecutor, I acknowledge receipt of your communication received on 06/08/2015.

According to our records, you have sent three or more communications to the Office of the Prosecutor dealing with matters which are substantially the same as those already examined by it.

As noted in our previous responses, the matter described in your communications does not appear to fall within the jurisdiction of the International Criminal Court ("the Court"), and the Prosecutor has confirmed that there is not a basis to proceed with further analysis in the absence of new facts or evidence.

The Office has carefully examined your latest communication and has re-confirmed that it does not introduce new facts or evidence altering the conclusion that there is not a basis to proceed under the Statute.

I hope you will understand that the Court is governed by Rome Statute, which provides a very specific and carefully defined jurisdiction and mandate over the most serious crimes of concern to the international community as a whole, under strict conditions specified under the Statute. As a result, many serious allegations will be beyond the reach of this institution to address.

Please understand that, given our carefully defined mandate and limited resources, where a person submits a succession of communications or seeks repeatedly to re-introduce the same matter, the Office is not able to continue further correspondence with that person on subsequent related communications.

Yours sincerely,

Teo En Ming

M.P. Dillon
Head of the Information & Evidence Unit
Office of the Prosecutor

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Le Bureau du Procureur
The Office of the Prosecutor

Our Reference:

The Hague, Monday, 02 November 2015

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The Office has carefully examined your latest communication and has re-confirmed that it does not introduce new facts or evidence altering the conclusion that there is not a basis to proceed under the Statute.

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Yours sincerely,

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Cour
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International
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Court

Le Bureau du Procureur
The Office of the Prosecutor

Our Reference:

The Hague, Thursday, 02 July 2015

Dear Sir/Madam,

On behalf of the Prosecutor, I thank you for your communication received on 02/03/2015.

I note that your communication concerns matters that are substantially similar in nature to those in a communication you previously submitted to the Office of the Prosecutor. In our response of 27/01/2015 we advised that the matter described in your communication appeared to fall outside the jurisdiction of the International Criminal Court ("the Court"), and the Prosecutor had confirmed that there was not a basis to proceed with further analysis.

The Office of the Prosecutor has carefully examined your latest communication. I regret to advise you that the Prosecutor has confirmed that the communication does not introduce new facts or evidence that would alter the previous determination that there is not a basis to proceed under the Rome Statute. Under the Rome Statute, the Court may only exercise jurisdiction over genocide, crimes against humanity and war crimes, as defined in the Rome Statute (Articles 6 to 8), when committed on or after 1 July 2002 (Article 11). In addition, the Court may only exercise jurisdiction over such crimes committed on the territory of a State that has accepted the jurisdiction of the Court or by a national of such a State (Article 12), or where the Security Council refers the situation to the Court (Article 13). In the light of these requirements, your communication still appears, after careful re-examination, to relate to matters outside the jurisdiction of the Court.

I hope you will appreciate that with the defined jurisdiction of the Court, many serious allegations will be beyond the reach of this institution to address. We are grateful for your continued interest in the International Criminal Court.

Yours sincerely,

Teo En Ming

M.P. Dillon
Head of the Information & Evidence Unit
Office of the Prosecutor

Post Office Box 19519, 2500 CM The Hague, The Netherlands
Boîte postale 19519, 2500 CM La Haye, Pays Bas
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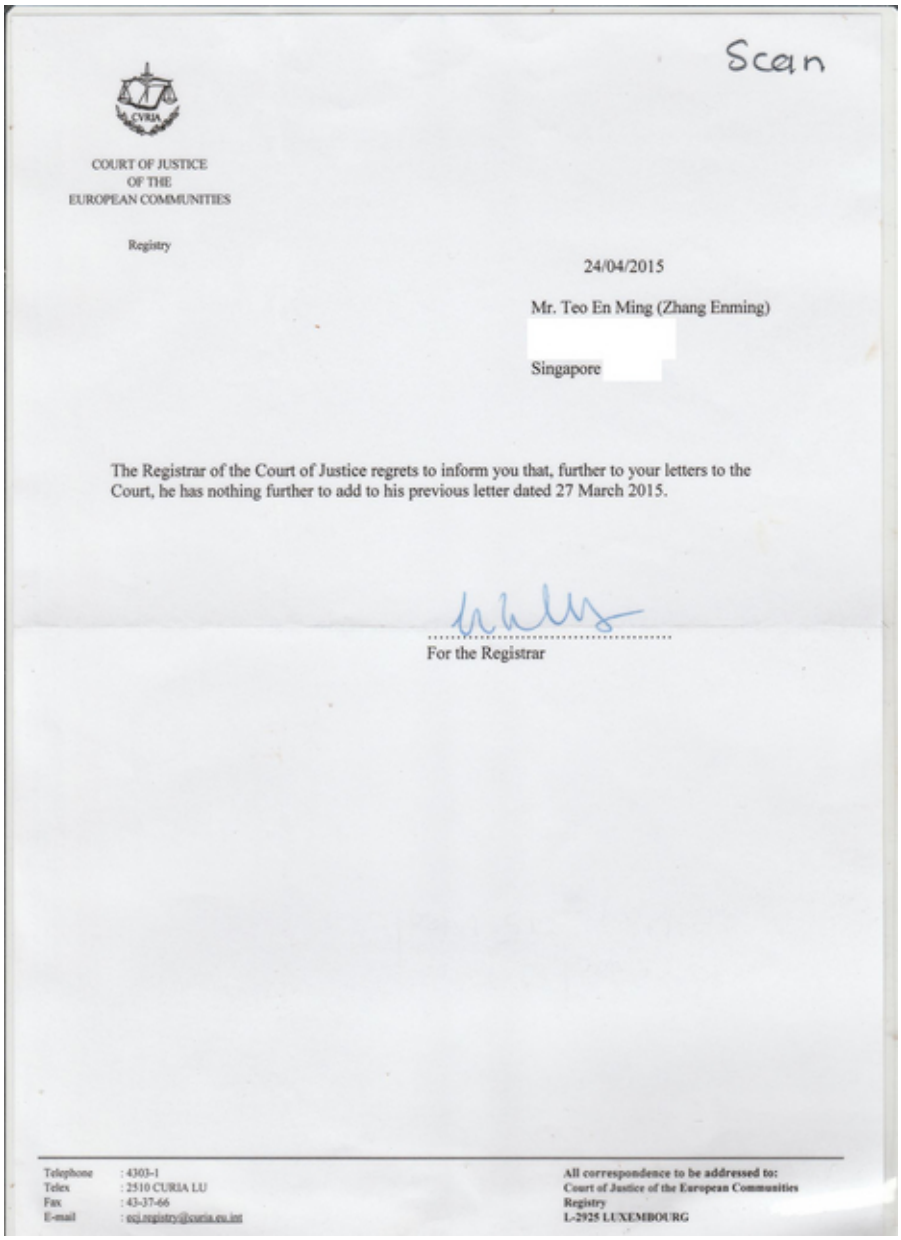

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COURT OF JUSTICE
OF THE
EUROPEAN COMMUNITIES

Registry

24/04/2015

Mr. Teo En Ming (Zhang Enming)

Singapore

The Registrar of the Court of Justice regrets to inform you that, further to your letters to the Court, he has nothing further to add to his previous letter dated 27 March 2015.

For the Registrar

Telephone : 4303-1
Telex : 2510 CURIA LU
Fax : 43-37-66
E-mail : ecj.registry@curia.eu.int

All correspondence to be addressed to:
Court of Justice of the European Communities
Registry
L-2925 LUXEMBOURG

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EUROPEAN COURT OF HUMAN RIGHTS
COUR EUROPÉENNE DES DROITS DE L'HOMME

COPIE

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F. +33 (0)3 88 41 27 30
www.echr.coe.int

Mr Teo En Ming (Zhang Enming)

Singapore

4 March 2015

ECHR-Aeng4
ESL/adz

Dear Sir,

I acknowledge receipt of your correspondence of 2 March 2015.

The European Court of Human Rights can only receive complaints directed against States which are Parties to the European Convention on Human Rights.

The State you mention is not a Party to the Convention and the Court cannot therefore deal with your case.

Yours faithfully,
For the Registrar

E. Slade
Legal Secretary

EUROPEAN COURT OF HUMAN RIGHTS
COUNCIL OF EUROPE
67075 STRASBOURG CEDEX
FRANCE

COUNCIL OF EUROPE
CONSEIL DE L'EUROPE

COUR EUROPÉENNE DES DROITS DE L'HOMME
CONSEIL DE L'EUROPE
67075 STRASBOURG CEDEX
FRANCE

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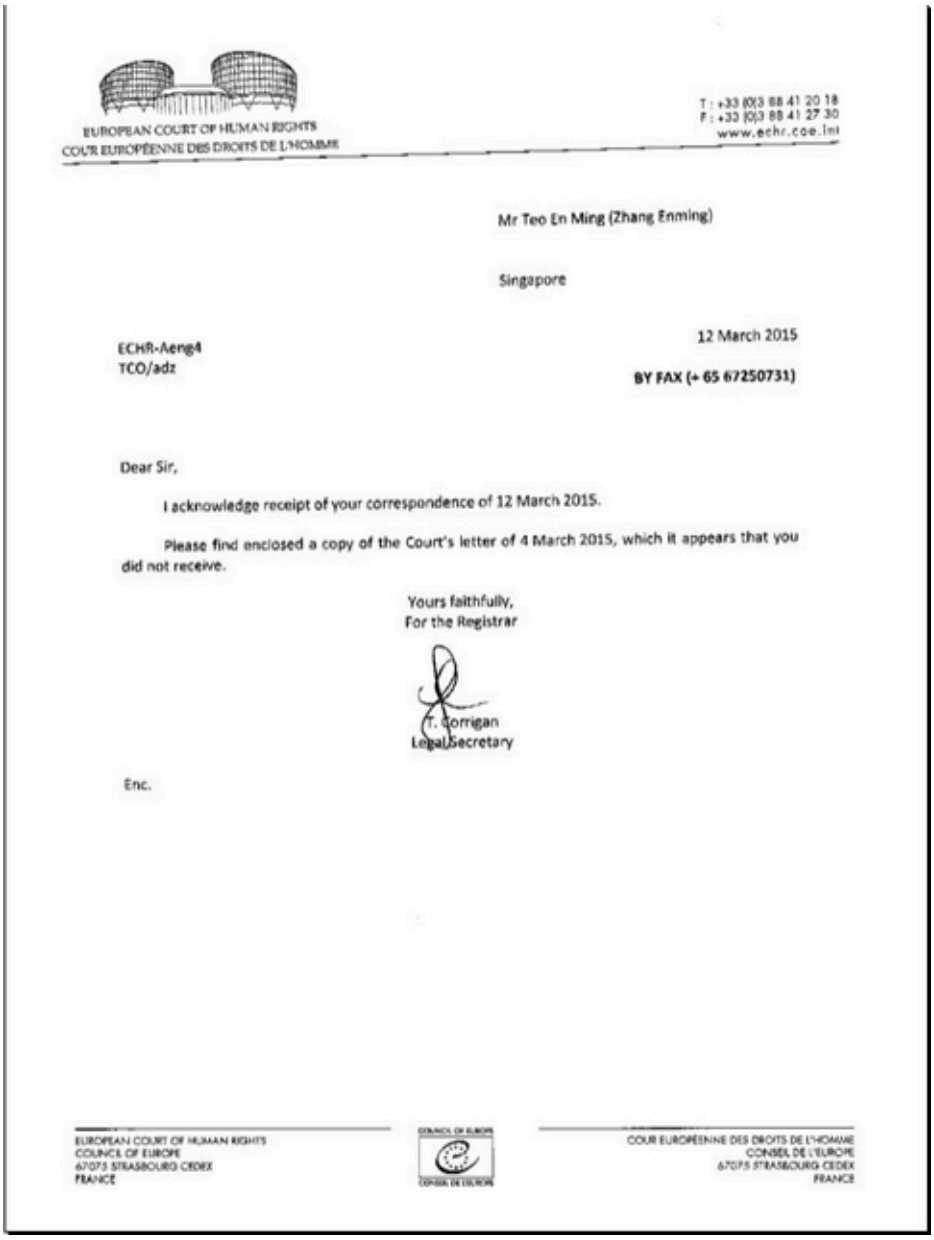

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F : +33 (0)3 88 41 27 30
www.echr.coe.int

Mr Teo En Ming (Zhang Enming)

Singapore

ECHR-Aeng4
TCO/adz

12 March 2015

BY FAX (+ 65 67250731)

Dear Sir,

I acknowledge receipt of your correspondence of 12 March 2015.

Please find enclosed a copy of the Court's letter of 4 March 2015, which it appears that you did not receive.

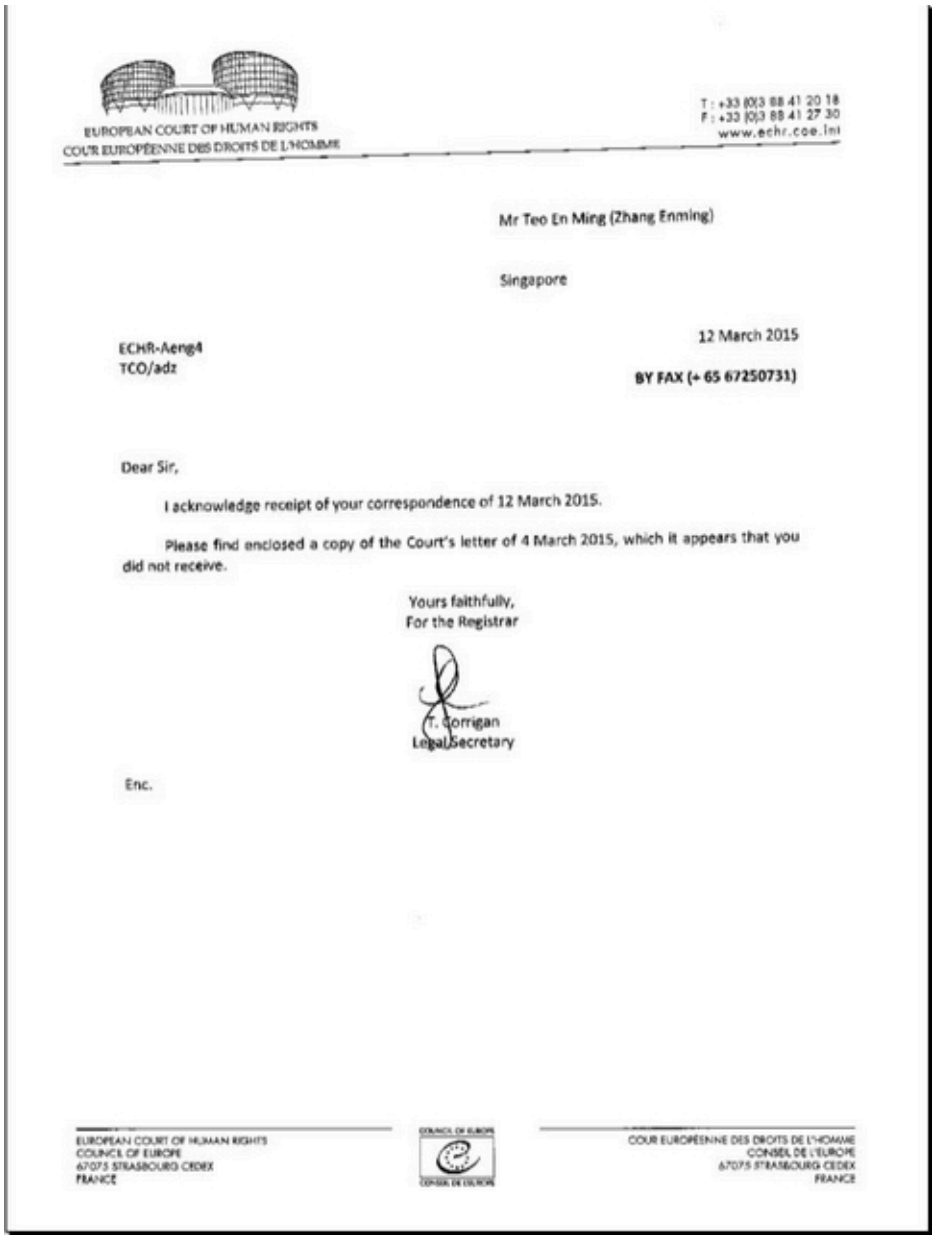
Yours faithfully,
For the Registrar

T. Corrigan
Legal Secretary

Enc.

EUROPEAN COURT OF HUMAN RIGHTS
COUNCIL OF EUROPE
67075 STRASBOURG CEDEX
FRANCE

COUR EUROPÉENNE DES DROITS DE L'HOMME
CONSEIL DE L'EUROPE
67075 STRASBOURG CEDEX
FRANCE



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Singapore

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TCO/adz

BY FAX (+ 65 67250731)

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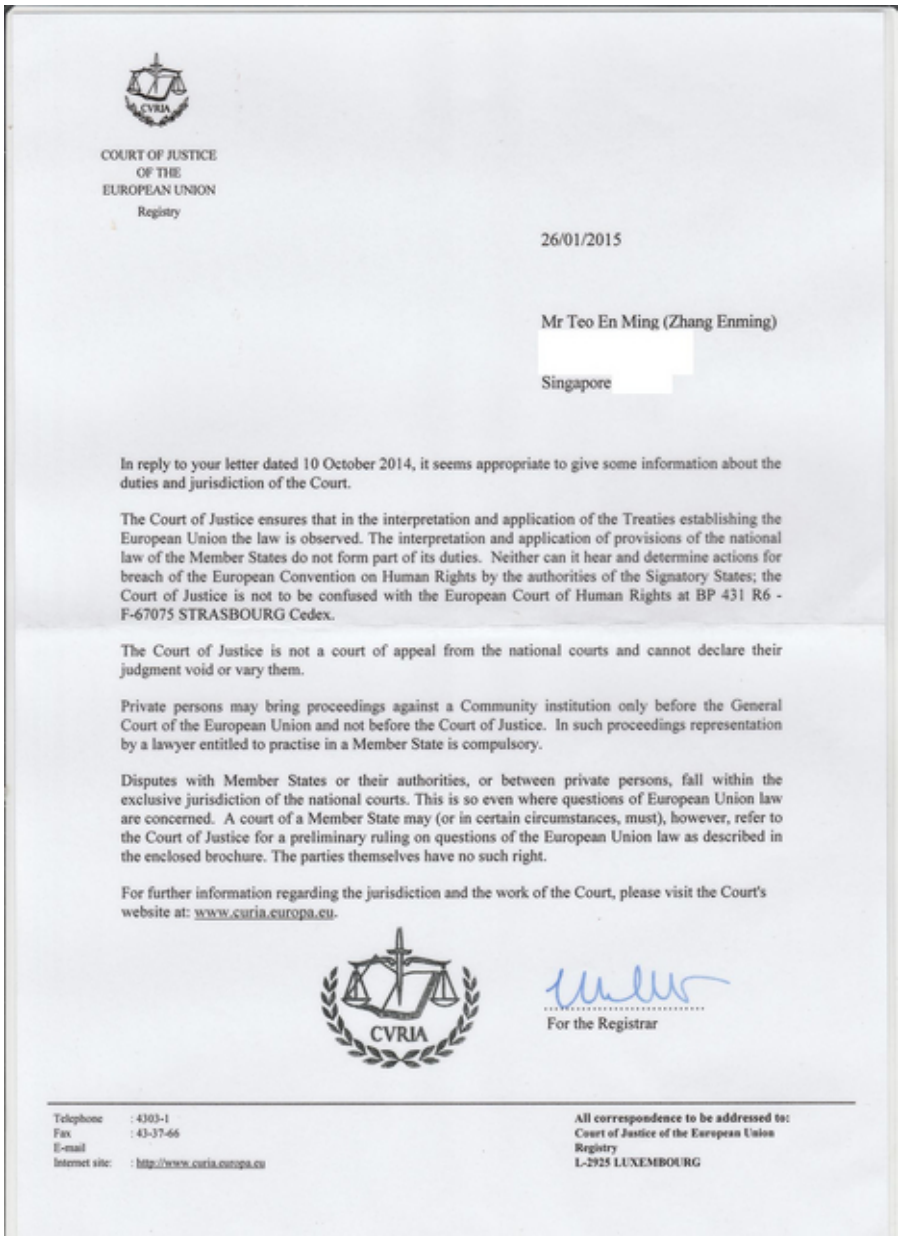

COURT OF JUSTICE
OF THE
EUROPEAN UNION
Registry

26/01/2015

Mr Teo En Ming (Zhang Enming)

Singapore

In reply to your letter dated 10 October 2014, it seems appropriate to give some information about the duties and jurisdiction of the Court.

The Court of Justice ensures that in the interpretation and application of the Treaties establishing the European Union the law is observed. The interpretation and application of provisions of the national law of the Member States do not form part of its duties. Neither can it hear and determine actions for breach of the European Convention on Human Rights by the authorities of the Signatory States; the Court of Justice is not to be confused with the European Court of Human Rights at BP 431 R6 - F-67075 STRASBOURG Cedex.

The Court of Justice is not a court of appeal from the national courts and cannot declare their judgment void or vary them.

Private persons may bring proceedings against a Community institution only before the General Court of the European Union and not before the Court of Justice. In such proceedings representation by a lawyer entitled to practise in a Member State is compulsory.

Disputes with Member States or their authorities, or between private persons, fall within the exclusive jurisdiction of the national courts. This is so even where questions of European Union law are concerned. A court of a Member State may (or in certain circumstances, must), however, refer to the Court of Justice for a preliminary ruling on questions of the European Union law as described in the enclosed brochure. The parties themselves have no such right.

For further information regarding the jurisdiction and the work of the Court, please visit the Court's website at: www.curia.europa.eu.

CVRIA

For the Registrar

Telephone : 4303-1
Fax : 43-37-66
E-mail
Internet site : http://www.curia.europa.eu

All correspondence to be addressed to:
Court of Justice of the European Union
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L-2925 LUXEMBOURG

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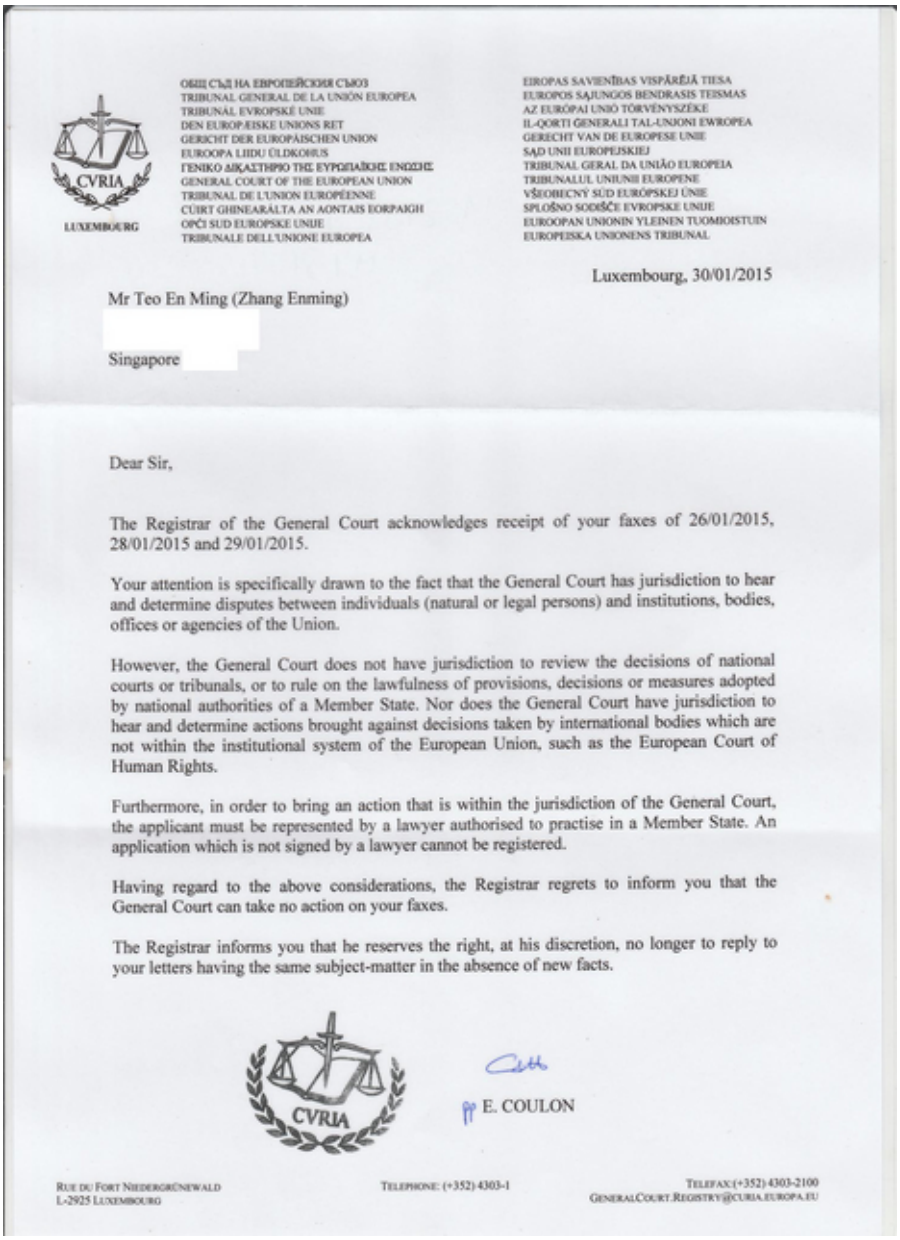

ОБЩИ СЪД НА ЕВРОПЕЙСКИЯ СЪЮЗ
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TRIBUNAL EVROPSKÉ UNIE
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ΓΕΝΙΚΟ ΔΙΚΑΣΤΗΡΙΟ ΤΗΣ ΕΥΡΩΠΑΪΚΗΣ ΕΝΩΣΗΣ
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CÚIRT GHINEARÁLTA AN AONTAIS EORPAIGH
OPĆI SUD EUROPSKE UNIJE
TRIBUNALE DELL'UNIONE EUROPEA
EIROPAS SAVIENĪBAS VISPĀRĒJĀ TIESA
EUROPOS SĄJUNGOS BENDRASIS TEISMAS
AZ EURÓPAI UNIÓ TÖRVÉNYSZÉKE
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SĄD UNII EUROPEJSKIEJ
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TRIBUNALUL UNIUNII EUROPENE
VŠEOBECNÝ SÚD EURÓPSKEJ ÚNIE
SPLOŠNO SODIŠČE EVROPSKE UNIJE
EUROOPAN UNIONIN YLEINEN TUOMIOISTUIN
EUROPEISKA UNIONENS TRIBUNAL

LUXEMBOURG

Luxembourg, 30/01/2015

Mr Teo En Ming (Zhang Enming)

Singapore

Dear Sir,

The Registrar of the General Court acknowledges receipt of your faxes of 26/01/2015, 28/01/2015 and 29/01/2015.

Your attention is specifically drawn to the fact that the General Court has jurisdiction to hear and determine disputes between individuals (natural or legal persons) and institutions, bodies, offices or agencies of the Union.

However, the General Court does not have jurisdiction to review the decisions of national courts or tribunals, or to rule on the lawfulness of provisions, decisions or measures adopted by national authorities of a Member State. Nor does the General Court have jurisdiction to hear and determine actions brought against decisions taken by international bodies which are not within the institutional system of the European Union, such as the European Court of Human Rights.

Furthermore, in order to bring an action that is within the jurisdiction of the General Court, the applicant must be represented by a lawyer authorised to practise in a Member State. An application which is not signed by a lawyer cannot be registered.

Having regard to the above considerations, the Registrar regrets to inform you that the General Court can take no action on your faxes.

The Registrar informs you that he reserves the right, at his discretion, no longer to reply to your letters having the same subject-matter in the absence of new facts.

p° E. COULON

RUE DU FORT NIEDERGRÜNEWALD
L-2925 LUXEMBOURG

TELEPHONE: (+352) 4303-1

TELEFAX: (+352) 4303-2100
GENERALCOURT.REGISTRY@CURIA.EUROPA.EU

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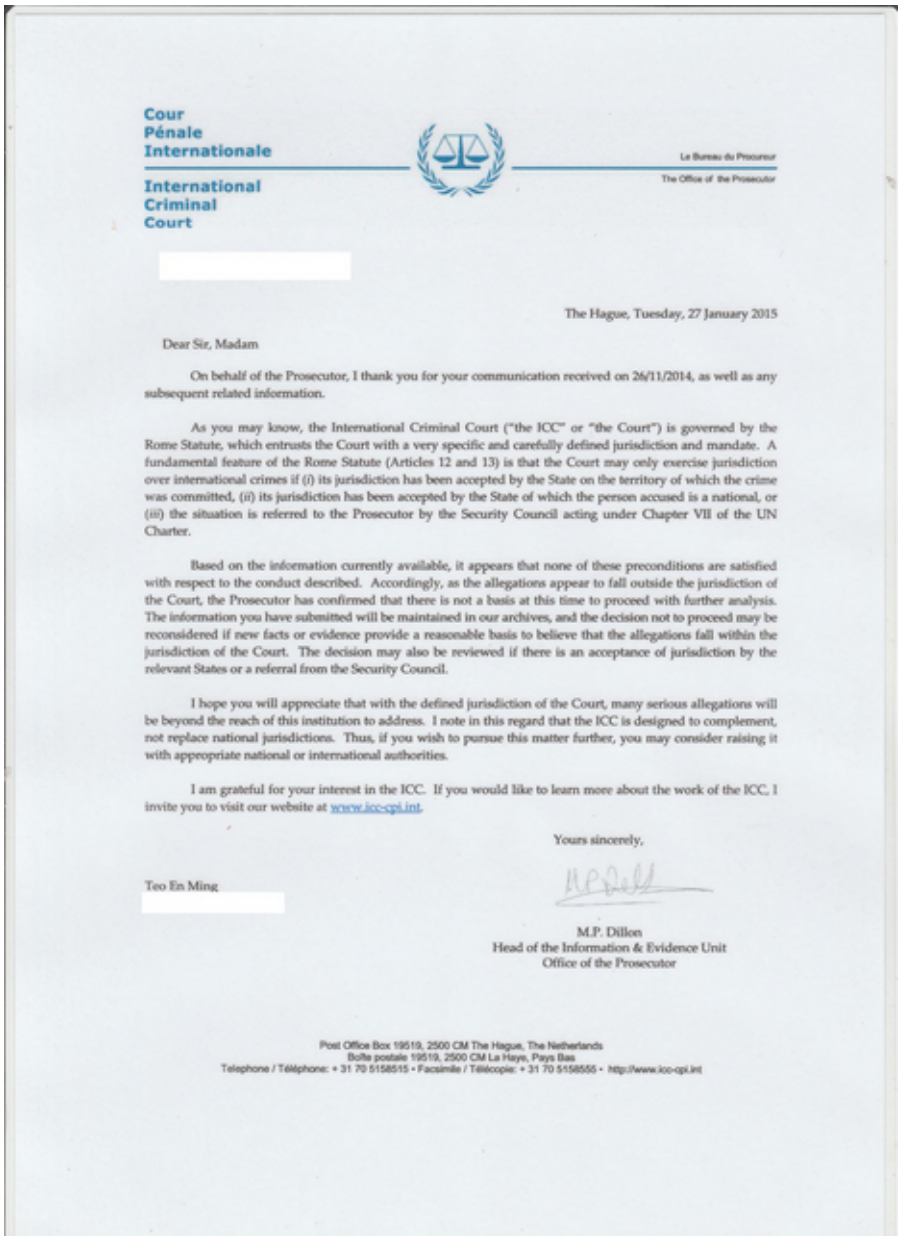

Cour
Pénale
Internationale

International
Criminal
Court

Le Bureau du Procureur
The Office of the Prosecutor

The Hague, Tuesday, 27 January 2015

Dear Sir, Madam

On behalf of the Prosecutor, I thank you for your communication received on 26/11/2014, as well as any subsequent related information.

As you may know, the International Criminal Court ("the ICC" or "the Court") is governed by the Rome Statute, which entrusts the Court with a very specific and carefully defined jurisdiction and mandate. A fundamental feature of the Rome Statute (Articles 12 and 13) is that the Court may only exercise jurisdiction over international crimes if (*i*) its jurisdiction has been accepted by the State on the territory of which the crime was committed, (*ii*) its jurisdiction has been accepted by the State of which the person accused is a national, or (*iii*) the situation is referred to the Prosecutor by the Security Council acting under Chapter VII of the UN Charter.

Based on the information currently available, it appears that none of these preconditions are satisfied with respect to the conduct described. Accordingly, as the allegations appear to fall outside the jurisdiction of the Court, the Prosecutor has confirmed that there is not a basis at this time to proceed with further analysis. The information you have submitted will be maintained in our archives, and the decision not to proceed may be reconsidered if new facts or evidence provide a reasonable basis to believe that the allegations fall within the jurisdiction of the Court. The decision may also be reviewed if there is an acceptance of jurisdiction by the relevant States or a referral from the Security Council.

I hope you will appreciate that with the defined jurisdiction of the Court, many serious allegations will be beyond the reach of this institution to address. I note in this regard that the ICC is designed to complement, not replace national jurisdictions. Thus, if you wish to pursue this matter further, you may consider raising it with appropriate national or international authorities.

I am grateful for your interest in the ICC. If you would like to learn more about the work of the ICC, I invite you to visit our website at www.icc-cpi.int.

Yours sincerely,

Teo En Ming

M.P. Dillon
Head of the Information & Evidence Unit
Office of the Prosecutor

Post Office Box 19519, 2500 CM The Hague, The Netherlands
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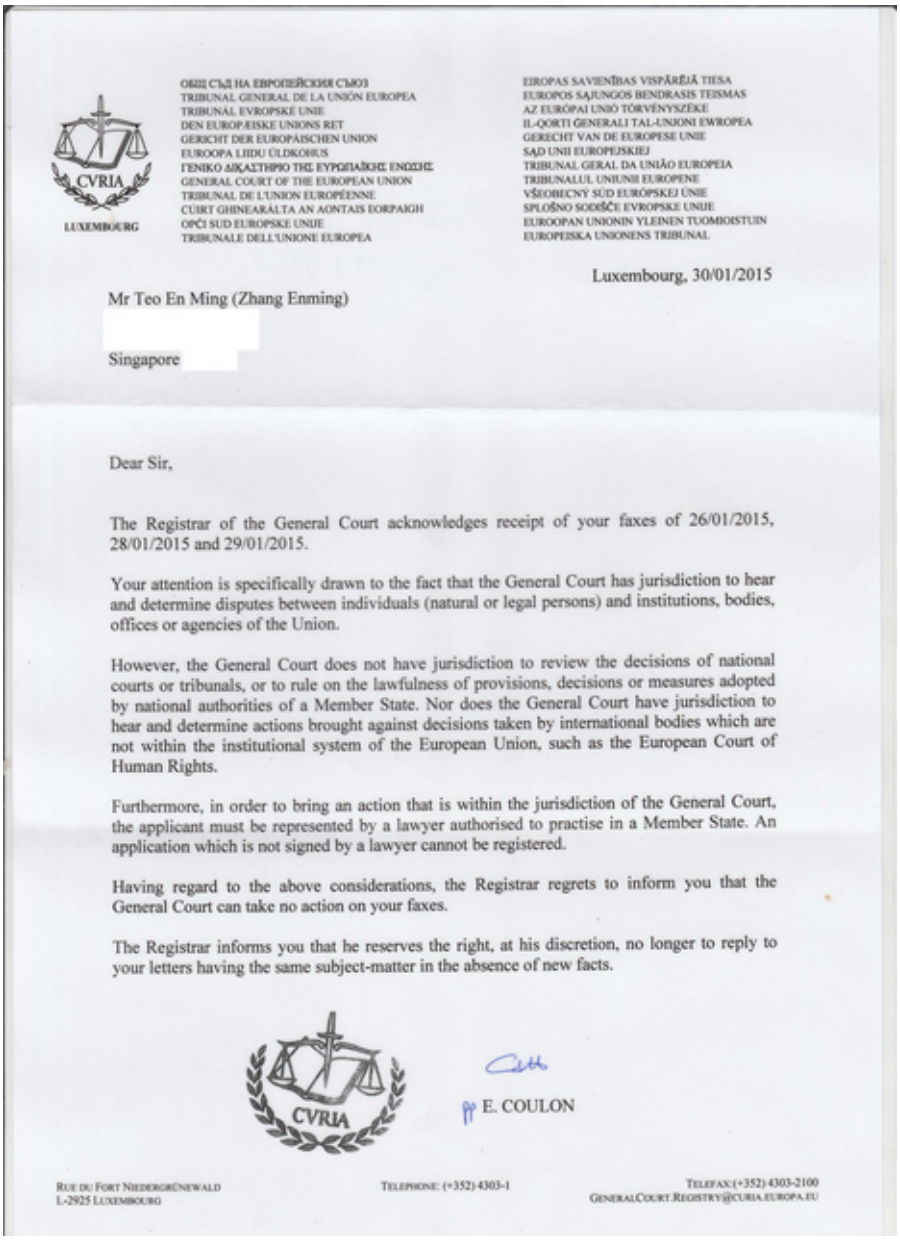

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GERECHT VAN DE EUROPESE UNIE
SĄD UNII EUROPEJSKIEJ
TRIBUNAL GERAL DA UNIÃO EUROPEIA
TRIBUNALUL UNIUNII EUROPENE
VŠEOBECNÝ SÚD EURÓPSKEJ ÚNIE
SPLOŠNO SODIŠČE EVROPSKE UNIJE
EUROOPAN UNIONIN YLEINEN TUOMIOISTUIN
EUROPEISKA UNIONENS TRIBUNAL

LUXEMBOURG

Luxembourg, 30/01/2015

Mr Teo En Ming (Zhang Enming)

Singapore

Dear Sir,

The Registrar of the General Court acknowledges receipt of your faxes of 26/01/2015, 28/01/2015 and 29/01/2015.

Your attention is specifically drawn to the fact that the General Court has jurisdiction to hear and determine disputes between individuals (natural or legal persons) and institutions, bodies, offices or agencies of the Union.

However, the General Court does not have jurisdiction to review the decisions of national courts or tribunals, or to rule on the lawfulness of provisions, decisions or measures adopted by national authorities of a Member State. Nor does the General Court have jurisdiction to hear and determine actions brought against decisions taken by international bodies which are not within the institutional system of the European Union, such as the European Court of Human Rights.

Furthermore, in order to bring an action that is within the jurisdiction of the General Court, the applicant must be represented by a lawyer authorised to practise in a Member State. An application which is not signed by a lawyer cannot be registered.

Having regard to the above considerations, the Registrar regrets to inform you that the General Court can take no action on your faxes.

The Registrar informs you that he reserves the right, at his discretion, no longer to reply to your letters having the same subject-matter in the absence of new facts.

p° E. COULON

RUE DU FORT NIEDERGRÜNEWALD
L-2925 LUXEMBOURG

TELEPHONE: (+352) 4303-1

TELEFAX: (+352) 4303-2100
GENERALCOURT.REGISTRY@CURIA.EUROPA.EU

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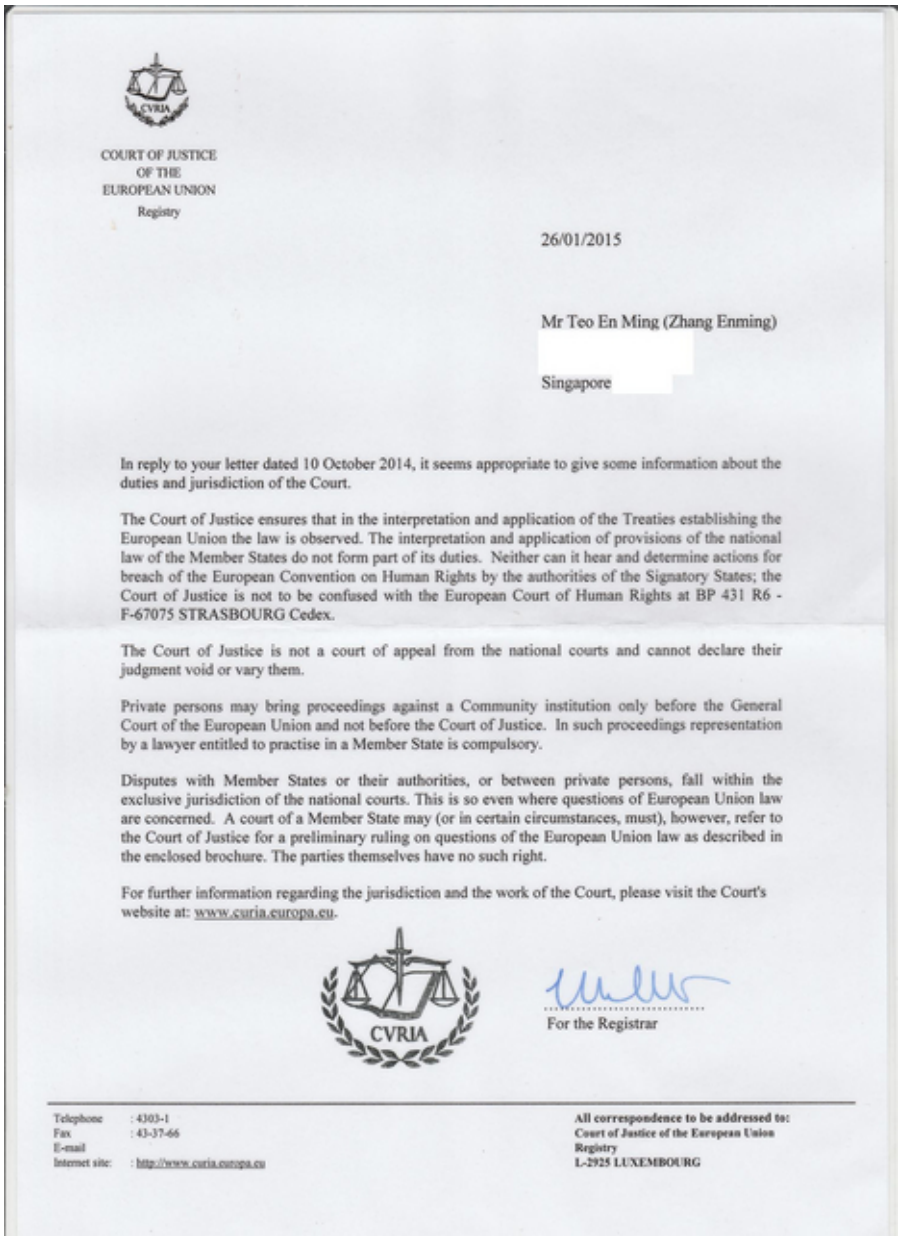

COURT OF JUSTICE
OF THE
EUROPEAN UNION
Registry

26/01/2015

Mr Teo En Ming (Zhang Enming)

Singapore

In reply to your letter dated 10 October 2014, it seems appropriate to give some information about the duties and jurisdiction of the Court.

The Court of Justice ensures that in the interpretation and application of the Treaties establishing the European Union the law is observed. The interpretation and application of provisions of the national law of the Member States do not form part of its duties. Neither can it hear and determine actions for breach of the European Convention on Human Rights by the authorities of the Signatory States; the Court of Justice is not to be confused with the European Court of Human Rights at BP 431 R6 - F-67075 STRASBOURG Cedex.

The Court of Justice is not a court of appeal from the national courts and cannot declare their judgment void or vary them.

Private persons may bring proceedings against a Community institution only before the General Court of the European Union and not before the Court of Justice. In such proceedings representation by a lawyer entitled to practise in a Member State is compulsory.

Disputes with Member States or their authorities, or between private persons, fall within the exclusive jurisdiction of the national courts. This is so even where questions of European Union law are concerned. A court of a Member State may (or in certain circumstances, must), however, refer to the Court of Justice for a preliminary ruling on questions of the European Union law as described in the enclosed brochure. The parties themselves have no such right.

For further information regarding the jurisdiction and the work of the Court, please visit the Court's website at: www.curia.europa.eu.

CVRIA

For the Registrar

Telephone : 4303-1
Fax : 43-37-66
E-mail
Internet site : http://www.curia.europa.eu

All correspondence to be addressed to:
Court of Justice of the European Union
Registry
L-2925 LUXEMBOURG

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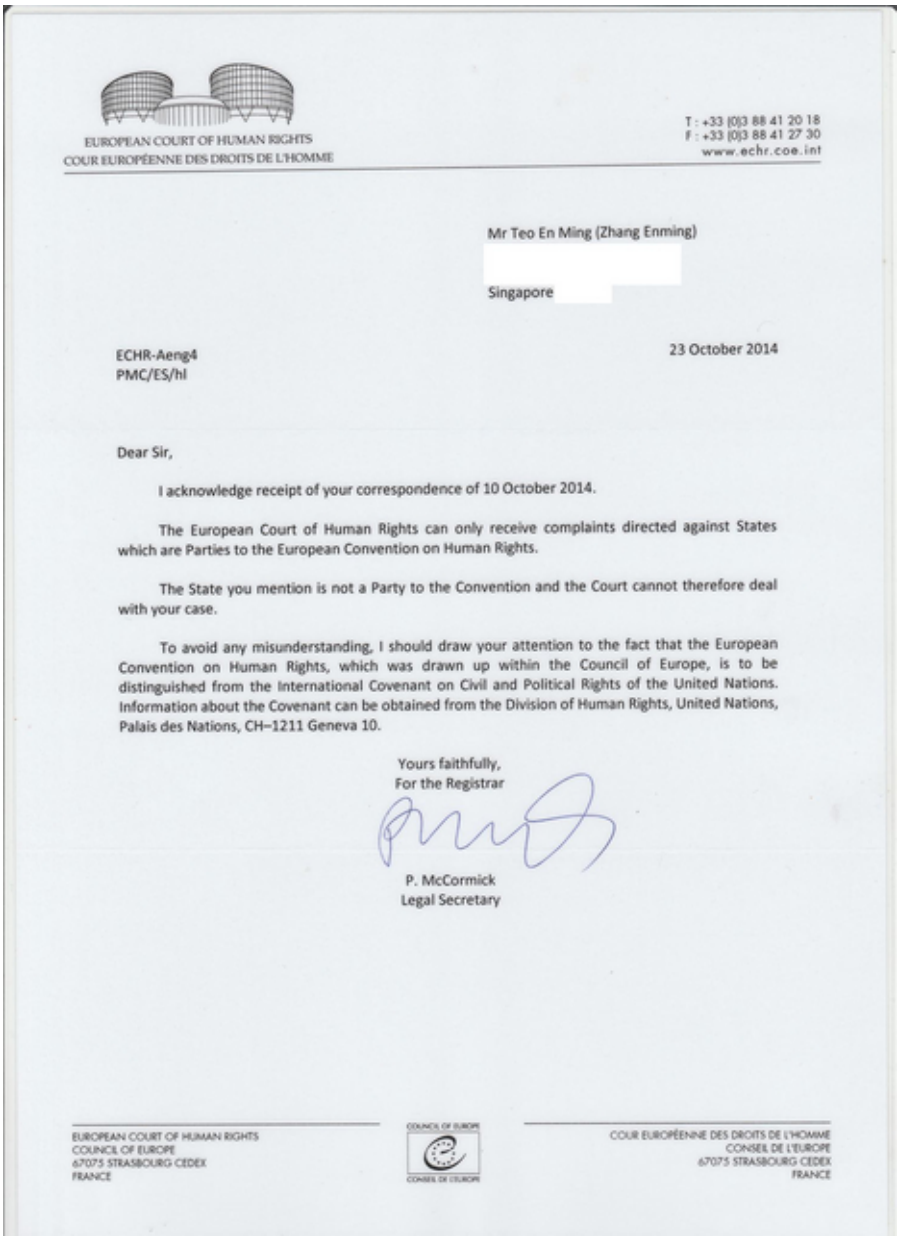

EUROPEAN COURT OF HUMAN RIGHTS
COUR EUROPÉENNE DES DROITS DE L'HOMME

T : +33 (0)3 88 41 20 18
F : +33 (0)3 88 41 27 30
www.echr.coe.int

Mr Teo En Ming (Zhang Enming)
[redacted]
Singapore

ECHR-Aeng4
PMC/ES/hl

23 October 2014

Dear Sir,

I acknowledge receipt of your correspondence of 10 October 2014.

The European Court of Human Rights can only receive complaints directed against States which are Parties to the European Convention on Human Rights.

The State you mention is not a Party to the Convention and the Court cannot therefore deal with your case.

To avoid any misunderstanding, I should draw your attention to the fact that the European Convention on Human Rights, which was drawn up within the Council of Europe, is to be distinguished from the International Covenant on Civil and Political Rights of the United Nations. Information about the Covenant can be obtained from the Division of Human Rights, United Nations, Palais des Nations, CH–1211 Geneva 10.

Yours faithfully,
For the Registrar

P. McCormick
Legal Secretary

EUROPEAN COURT OF HUMAN RIGHTS
COUNCIL OF EUROPE
67075 STRASBOURG CEDEX
FRANCE

COUR EUROPÉENNE DES DROITS DE L'HOMME
CONSEIL DE L'EUROPE
67075 STRASBOURG CEDEX
FRANCE

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Ministry of Justice

Human Rights Policy
Law and Access to Justice Group
Postpoint 6.16
Ministry of Justice,
102 Petty France
London
SW1H 9AJ

E humanrights@justice.gsi.gov.uk
www.justice.gov.uk

Mr T Ming

Sent by email to: teo-en-ming@sg.teo-en-ming.com

10 November 2014

Dear Mr Ming,

Reference LM/055/004/007/2

Thank you for sending us a copy of your letter of 10 October, to the Office of the United Nations High Commissioner for Human Rights.

I regret that the human rights team is not able to provide advice or assistance in relation to individual cases as we are a team that provides advice to Ministers about human rights policy in the UK, and are not legal advocates. Where a person believes their rights have been breached or that a public authority has not fulfilled its obligations, we would normally suggest that the person consider seeking professional advice or assistance. Unfortunately as you are currently resident outside of the UK I am unable to suggest any organisations that may be able to help you.

You may therefore wish to consider whether it is possible to obtain new advice and/or representation locally. There may also be voluntary organisations that will assist with these matters.

Yours sincerely

Ms C Eneh

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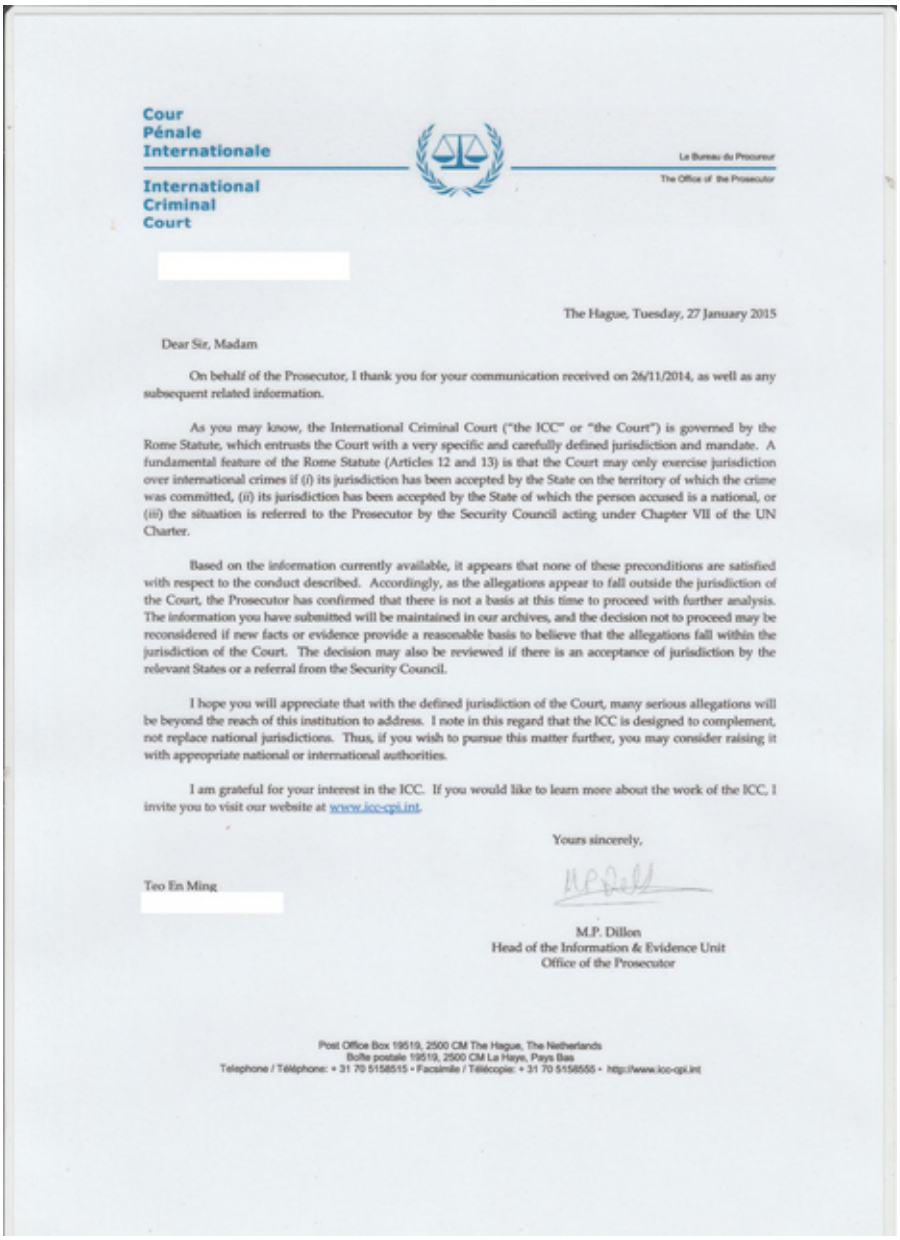

Cour
Pénale
Internationale

International
Criminal
Court

Le Bureau du Procureur
The Office of the Prosecutor

[redacted]

The Hague, Tuesday, 27 January 2015

Dear Sir, Madam

On behalf of the Prosecutor, I thank you for your communication received on 26/11/2014, as well as any subsequent related information.

As you may know, the International Criminal Court ("the ICC" or "the Court") is governed by the Rome Statute, which entrusts the Court with a very specific and carefully defined jurisdiction and mandate. A fundamental feature of the Rome Statute (Articles 12 and 13) is that the Court may only exercise jurisdiction over international crimes if (i) its jurisdiction has been accepted by the State on the territory of which the crime was committed, (ii) its jurisdiction has been accepted by the State of which the person accused is a national, or (iii) the situation is referred to the Prosecutor by the Security Council acting under Chapter VII of the UN Charter.

Based on the information currently available, it appears that none of these preconditions are satisfied with respect to the conduct described. Accordingly, as the allegations appear to fall outside the jurisdiction of the Court, the Prosecutor has confirmed that there is not a basis at this time to proceed with further analysis. The information you have submitted will be maintained in our archives, and the decision not to proceed may be reconsidered if new facts or evidence provide a reasonable basis to believe that the allegations fall within the jurisdiction of the Court. The decision may also be reviewed if there is an acceptance of jurisdiction by the relevant States or a referral from the Security Council.

I hope you will appreciate that with the defined jurisdiction of the Court, many serious allegations will be beyond the reach of this institution to address. I note in this regard that the ICC is designed to complement, not replace national jurisdictions. Thus, if you wish to pursue this matter further, you may consider raising it with appropriate national or international authorities.

I am grateful for your interest in the ICC. If you would like to learn more about the work of the ICC, I invite you to visit our website at www.icc-cpi.int.

Yours sincerely,

Teo En Ming
[redacted]

M.P. Dillon
Head of the Information & Evidence Unit
Office of the Prosecutor

Post Office Box 19519, 2500 CM The Hague, The Netherlands
Boîte postale 19519, 2500 CM La Haye, Pays Bas
Telephone / Téléphone: + 31 70 5158515 • Facsimile / Télécopie: + 31 70 5158555 • http://www.icc-cpi.int

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Ministry of Justice

Human Rights Policy
Law and Access to Justice Group
Postpoint 6.16
Ministry of Justice,
102 Petty France
London
SW1H 9AJ

E humanrights@justice.gsi.gov.uk
www.justice.gov.uk

Mr T Ming

Sent by email to: teo-en-ming@sg.teo-en-ming.com

10 November 2014

Dear Mr Ming,

Reference LM/055/004/007/2

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Yours sincerely

Ms C Eneh

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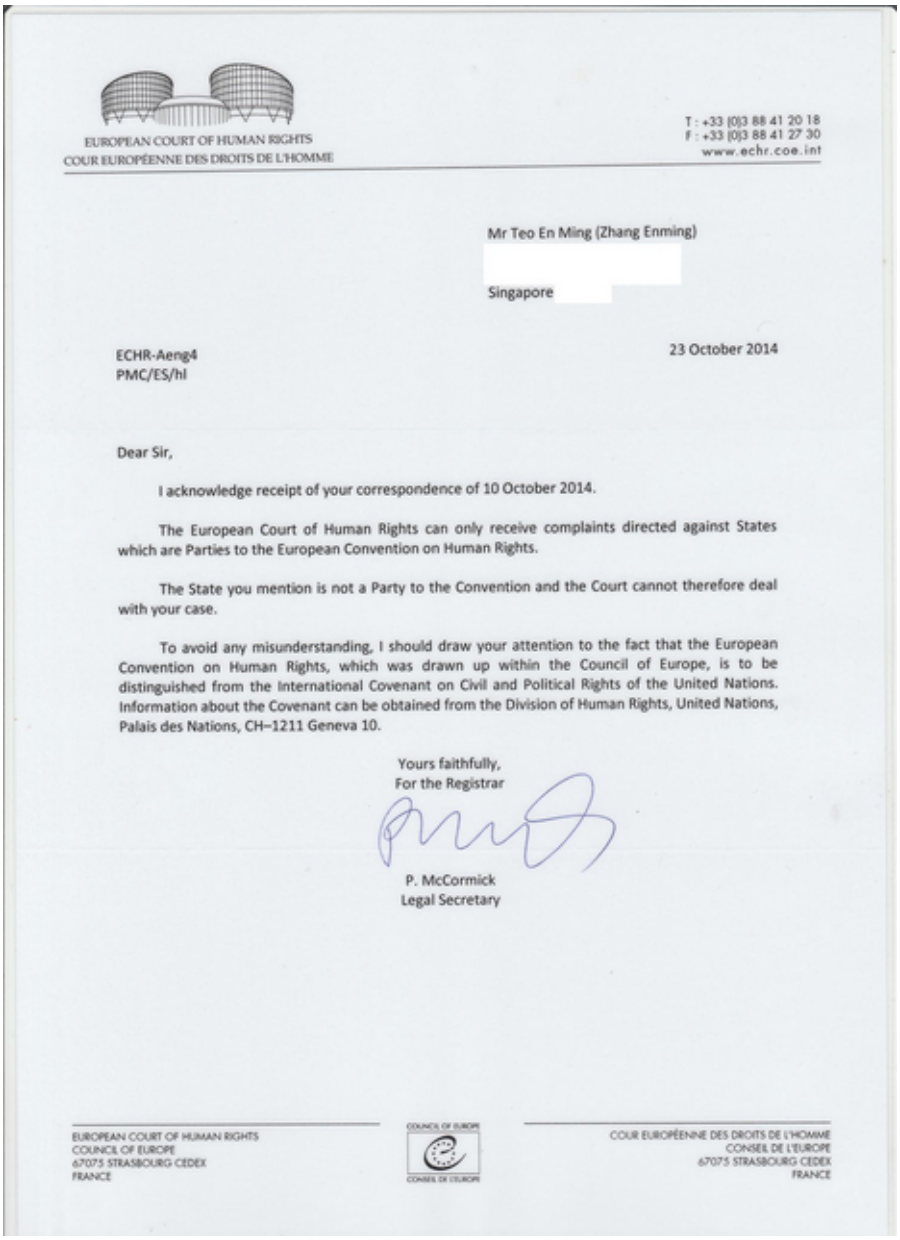

EUROPEAN COURT OF HUMAN RIGHTS
COUR EUROPÉENNE DES DROITS DE L'HOMME

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F : +33 (0)3 88 41 27 30
www.echr.coe.int

Mr Teo En Ming (Zhang Enming)
[redacted]
Singapore

ECHR-Aeng4
PMC/ES/hl

23 October 2014

Dear Sir,

I acknowledge receipt of your correspondence of 10 October 2014.

The European Court of Human Rights can only receive complaints directed against States which are Parties to the European Convention on Human Rights.

The State you mention is not a Party to the Convention and the Court cannot therefore deal with your case.

To avoid any misunderstanding, I should draw your attention to the fact that the European Convention on Human Rights, which was drawn up within the Council of Europe, is to be distinguished from the International Covenant on Civil and Political Rights of the United Nations. Information about the Covenant can be obtained from the Division of Human Rights, United Nations, Palais des Nations, CH–1211 Geneva 10.

Yours faithfully,
For the Registrar

P. McCormick
Legal Secretary

EUROPEAN COURT OF HUMAN RIGHTS
COUNCIL OF EUROPE
67075 STRASBOURG CEDEX
FRANCE

COUR EUROPÉENNE DES DROITS DE L'HOMME
CONSEIL DE L'EUROPE
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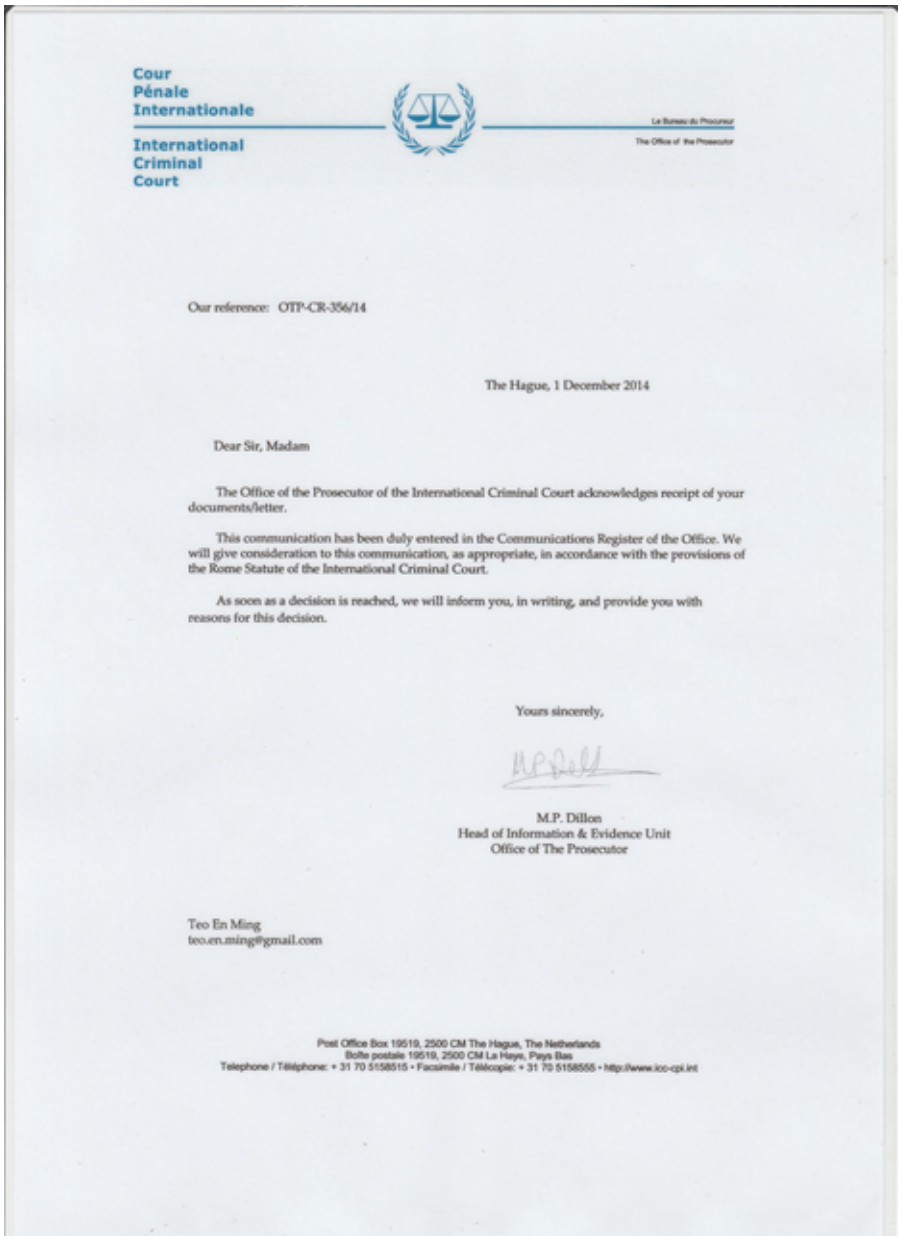

Cour
Pénale
Internationale

International
Criminal
Court

Le Bureau du Procureur
The Office of the Prosecutor

Our reference: OTP-CR-356/14

The Hague, 1 December 2014

Dear Sir, Madam

The Office of the Prosecutor of the International Criminal Court acknowledges receipt of your documents/letter.

This communication has been duly entered in the Communications Register of the Office. We will give consideration to this communication, as appropriate, in accordance with the provisions of the Rome Statute of the International Criminal Court.

As soon as a decision is reached, we will inform you, in writing, and provide you with reasons for this decision.

Yours sincerely,

M.P. Dillon
Head of Information & Evidence Unit
Office of The Prosecutor

Teo En Ming
teo.en.ming@gmail.com

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Boîte postale 19519, 2500 CM La Haye, Pays Bas
Telephone / Téléphone: + 31 70 5158515 • Facsimile / Télécopie: + 31 70 5158555 • http://www.icc-cpi.int

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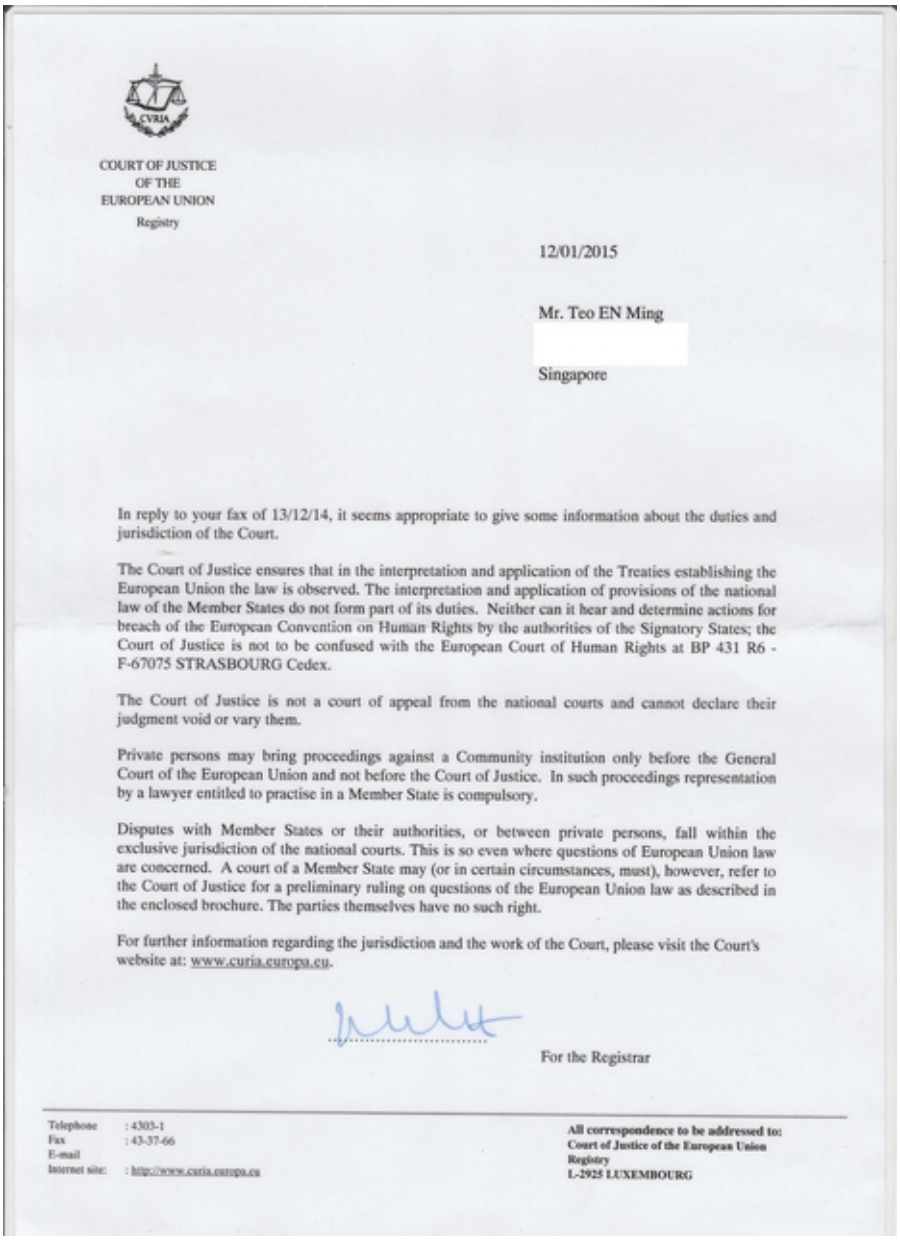

COURT OF JUSTICE
OF THE
EUROPEAN UNION
Registry

12/01/2015

Mr. Teo EN Ming

Singapore

In reply to your fax of 13/12/14, it seems appropriate to give some information about the duties and jurisdiction of the Court.

The Court of Justice ensures that in the interpretation and application of the Treaties establishing the European Union the law is observed. The interpretation and application of provisions of the national law of the Member States do not form part of its duties. Neither can it hear and determine actions for breach of the European Convention on Human Rights by the authorities of the Signatory States; the Court of Justice is not to be confused with the European Court of Human Rights at BP 431 R6 - F-67075 STRASBOURG Cedex.

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Private persons may bring proceedings against a Community institution only before the General Court of the European Union and not before the Court of Justice. In such proceedings representation by a lawyer entitled to practise in a Member State is compulsory.

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For further information regarding the jurisdiction and the work of the Court, please visit the Court's website at: www.curia.europa.eu.

For the Registrar

Telephone : 4303-1
Fax : 43-37-66
E-mail
Internet site: : http://www.curia.europa.eu

All correspondence to be addressed to:
Court of Justice of the European Union
Registry
L-2925 LUXEMBOURG

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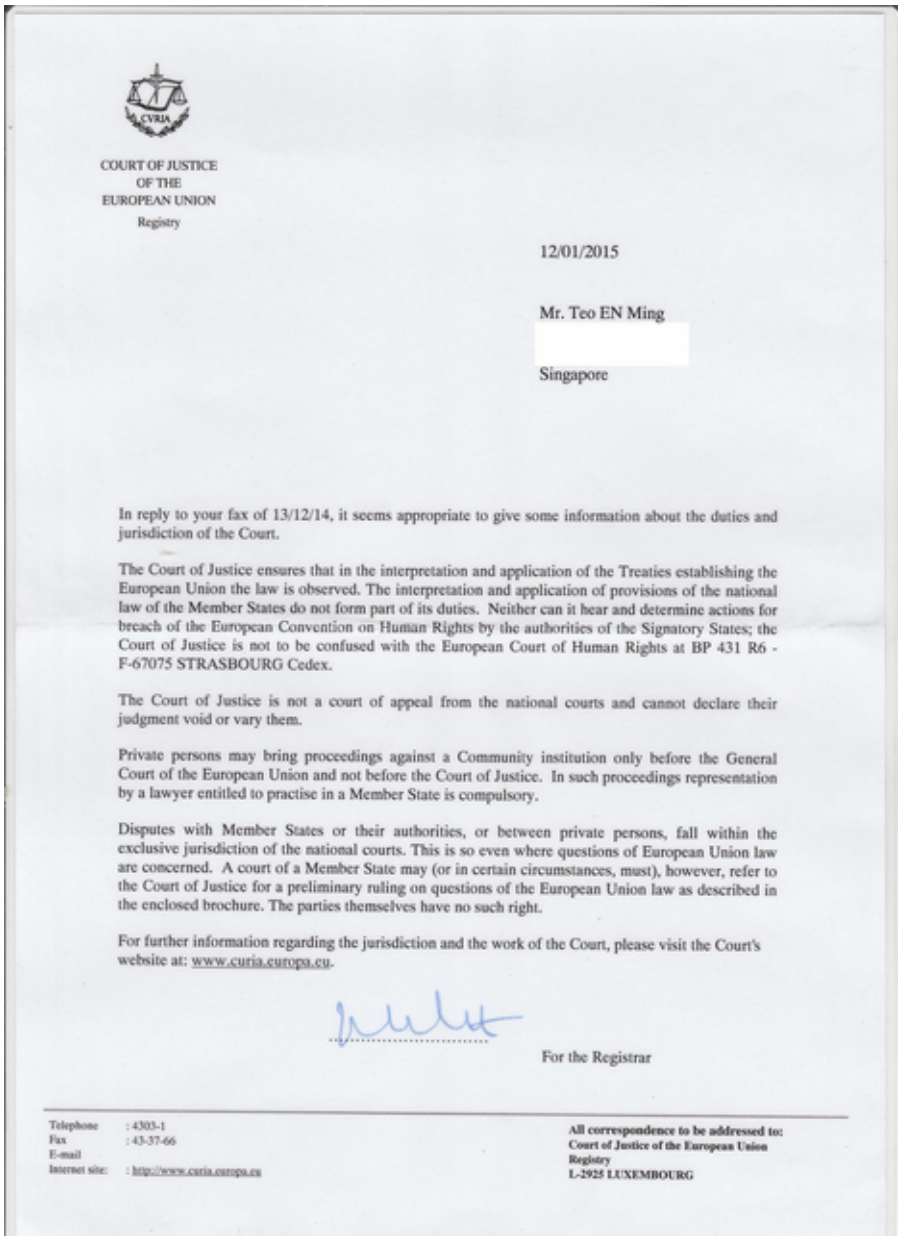

COURT OF JUSTICE
OF THE
EUROPEAN UNION
Registry

12/01/2015

Mr. Teo EN Ming

Singapore

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All correspondence to be addressed to:
Court of Justice of the European Union
Registry
L-2925 LUXEMBOURG

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EUROPEAN COURT OF HUMAN RIGHTS
COUR EUROPÉENNE DES DROITS DE L'HOMME

COPIE

T. +33 (0)3 88 41 20 18
F. +33 (0)3 88 41 27 30
www.echr.coe.int

Mr Teo En Ming (Zhang Enming)

Singapore

4 March 2015

ECHR-Aeng4
ESL/adz

Dear Sir,

I acknowledge receipt of your correspondence of 2 March 2015.

The European Court of Human Rights can only receive complaints directed against States which are Parties to the European Convention on Human Rights.

The State you mention is not a Party to the Convention and the Court cannot therefore deal with your case.

Yours faithfully,
For the Registrar

E. Slade
Legal Secretary

EUROPEAN COURT OF HUMAN RIGHTS
COUNCIL OF EUROPE
67075 STRASBOURG CEDEX
FRANCE

COUNCIL OF EUROPE
CONSEIL DE L'EUROPE

COUR EUROPÉENNE DES DROITS DE L'HOMME
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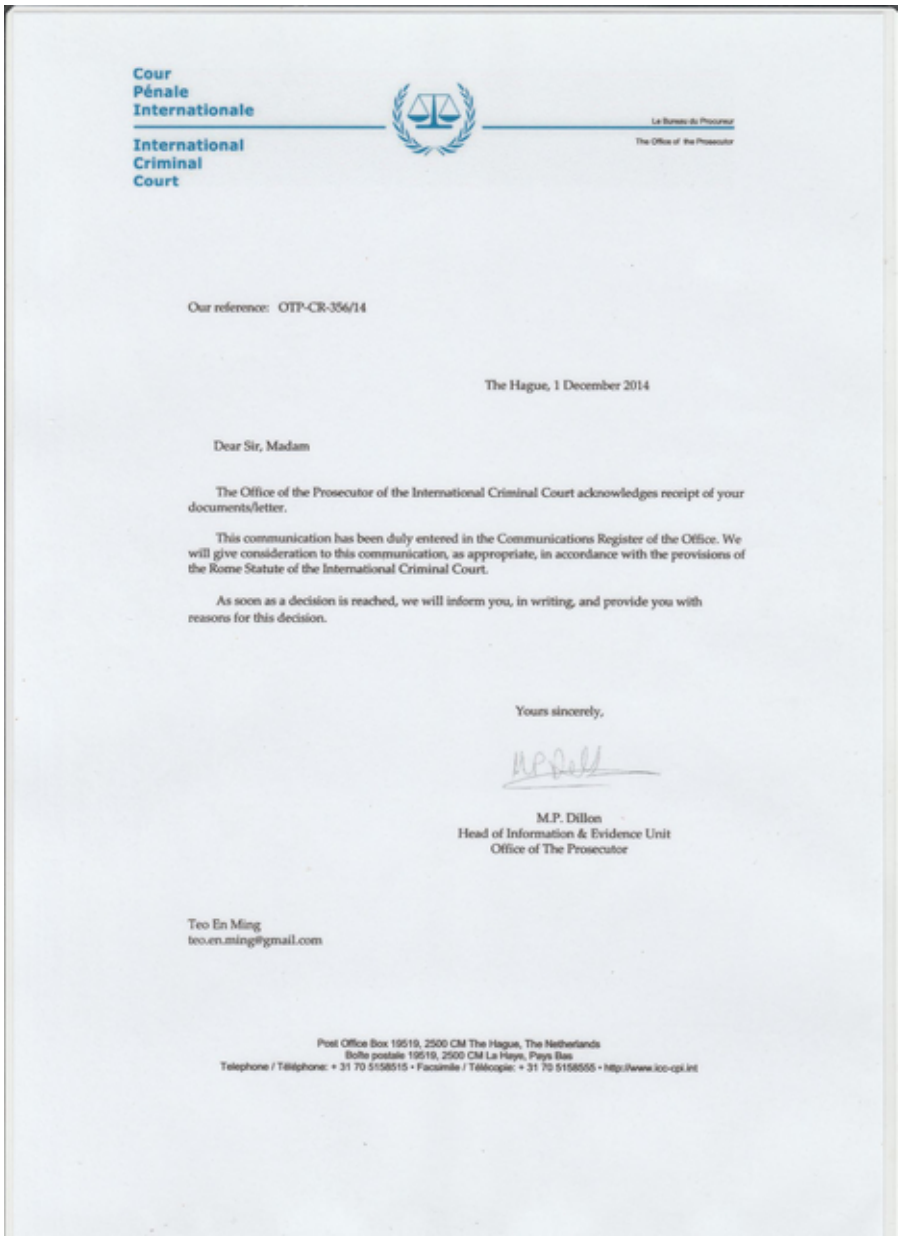

Cour
Pénale
Internationale

International
Criminal
Court

Le Bureau du Procureur
The Office of the Prosecutor

Our reference: OTP-CR-356/14

The Hague, 1 December 2014

Dear Sir, Madam

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This communication has been duly entered in the Communications Register of the Office. We will give consideration to this communication, as appropriate, in accordance with the provisions of the Rome Statute of the International Criminal Court.

As soon as a decision is reached, we will inform you, in writing, and provide you with reasons for this decision.

Yours sincerely,

M.P. Dillon
Head of Information & Evidence Unit
Office of The Prosecutor

Teo En Ming
teo.en.ming@gmail.com

Post Office Box 19519, 2500 CM The Hague, The Netherlands
Boîte postale 19519, 2500 CM La Haye, Pays Bas
Telephone / Téléphone: + 31 70 5158515 • Facsimile / Télécopie: + 31 70 5158555 • http://www.icc-cpi.int

US cybersecurity firm FireEye hit by 'state-sponsored' attack (2020-12-12 16:28) - Turritopsis Dohrnii Teo En Ming

Link: [1]https://www.bbc.com/news/world-us-canada-55240408

1. https://www.bbc.com/news/world-us-canada-55240408

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[Aruba] Deploying APs (2020-12-12 16:27) - Turritopsis Dohrnii Teo En Ming

Link: [1]https://www.arubanetworks.com/techdocs/ArubaOS %206 _3 _1 _Web _Help/Content/ArubaFrameStyles/AP _Config/Deploying _APs.htm

1. https://www.arubanetworks.com/techdocs/ArubaOS%206_3_1_Web_Help/Content/ArubaFrameStyles/AP_Config/Deploying_APs.htm

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[Aruba] Configuring Installed APs (2020-12-12 16:25) - Turritopsis Dohrnii Teo En Ming

Link: [1]https://www.arubanetworks.com/techdocs/ArubaOS _64x _WebHelp/Content/ArubaFrameStyles/AP _Config/Provisioning _Installed _A.htm

1. https://www.arubanetworks.com/techdocs/ArubaOS_64x_WebHelp/Content/ArubaFrameStyles/AP_Config/Provisioning_Installed_A.htm

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How to take ownership of files and folders on Windows 10 (2020-12-12 16:23) - Turritopsis Dohrnii Teo En Ming

Link: [1]https://www.windowscentral.com/how-take-ownership-files-and-folder s-windows-10

1. https://www.windowscentral.com/how-take-ownership-files-and-folders-windows-10

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Red Hat resets CentOS Linux and users are angry (2020-12-12 16:21) - Turritopsis Dohrnii Teo En Ming

Link: [1]https://www.zdnet.com/article/red-hat-resets-centos-linux-and-user s-are-angry/

1. `https://www.zdnet.com/article/red-hat-resets-centos-linux-and-users-are-angry/`

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China’s Zhou Youguang, father of Pinyin writing system, dies aged 111 (2020-12-12 16:19) - Turritopsis Dohrnii Teo En Ming

Link: [1]https://www.bbc.com/news/world-asia-38621697

1. https://www.bbc.com/news/world-asia-38621697

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Teo En Ming's International World Wide Postings (2020-12-12 16:17) - Turritopsis Dohrnii Teo En Ming

[1] [1]https://www.mail-archive.com/search?a=1 &l=all &haswords= &x=16 &y=18 &from=teo+en+ming &subject= &datewithin=1d &date= &notwords= &o=newest

[2] [2]https://marc.info/?w=2 &r=1 &s=teo+en+ming &q=a

[3] [3]https://markmail.org/search/?q=teo %20en %20ming #query:teo %20en %20ming %20order %3Adate-backward+page:1+state:facets

[4] [4]https://seclists.org/

Question: Why is Turritopsis Dohrnii Teo En Ming posting all over the world?

Answer: Because Turritopsis Dohrnii Teo En Ming wants to immortalize himself.

[QUOTE=JEAN GUERRERO]

I paused, trying to think of the best response. "Pa, if I write your story, you'll be immortal," I said.

[/QUOTE]

Article: My Father Says He's a 'Targeted Individual.' Maybe We All Are

Link: [5]https://www.wired.com/story/my-father-says-hes-a-targeted-individu al-maybe-we-all-are/

1. https://www.mail-archive.com/search?a=1&l=all&haswords=&x=16&y=18&from=teo+en+ming&subject=&datewithin=1d&date=&notwords=&o=newest
2. https://marc.info/?w=2&r=1&s=teo+en+ming&q=a
3. https://markmail.org/search/?q=teo%20en%20ming#query:teo%20en%20ming%20order%3Adate-backward+page:1+state:facets
4. https://seclists.org/
5. https://www.wired.com/story/my-father-says-hes-a-targeted-individual-maybe-we-all-are/

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How to Create New Extension on Yeastar S100 VoIP PBX SIP Server and Register New Yealink T21 E2 IP Phone (2020-12-12 16:10) - Turritopsis Dohrnii Teo En Ming

Subject: How to Create New Extension on Yeastar S100 VoIP PBX SIP Server and Register New Yealink T21 E2 IP Phone

Author: Mr. Turritopsis Dohrnii Teo En Ming (TARGETED INDIVIDUAL)

Country: Singapore

Date: 12 December 2020 Saturday Singapore Time

Type of Publication: Plain Text

Document Version: 20201212.01

Steps

=====

1. Login to WebUI of Yeastar S100 PBX Server at https://<IP address of PBX Server>:8088

2. Click Settings on the left.

3. Under PBX, click Extensions.

4. Click Add.

5. Under Basic tab:

General

=======

Type: SIP

Extension: 44

Registration Name: 44

Concurrent Registrations: 1

Caller ID: 44

Caller ID name: 44 Donald Trump

Registration Password: <will be used in IP phone later to register>

User Information

================

Email: can be left blank

Prompt Language: System Default

User Password: Pass44

Mobile Number: can be left blank

6. Under Presence tab:

Presence: Available

Presence Information: left blank

Call Forwarding

===============

Always: Unchecked

No Answer: Unchecked

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When Busy: Unchecked

Ring Strategy

==========

Ring First:

Extension: Checked

Linkus Mobile Client: Unchecked

Linkus Desktop Client: Unchecked

Ring Secondly:

Extension: Unchecked

Linkus Mobile Client: Unchecked

Linkus Desktop Client: Unchecked

7. Under Features tab:

Voicemail

=========

Enable Voicemail: Unchecked

Send Voicemail to Email: Unchecked

Voicemail Access PIN: can be left blank

Busy Prompt: Not selected

Unavailable Prompt: Not selected

Mobility Extension

==========

Ring Simultaneously: Unchecked

Enable Mobility Extension: Unchecked

Mobility Extension: Prefix

Monitor Settings

==========

Allow Being Monitored: Unchecked

Monitor Mode: Disabled

Other settings

==========

Ring Timeout (s): 30

Max Call Duration (s): System Default

Send email notification when extension user password is changed: Unchecked

8. Under Advanced tab:

VoIP Settings

==========

NAT: Unchecked

Register Remotely: Unchecked

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T.38 Support: Unchecked

Transport: UDP

Qualify: Checked

Enable SRTP: Unchecked

DTMF Mode: RFC4733

Enable User Agent Registration Authorization

==========

Enable User Agent Registration Authorization: Unchecked

User Agent: empty

IP Restriction

==========

Enable IP Restriction: Unchecked

Permitted IP/Subnet mask: empty

9. Under Call Permission tab:

Outbound Routes:

Selected:

Outbound _Hoiio _local

Outbound _Hoiio _intl

Outbound _Singtel

Hoiio _Loc

Hoiio-Out

10. Login to the WebUI of IP Phone at https://<IP address of IP Phone>

11. Click Account

12. Click Register

Account: Account 1

Line Active: Enabled

Label: 44

Display Name: 44

Register Name: 44

User Name: 44

Password: <get the password from Step 5>

SIP Server 1

==========

Server Host: <IP Address of VoIP PBX SIP Server> Port: 5060

Transport: UDP

Server Expires: 3600

Server Retry Counts: 3

13. Click Confirm.

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14. You should see Register Status: Registered

Mr. Turritopsis Dohrnii Teo En Ming, 42 years old as of 12 Dec 2020 Saturday, is a TARGETED INDIVIDUAL (TI) living in Singapore.

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==========

[1] [1]http://lists.linuxfromscratch.org/pipermail/lfs-chat/2020-December/029 167.html

1. `http://lists.linuxfromscratch.org/pipermail/lfs-chat/2020-December/029167.html`

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Goodbye CentOS, hello Rocky Linux (2020-12-12 16:09) - Turritopsis Dohrnii Teo En Ming

Link: [1]https://www.zdnet.com/article/goodbye-centos-hello-rocky-linux/

1. https://www.zdnet.com/article/goodbye-centos-hello-rocky-linux/

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[Regarding Folder Redirection] How to delete the offline file cache or reset the offline file cache in windows (2020-12-12 16:07) - Turritopsis Dohrnii Teo En Ming

Link: [1]https://social.technet.microsoft.com/Forums/en-US/24346edb-80ed- 49a7-b7b5-aecebff7b725/how-to-delete-the-offline-file-cache-or-reset-the-offlin e-file-cache-in-windows-10?forum=win10itpronetworking

1. https://social.technet.microsoft.com/Forums/en-US/24346edb-80ed-49a7-b7b5-aecebff7b725/how-to-delete-the-offline-file-cache-or-reset-the-offline-file-cache-in-w

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Course 1: Set Windows Server 2019 Network-Microsoft Series 2 (2020-12-12 16:04) - Turritopsis Dohrnii Teo En Ming

Build Server 2019 Network LAB, follow this series for advance topics and LABS from Real industry to achieve Admin level.

Link: [1]https://www.learnfly.com/course-1-set-windows-server-2019-networ k-microsoft-series-5

1. `https://www.learnfly.com/course-1-set-windows-server-2019-network-microsoft-series-5`

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193 countries in 17 years: S'porean woman who has been to every country in the world, mostly solo (2020-12-08 19:40) - Turritopsis Dohrnii Teo En Ming

Link: [1]https://mothership.sg/2020/12/singaporean-woman-193-countries-so lo-travel/

1. https://mothership.sg/2020/12/singaporean-woman-193-countries-solo-travel/

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China’s Jiuzhang secures quantum advantage over Google’s Sycamore, billions of times faster: developer (2020-12-08 19:38) - Turritopsis Dohrnii Teo En Ming

Link: [1]https://www.globaltimes.cn/content/1209006.shtml

1. https://www.globaltimes.cn/content/1209006.shtml

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[Aruba 7010 Wireless Controller] Configuring a Virtual AP (2020-12-08 19:34) - Turritopsis Dohrnii Teo En Ming

Link: [1]https://www.arubanetworks.com/techdocs/ArubaOS _63 _Web _Help/Content/ArubaFrameStyles/VirtualAPs-/Configuring _a _Virtual _AP.htm

1. https://www.arubanetworks.com/techdocs/ArubaOS_63_Web_Help/Content/ArubaFrameStyles/VirtualAPs/Configuring_a_Virtual_AP.htm

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How to Delete Virtual AP and SSID Profile from Aruba 7010 Wireless Controller (2020-12-08 19:32) - Turritopsis Dohrnii Teo En Ming

Configuration> Wireless> AP Configuration> Click on AP-Group. Expand Wireless LAN. Click on Virtual AP. Delete the Virtual AP that has been configured.

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Teo En Ming's Guide to Configuring FreePBX 15 and Asterisk 16 VoIP PBX SIP Server in Singapore with DIDLogic SIP Trunk Provider (2020-12-08 19:28) - Turritopsis Dohrnii Teo En Ming

Subject: Teo En Ming's Guide to Configuring FreePBX 15 and Asterisk 16 VoIP PBX SIP Server in Singapore with DIDLogic SIP Trunk Provider

Author: Mr. Turritopsis Dohrnii Teo En Ming (TARGETED INDIVIDUAL)

Country: Singapore

Date: 7th December 2020 Monday Singapore Time

Type of Publication: PDF Manual

Document Version: 20201207.01

Introduction

==========

This manual introduces you to a basic configuration of FreePBX 15 and Asterisk 16 VoIP PBX SIP server in Singapore. I will explore advanced configuration topics in the future. It could be a few weeks, a few months, a few years or a few decades later. After I have completed advanced configuration of my FreePBX server, I will publish another PDF manual as soon as possible.

There is a total of 101 screenshots in this manual. All the screenshots show you step-by-step configuration and are self-explanatory.

FreePBX and Asterisk are open source software. FreePBX distro is based on CentOS Linux.

Redundant Google Drive download links for Teo En Ming's PDF manual:

[1] [1]https://drive.google.com/file/d/1MOanqoPTVKku-Wq9qj8GGsIGFjAMjhh9/view ?usp=sharing

[2] [2]https://drive.google.com/file/d/1PqtR-g1GVQedX02cOpEt6InoHarPPv6q/view?u sp=sharing

[3] [3]https://drive.google.com/file/d/1GNuTYl5y9 _xkowM7k1jlaObBifLs-uTS/view?usp=sharing

[4] [4]https://drive.google.com/file/d/1bgDDmuAbzVWPmI3I6miW4OvrQoDQV7ew/view ?usp=sharing

[5] [5]https://drive.google.com/file/d/1tLpwySJ6ipU9PcMi- _ksngM2I9n1sNUK/view?usp=sharing

[6] [6]https://drive.google.com/file/d/1Bkeb7wrXiSqHwseiD3APVET1PHQQCmWs/view ?usp=sharing

[7] [7]https://drive.google.com/file/d/1MhMI5ocRMwWxZIjOOQ _fBFDfTvoJQAtw/view?usp=sharing

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[1] [8]http://lists.digium.com/pipermail/asterisk-users/2020-December/295488. html

[2] [9]https://lkml.org/lkml/2020/12/8/388

[3] [10]http://lkml.iu.edu/hypermail/linux/kernel/2012.1/00387.html

[4] [11]https://marc.info/?l=linux-kernel &m=160742639304450 &w=2

[5] [12]https://lwn.net/ml/linux-kernel/f7b3cecc16fa3679ac73340a98252664 %40teo-en-ming.com/

[6] [13]http://lists.linuxfromscratch.org/pipermail/lfs-chat/2020-December/02 9166.html

1. https://drive.google.com/file/d/1MOanqoPTVKku-Wq9qj8GGsIGFjAMjhh9/view?usp=sharing
2. https://drive.google.com/file/d/1PqtR-g1GVQedX02cOpEt6InoHarPPv6q/view?usp=sharing
3. https://drive.google.com/file/d/1GNuTYl5y9_xkowM7k1jlaObBifLs-uTS/view?usp=sharing
4. https://drive.google.com/file/d/1bgDDmuAbzVWPmI3I6miW4OvrQoDQV7ew/view?usp=sharing
5. https://drive.google.com/file/d/1tLpwySJ6ipU9PcMi-_ksngM2I9n1sNUK/view?usp=sharing
6. https://drive.google.com/file/d/1Bkeb7wrXiSqHwseiD3APVET1PHQQCmWs/view?usp=sharing
7. https://drive.google.com/file/d/1MhMI5ocRMwWxZIjOOQ_fBFDfTvoJQAtw/view?usp=sharing

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11. https://marc.info/?l=linux-kernel&m=160742639304450&w=2
12. https://lwn.net/ml/linux-kernel/f7b3cecc16fa3679ac73340a98252664%40teo-en-ming.com/
13. http://lists.linuxfromscratch.org/pipermail/lfs-chat/2020-December/029166.html

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[Didlogic] Asterisk SIP trunk setup for FreePBX (2020-12-06 18:14) - Turritopsis Dohrnii Teo En Ming

Link: [1]https://didlogic.com/setup/setup-guides/asterisk-based/asterisk-se tup

1. `https://didlogic.com/setup/setup-guides/asterisk-based/asterisk-setup`

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Teo En Ming has been locked out of his CentOS Web Panel (CWP) web hosting control panel

(2020-12-06 18:11) - Turritopsis Dohrnii Teo En Ming

Subject: Teo En Ming has been locked out of his CentOS Web Panel (CWP) web hosting control panel

Good day from Singapore,

I have been locked out of my CentOS Web Panel (CWP) web hosting control panel due to numerous invalid SMTP authentication attempts. I can’t login to CWP any more using my home IP address.

This is how I solved my problem.

1. Connect to a free VPN service.
2. Login to CentOS Web Panel at https://www.teo-en-ming-corp.com.sg:2087/login/index.php
3. On the left hand side menu, click Security.
4. Click "CSF Firewall".
5. Click "Firewall Deny IPs".

Contents of File: /etc/csf/csf.deny

# # # #

12. Disconnect from free VPN service.

13. Login to CWP again. It is successful now.

14. My problem is solved!

Mr. Turritopsis Dohrnii Teo En Ming, 42 years old as of 6th Dec 2020 Sunday, is a TARGETED INDIVIDUAL (TI) living in Singapore.

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[2] [2]https://lkml.org/lkml/2020/12/6/81

[3] [3]http://lkml.iu.edu/hypermail/linux/kernel/2012.0/06961.html

[4] [4]https://marc.info/?l=linux-kernel &m=160724771123760 &w=2

[5] [5]https://lwn.net/ml/linux-kernel/2f395ab5ed950c36b357995c1a6b86b2 %40teo-en-ming.com/

[6] [6]http://lists.linuxfromscratch.org/pipermail/lfs-chat/2020-December/029 165.html

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5. https://lwn.net/ml/linux-kernel/2f395ab5ed950c36b357995c1a6b86b2%40teo-en-ming.com/
6. http://lists.linuxfromscratch.org/pipermail/lfs-chat/2020-December/029165.html

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Why is Turritopsis Dohrnii Teo En Ming posting all over the world? (2020-12-06 11:15) - Turritopsis Dohrnii Teo En Ming

Question: Why is Turritopsis Dohrnii Teo En Ming posting all over the world?

Answer: Because Turritopsis Dohrnii Teo En Ming wants to immortalize himself.

[QUOTE=JEAN GUERRERO]

I paused, trying to think of the best response. “Pa, if I write your story, you’ll be immortal,” I said.

[/QUOTE]

Article: My Father Says He’s a ‘Targeted Individual.’ Maybe We All Are

Link: [1]https://www.wired.com/story/my-father-says-hes-a-targeted-individu al-maybe-we-all-are/

1. https://www.wired.com/story/my-father-says-hes-a-targeted-individual-maybe-we-all-are/

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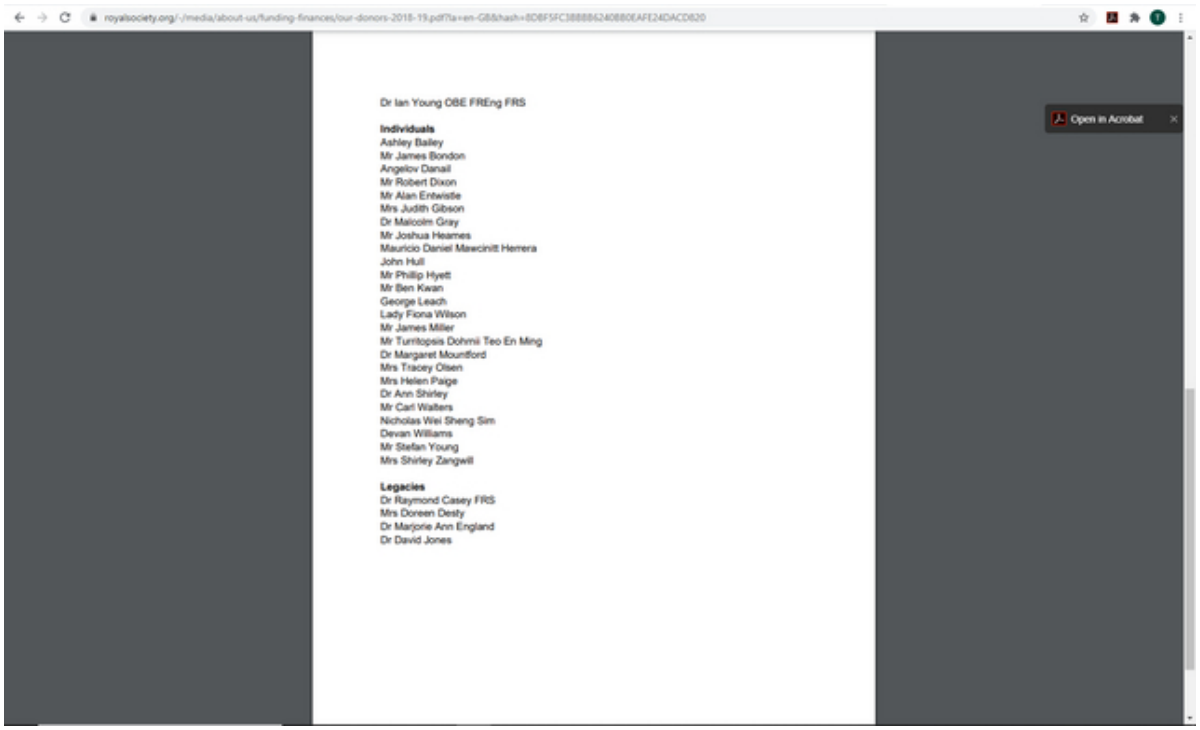
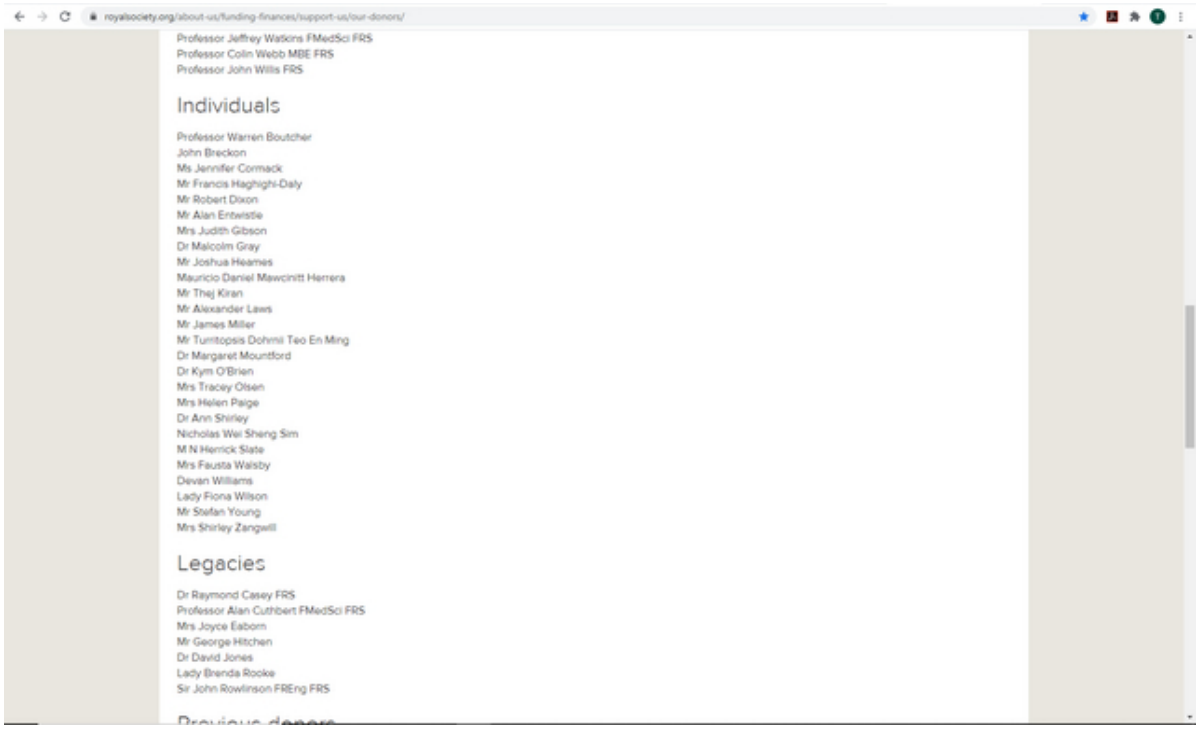
Teo En Ming's Donations to The Royal Society (Year 2020) (2020-12-06 11:12) - Turritopsis Dohrnii Teo En Ming



Dr Ian Young OBE FREng FRS

Individuals
Ashley Bailey
Mr James Bondon
Angelov Danail
Mr Robert Dixon
Mr Alan Entwistle
Mrs Judith Gibson
Dr Malcolm Gray
Mr Joshua Heames
Mauricio Daniel Mawcinitt Herrera
John Hull
Mr Phillip Hyett
Mr Ben Kwan
George Leach
Lady Fiona Wilson
Mr James Miller
Mr Turritopsis Dohrnii Teo En Ming
Dr Margaret Mountford
Mrs Tracey Olsen
Mrs Helen Paige
Dr Ann Shirley
Mr Carl Walters
Nicholas Wei Sheng Sim
Devan Williams
Mr Stefan Young
Mrs Shirley Zangwill

Legacies
Dr Raymond Casey FRS
Mrs Doreen Desty
Dr Marjorie Ann England
Dr David Jones



Professor Jeffrey Watkins FMedSci FRS
Professor Colin Webb MBE FRS
Professor John Willis FRS

Individuals

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John Breckon
Ms Jennifer Cormack
Mr Francis Haghighi-Daly
Mr Robert Dixon
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Mrs Joyce Eaborn
Mr George Hitchen
Dr David Jones
Lady Brenda Rooke
Sir John Rowlinson FREng FRS

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SIA gears up to transport and deliver Covid-19 vaccines (2020-12-06 11:06) - Turritopsis Dohrnii Teo En Ming

Link: [1]https://www.straitstimes.com/singapore/transport/singapore-airli nes-to-prioritise-capacity-for-transporting-covid-19-vaccines

1. https://www.straitstimes.com/singapore/transport/singapore-airlines-to-prioritise-capacity-for-transporting-covid-19-vaccines

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Teo En Ming's Blog Book (Version 5 Dec 2020) Available for Download (2020-12-05 19:59) - Turritopsis Dohrnii Teo En Ming

Subject: Teo En Ming's Blog Book (Version 5 Dec 2020) Available for Download

Redundant Google Drive download links:

[1] [1]https://drive.google.com/file/d/1ifOU7kMRVv7ACbxsG7PVv9gRzA0xKpA0/view ?usp=sharing

[2] [2]https://drive.google.com/file/d/12ezi7s1wTUsTFx6NiTh1Y68CBL2HdCtu/view ?usp=sharing

[3] [3]https://drive.google.com/file/d/1MV7VhxvRUxiodGLS7lQrrQ0JFx-tlwR0/view ?usp=sharing

[4] [4]https://drive.google.com/file/d/1cfE3-x5lXwRgl3zWi6qQDXbNBXJc5fV-/view?u sp=sharing

[5] [5]https://drive.google.com/file/d/1OeefJXr3OZPAnDaeuT _7UfpwMWYAB9Z6/view?usp=sharing

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2. https://drive.google.com/file/d/12ezi7s1wTUsTFx6NiTh1Y68CBL2HdCtu/view?usp=sharing
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Windows Server Shutdown Commands (2020-12-05 19:24) - Turritopsis Dohrnii Teo En Ming

Link: [1]https://docs.microsoft.com/en-us/windows-server/administration/win dows-commands/shutdown

1. `https://docs.microsoft.com/en-us/windows-server/administration/windows-commands/shutdown`

Not To Be Outdone for Superlatives by the PAP's Singapore, PM Lee Sets a New Guinness World Record **(2020-12-05 19:22) - Turritopsis Dohrnii Teo En Ming**

Link: [1]https://kenjeyaretnam.com/2020/11/29/not-to-be-outdone-for-superlatives-by-the-paps-singapore-pm-lee-sets-a-new-guinness-world-record/

1. https://kenjeyaretnam.com/2020/11/29/not-to-be-outdone-for-superlatives-by-the-paps-singapore-pm-lee-sets-a-new-guinness-world-record/

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Cash and Carrie: HK leader unable to use credit cards, banking services after US sanctions
(2020-12-05 19:20) - Turritopsis Dohrnii Teo En Ming

Link: [1]https://www.straitstimes.com/asia/east-asia/cash-and-carrie-us-s anctioned-hong-kong-leader-has-no-bank-account

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List of free and open-source software packages (2020-12-05 19:18) - Turritopsis Dohrnii Teo En Ming

Link: [1]https://en.wikipedia.org/wiki/List _of _free _and _open-source _software _packages

1. https://en.wikipedia.org/wiki/List_of_free_and_open-source_software_packages

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RISC-V, the Linux of the chip world, is starting to produce technological breakthroughs

(2020-12-05 19:16) - Turritopsis Dohrnii Teo En Ming

Link: [1]https://www.zdnet.com/article/risc-v-the-linux-of-the-chip-world-i s-starting-to-produce-technological-breakthroughs/

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[Fuji Xerox Copier] Setup an Accounting User Account (2020-12-05 19:14) - Turritopsis Dohrnii Teo En Ming

Link: [1]http://m1-onlinesupport.fujixerox.com/driver _downloads/OTS/AP7C7773/OTS _Solution16020 _EN.html

1. http://m1-onlinesupport.fujixerox.com/driver_downloads/OTS/AP7C7773/OTS_Solution16020_EN.html

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Another very cheap meal with fish in Singapore for $3 only (2020-12-05 19:12) - Turritopsis Dohrnii Teo En Ming

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Top 10 Free Open Source PBX Software Solutions (2020-12-05 19:09) - Turritopsis Dohrnii Teo En Ming

Link: [1]https://getvoip.com/blog/2016/09/23/best-open-source-pbx-softwar e/

1. https://getvoip.com/blog/2016/09/23/best-open-source-pbx-software/

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Compare the Top 10 Best Open Source PBX Software of 2020 (2020-12-05 19:07) - Turritopsis Dohrnii Teo En Ming

Link: [1]https://www.voipreview.org/business-voip/best-open-source-pbx-so ftware

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Once poor but now worth $200 million, Hong Kong actor Ray Lui credits third wife for turning finances around (2020-12-05 19:05) - Turritopsis Dohrnii Teo En Ming

Link: [1]https://www.asiaone.com/entertainment/once-poor-now-worth-200-mi llion-hong-kong-actor-ray-lui-credits-third-wife-turning

1. https://www.asiaone.com/entertainment/once-poor-now-worth-200-million-hong-kong-actor-ray-lui-credits-third-wife-turning

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Bossy PAP Grassroots Volunteer Intimidates & Humiliates Resident Seeking MP For Help

(2020-12-05 19:03) - Turritopsis Dohrnii Teo En Ming

Link: [1]https://www.allsingaporestuff.com/2020/11/30/bossy-pap-grassroot s-volunteer-intimidates-humiliates-resident-seeking-mp-for-help/

1. https://www.allsingaporestuff.com/2020/11/30/bossy-pap-grassroots-volunteer-intimidates-humiliates-resident-seeking-mp-for-help/

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How to DIY/Setup An Open Source IP PBX Appliance/Server? (2020-12-05 19:00) - Turritopsis Dohrnii Teo En Ming

Subject: How to DIY/Setup An Open Source IP PBX Appliance/Server?

Good day from Singapore,

After reading recent reviews, I gather that Asterisk is the gold standard when it comes to open source VoIP systems and it is the most famous open source PBX out there.

Article: Compare the Top 10 Best Open Source PBX Software of 2020

Link: https://www.voipreview.org/business-voip/best-open-source-pbx-software

Article: Top 10 Free Open Source PBX Software Solutions

Link: https://getvoip.com/blog/2016/09/23/best-open-source-pbx-software/

The following is an excerpt from Wikipedia:

"Asterisk is a core component in many commercial products and open-source projects. Some of the commercial products are hardware and software bundles, for which the manufacturer supports and releases the software with an open-source distribution model.

AskoziaPBX, a fork of the m0n0wall project, uses Asterisk PBX software to realize all telephony functions.

AstLinux is a "Network Appliance for Communications" open-source software distribution.[15]

FreePBX, an open-source graphical user interface, bundles Asterisk as the core of its FreePBX Distro[16]

LinuxMCE bundles Asterisk to provide telephony; there is also an embedded version of Asterisk for OpenWrt routers.

PBX in a Flash/Incredible PBX and trixbox are software PBXes based on Asterisk.

Elastix previously used Asterisk, HylaFAX, Openfire and Postfix to offer PBX, fax, instant messaging and email functions, respectively, before switching to 3CX.

Issabel is an open-source Unified Communications software which uses Asterisk for telephony functions. It was forked from the open-source versions of Elastix when 3CX acquired it.

*astTECS uses Asterisk in its VoIP and mobile gateways."

Link: https://en.wikipedia.org/wiki/Asterisk _(PBX)

I would like to DIY/setup an IP PBX appliance/server using free open source projects.

Which free open source project, mentioned in the list and links above, would you recommend to DIY my IP PBX appliance/server?

Should I buy a desktop computer or get one of those appliances listed in the link below to serve as my IP PBX appliance/server?

Link: https://www.lazada.sg/products/pfsense-iron-metal-case-fanless-intel-celeron-j1 800-dual-core-mini-pc-firewall-soft-router-with-ddr3l-msata-ssd-4-gigabit-lan-r j45-com-port-i449270007-s1196780479.html?spm=a2o42.searchlist.list.89.100857d 22PjCYx &search=1

Please also refer me to very good, detailed and well explained guides/tutorials/manuals on setting up open source IP PBX appliances/servers.

Lastly, please recommend a cheap and affordable IP phone (suggest brand and model) to go along with my DIY open source IP PBX appliance/server.

Mr. Turritopsis Dohrnii Teo En Ming, 42 years as of 1st December 2020 Tuesday, is a TARGETED INDIVIDUAL (TI) living in Singapore.

Thank you very much.

REFERENCES

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[1] [1]https://sourceforge.net/p/astlinux/mailman/message/37165333/

[2] [2]http://lists.digium.com/pipermail/asterisk-users/2020-December/295466. html

[3] [3]http://lists.opensips.org/pipermail/users/2020-December/044081.html

[4] [4]https://lists.kamailio.org/pipermail/sr-users/2020-December/111260.html

[5] [5]http://lists.freeswitch.org/pipermail/freeswitch-users/2020-De cember/134307.html

1. `https://sourceforge.net/p/astlinux/mailman/message/37165333/`
2. `http://lists.digium.com/pipermail/asterisk-users/2020-December/295466.html`
3. `http://lists.opensips.org/pipermail/users/2020-December/044081.html`
4. `https://lists.kamailio.org/pipermail/sr-users/2020-December/111260.html`
5. `http://lists.freeswitch.org/pipermail/freeswitch-users/2020-December/134307.html`

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Very cheap meal with fish in Singapore, $3 only (2020-12-05 18:57) - Turritopsis Dohrnii Teo En Ming

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[Daily Stories] "I am almost 117 years old but I have energy & feel like I’m 21 years old" Saild the World Oldest Woman (2020-12-05 18:54) - Turritopsis Dohrnii Teo En Ming

Link: [1]https://m.facebook.com/story.php?story _fbid=113607340571920 &id=101185008480820

1. https://m.facebook.com/story.php?story_fbid=113607340571920&id=101185008480820

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Attachment size limit Exchange 2016 (2020-12-05 18:51) - Turritopsis Dohrnii Teo En Ming

Link: [1]https://www.alitajran.com/attachment-size-limit-exchange-2016/

1. https://www.alitajran.com/attachment-size-limit-exchange-2016/

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[Microsoft Exchange Server] Configure message size limits for a mailbox (2020-12-05 18:49) - Turritopsis Dohrnii Teo En Ming

Link: [1]https://docs.microsoft.com/en-us/exchange/recipients/user-mailboxe s/mailbox-message-size-limits?view=exchserver-2019

1. https://docs.microsoft.com/en-us/exchange/recipients/user-mailboxes/mailbox-message-size-limits?view=exchserver-2019

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Installing FreePBX with the Official Distro (2020-12-05 18:47) - Turritopsis Dohrnii Teo En Ming

Link: [1]https://wiki.freepbx.org/display/FOP/Installing+FreePBX+with+the +Official+Distro

1. https://wiki.freepbx.org/display/FOP/Installing+FreePBX+with+the+Official+Distro

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[FreePBX] Configuring Your PBX (2020-12-05 18:45) - Turritopsis Dohrnii Teo En Ming

Link: [1]https://wiki.freepbx.org/display/FPG/Configuring+Your+PBX

1. `https://wiki.freepbx.org/display/FPG/Configuring+Your+PBX`

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Singaporean Targeted Individual Jolovan Wham is Now Famous! (2020-12-05 18:43) - Turritopsis Dohrnii Teo En Ming

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What are the differences between Fail2ban IPS and Snort IPS? (2020-12-05 18:39) - Turritopsis Dohrnii Teo En Ming

Subject: What are the differences between Fail2ban IPS and Snort IPS?

Good day from Singapore,

What are the differences between Fail2ban IPS and Snort IPS?

One difference I can think of is that Fail2ban is a host-based IPS while Snort is a network-based IPS.

Please correct me if I am wrong.

I have deployed Snort IPS (as an installed package inside pfSense firewall/network security appliance) a few times before but I have not deployed Fail2ban IPS yet. I am looking forward to deploying Fail2ban IPS in the future. Is it very difficult to install and configure Fail2ban?

Thank you.

IPS: Intrusion Prevention System

IDS: Intrusion Detection System

IDPS: Intrusion Detection and Prevention System

Mr. Turritopsis Dohrnii Teo En Ming, 42 years old as of 2nd December 2020 Wed, is a TARGETED INDIVIDUAL (TI) living in Singapore.

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==========

[1] [1]https://sourceforge.net/p/fail2ban/mailman/message/37167084/

1. `https://sourceforge.net/p/fail2ban/mailman/message/37167084/`

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Webmin facilitates ease of configuring MTAs/SMTP Servers? (2020-12-05 18:37) - Turritopsis Dohrnii Teo En Ming

Subject: Webmin facilitates ease of configuring MTAs/SMTP Servers?

Good day from Singapore,

Traditionally MTAs or SMTP servers like sendmail, qmail, exim and postfix, etc, are difficult to install and configure manually by hand.

With the use of Webmin GUI interface, is it a lot easier to configure MTAs like sendmail, qmail, exim and postfix?

In the past, I had SMTP servers installed and configured by cPanel and CentOS Web Panel (CWP) web hosting control panels. It was very easy. I never had to meddle with the configuration files of MTAs.

I would like to contemplate installing and configuring MTAs using Webmin in the future.

Thank you for developing a web GUI interface for configuring MTAs.

Mr. Turritopsis Dohrnii Teo En Ming, 42 years old as of 2nd December 2020 Wed, is a TARGETED INDIVIDUAL (TI) living in Singapore.

REFERENCES

==========

[1] [1]https://sourceforge.net/p/webadmin/mailman/message/37167098/

1. https://sourceforge.net/p/webadmin/mailman/message/37167098/

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United Nations Document: A primary goal in these 'slow-kill', 'no-touch'/'soft-kill' programs is to remove Targeted Individuals from the job workforce (2020-12-05 18:35) - Turritopsis Dohrnii Teo En Ming

The United Nations Office of the High Commissioner for Human Rights website had published a document submission from an anonymous Targeted Individual living in India. There are millions of Targeted Individuals in every country all over the world.

The link is:

[1]https://www.ohchr.org/Documents/Issues/Torture/Call/Individuals/Milita rygrade.pdf

[QUOTE]

A primary goal in these 'slow-kill', 'no-touch'/'soft-kill' programs is to remove TIs from the job workforce - so that they are in range at home for longer times to facilitate more testing, refining of weapons and for training more operators and neural programmers.

[/QUOTE]

1. `https://www.ohchr.org/Documents/Issues/Torture/Call/Individuals/Militarygrade.pdf`

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Search for the words "Targeted Individual" at the United Nations Office of the High Commissioner for Human Rights Website (2020-12-05 18:29) - Turritopsis Dohrnii Teo En Ming

The search terms at Google.com are:

targeted individual site:ohchr.org

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My team lead says my IT knowledge and skills are better than most of the other IT engineers in the company (2020-12-05 18:26) - Turritopsis Dohrnii Teo En Ming

On 2nd Dec 2020 Wed at 6+ pm, my team lead says my IT knowledge and skills are better than most of the other IT engineers in the company.

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Facebook User Kin Lee Has $36000 in His CPF Medisave Account While Teo En Ming Has Less Than $5000 (2020-12-05 18:23) - Turritopsis Dohrnii Teo En Ming

Facebook User Kin Lee Has $36000 in His CPF Medisave Account While Teo En Ming Has Less Than $5000

Why?

Because Teo En Ming is a Targeted Individual living in Singapore.

Facebook user Kin Lee: "Our own CPF use cap at $600 per year. My cpf medisave have $36k inside.. why cannot use? Why there's a cap of $600? Why I need to pay cash for my scan? This is ultra stupid.."

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Configuring Hoiio SIP provider to work with FreePBX (2020-12-05 18:19) - Turritopsis Dohrnii Teo En Ming

Link: [1]http://www.toughdev.com/content/2015/04/configuring-hoiio-sip-pr ovider-to-work-with-freepbx/

1. http://www.toughdev.com/content/2015/04/configuring-hoiio-sip-provider-to-work-with-freepbx/

VoIP in Singapore and FreePBX (2020-12-05 18:17) - Turritopsis Dohrnii Teo En Ming

Link: [1]https://geekout.biz/2016/11/30/voip-in-singapore/

1. https://geekout.biz/2016/11/30/voip-in-singapore/

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Linksys SPA3102 with Freepbx setup (2020-12-05 18:15) - Turritopsis Dohrnii Teo En Ming

Link: [1]https://zufapro.com/blog/networking-and-it-support-securities-ca meras-software-1/post/linksys-spa3102-with-freepbx-setup-9

1. `https://zufapro.com/blog/networking-and-it-support-securities-cameras-software-1/post/linksys-spa3102-with-freepbx-setup-9`

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Channel NewsAsia: A report from The Royal Society, the world's oldest independent scientific academy (2020-12-05 18:12) - Turritopsis Dohrnii Teo En Ming

Link: [1]https://www.channelnewsasia.com/news/commentary/covid-19-pfizer- vaccine-uk-approve-rollout-moderna-oxford-trial-13692066

1. https://www.channelnewsasia.com/news/commentary/covid-19-pfizer-vaccine-uk-approve-rollout-moderna-oxford-trial-13692066

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1.2 November

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Teo En Ming's Blog Book (Version 30 Nov 2020) Available for Download (2020-11-29 16:53) - Turritopsis Dohrnii Teo En Ming

Subject: Teo En Ming's Blog Book (Version 30 Nov 2020) Available for Download

Redundant Google Drive download links:

[1] [1]https://drive.google.com/file/d/1uf3gQr1BOuE4 _eyiU _v _JK9SWV0V7gZX/view?usp=sharing

[2] [2]https://drive.google.com/file/d/1UUByCBkNEt2eGdAataGPs4 _8cPUubd3S/view?usp=sharing

[3] [3]https://drive.google.com/file/d/1szOndAOB4cWtCBAbQ0XyFK2CJrkFQc7 _/view?usp=sharing

[4] [4]https://drive.google.com/file/d/1IjANDWPbcBba2uxn4dxM7zPALPPMHFK4/view ?usp=sharing

[5] [5]https://drive.google.com/file/d/1xTWOSsX5xgMaVTuTtTet0GBSMIL7s7oY/view ?usp=sharing

[6] [6]https://drive.google.com/file/d/1j3SbvplwFFK6Lj _v _pFI2K78I6wy6el4/view?usp=sharing

[7] [7]https://drive.google.com/file/d/1sA _Csx6X3D-5M9Lte7UEuI9fqGZDl5Bg/view?usp=sharing

1. https://drive.google.com/file/d/1uf3gQr1BOuE4_eyiU_v_JK9SWV0V7gZX/view?usp=sharing
2. https://drive.google.com/file/d/1UUByCBkNEt2eGdAataGPs4_8cPUubd3S/view?usp=sharing
3. https://drive.google.com/file/d/1szOndAOB4cWtCBAbQ0XyFK2CJrkFQc7_/view?usp=sharing
4. https://drive.google.com/file/d/1IjANDWPbcBba2uxn4dxM7zPALPPMHFK4/view?usp=sharing
5. https://drive.google.com/file/d/1xTWOSsX5xgMaVTuTtTet0GBSMIL7s7oY/view?usp=sharing
6. https://drive.google.com/file/d/1j3SbvplwFFK6Lj_v_pFI2K78I6wy6el4/view?usp=sharing
7. https://drive.google.com/file/d/1sA_Csx6X3D-5M9Lte7UEuI9fqGZDl5Bg/view?usp=sharing

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Phun Fashion Shoot near Fullerton Hotel on 28 Nov 2020 Sat (2020-11-29 16:24) - Turritopsis Dohrnii Teo En Ming

Subject: Phun Fashion Shoot near Fullerton Hotel on 28 Nov 2020 Sat

Photos taken using Panasonic FZ1000 Mark 2.

Total of 5 photo galleries.

Vol 1 (177 photos): [1]https://m.facebook.com/story.php?story _fbid=10157279737132735 &id=646397734

Vol 2 (172 photos): [2]https://m.facebook.com/story.php?story _fbid=10157279748472735 &id=646397734

Vol 3 (181 photos): [3]https://m.facebook.com/story.php?story _fbid=10157279760022735 &id=646397734

Vol 4 (183 photos): [4]https://m.facebook.com/story.php?story _fbid=10157279795132735 &id=646397734

Vol 5 (192 photos): [5]https://m.facebook.com/story.php?story _fbid=10157279814152735 &id=646397734

1. https://m.facebook.com/story.php?story_fbid=10157279737132735&id=646397734
2. https://m.facebook.com/story.php?story_fbid=10157279748472735&id=646397734
3. https://m.facebook.com/story.php?story_fbid=10157279760022735&id=646397734
4. https://m.facebook.com/story.php?story_fbid=10157279795132735&id=646397734
5. https://m.facebook.com/story.php?story_fbid=10157279814152735&id=646397734

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[YOUTUBE] Phun Fashion Shoot near Fullerton Hotel on 28 Nov 2020 Sat (2020-11-29 14:40) - Turritopsis Dohrnii Teo En Ming

IFRAME: [1]https://www.youtube.com/embed/cdVZKqO3VDY

1. `https://www.youtube.com/embed/cdVZKqO3VDY`

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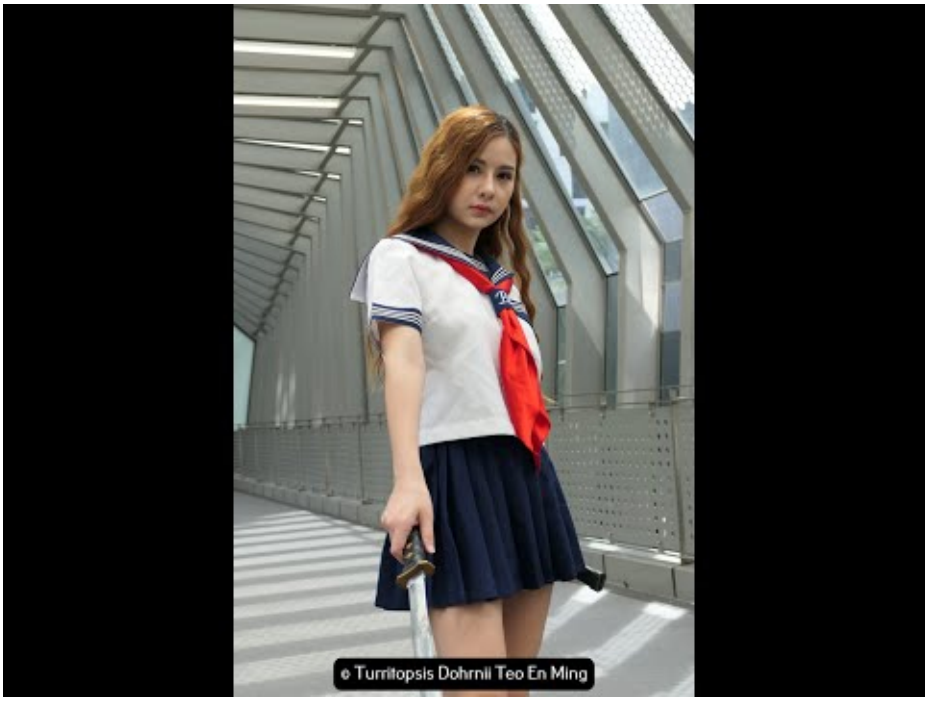
[YOUTUBE] DJ Rita Sailor School Uniform and Sailor Moon Costume Shoot 14 Nov 2020

(2020-11-29 14:37) - Turritopsis Dohrnii Teo En Ming



IFRAME: [1]https://www.youtube.com/embed/oUiXlulBMoE

1. `https://www.youtube.com/embed/oUiXlulBMoE`

Routine Health Screening at Toa Payoh Polyclinic 28 Nov 2020 Sat (2020-11-29 14:34) - Turritopsis Dohrnii Teo En Ming

Subject: Routine Health Screening at Toa Payoh Polyclinic 28 Nov 2020 Sat

Reviewing Doctor: Dr. Steven Chao

Alb:Crea Ratio, U

==========

Creatinine, U

11.7 (mmol/L)

Albumin, U

8.1 (mg/L)

Alb:Crea Ratio

0.7 (mg/mmol) 0.0 - 2.5

Glucose Fasting,POCT

==========

Glucose Fasting,POCT

5.9 (mmol/L) 3.0 - 6.0

HbA1c

=====

HbA1c

6.1 (%) 4.5 - 6.4

eGFR

====

eGFR

87 (mL/min)

>60

Lipid Panel

==========

LDL-C

3.75 (mmol/L)

Chol : HDL Ratio

5.32

Potassium

4.2 (mmol/L)

3.5 - 5.1

Sodium

140 (mmol/L)

135 - 145

Creatinine

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93 (umol/L)

67 - 112

Cholesterol

5.69 (mmol/L)

Triglycerides

1.94 (mmol/L)

HDL-C

1.07 (mmol/L)

Blood Pressure

==========

120/71

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"Life is all about connections. You must grab on to the connections you make and it helps to have a benefactor," Sharon said. (2020-11-29 14:32) - Turritopsis Dohrnii Teo En Ming

Link: [1]https://www.asiaone.com/entertainment/sharon-au-resigned-dramati cally-mediacorp-because-she-was-scolded-sharing-her-ideas

1. https://www.asiaone.com/entertainment/sharon-au-resigned-dramatically-mediacorp-because-she-was-scolded-sharing-her-ideas

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Teo En Ming's Blog Book 21 Nov 2020 Download Links (2020-11-28 14:37) - Turritopsis Dohrnii Teo En Ming

[1] [1]https://www.scribd.com/document/485358436/Turritopsis-Dohrnii-Teo-En-M ing-s-Blog-Book-21-Nov-2020

[2] [2]https://www.yumpu.com/en/document/view/64921825/turritopsis-dohrnii-te o-en-mings-blog-book-21-nov-2020

[3] [3]http://www.mediafire.com/file/h5c14g647hz7na9/Turritopsis _Dohrnii _Teo _En _Ming _Blog _Book _21 _Nov _2020.pdf/file

[4] [4]https://www.docdroid.net/3nWaJPR/turritopsis-dohrnii-teo-en-ming-blog- book-21-nov-2020-pdf

[5] [5]https://wetransfer.com/downloads/0fbdaf0fe2adaa618a2097c6d13eab0920201 123041136/a76025

1. https://www.scribd.com/document/485358436/Turritopsis-Dohrnii-Teo-En-Ming-s-Blog-Book-21-Nov-2020
2. https://www.yumpu.com/en/document/view/64921825/turritopsis-dohrnii-teo-en-mings-blog-book-21-nov-2020
3. http://www.mediafire.com/file/h5c14g647hz7na9/Turritopsis_Dohrnii_Teo_En_Ming_Blog_Book_21_Nov_2020.pdf/file
4. https://www.docdroid.net/3nWaJPR/turritopsis-dohrnii-teo-en-ming-blog-book-21-nov-2020-pdf
5. https://wetransfer.com/downloads/0fbdaf0fe2adaa618a2097c6d13eab0920201123041136/a76025

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Chill by the fireplace in this executive HDB flat in Tampines that’s home to 3 generations

(2020-11-28 14:34) - Turritopsis Dohrnii Teo En Ming

Link: [1]https://www.asiaone.com/lifestyle/chill-fireplace-executive-hdb- flat-tampines-thats-home-3-generations

1. https://www.asiaone.com/lifestyle/chill-fireplace-executive-hdb-flat-tampines-thats-home-3-generations

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[The New York Times] It Was Just Him and His Smiley Face. He’s Charged With Illegal Assembly.

(2020-11-28 14:32) - Turritopsis Dohrnii Teo En Ming

Link: [1]https://www.nytimes.com/2020/11/23/world/asia/singapore-smiley-f ace-protest-charges.html

1. https://www.nytimes.com/2020/11/23/world/asia/singapore-smiley-face-protest-charges.html

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Find which drive letter corresponds to Device Harddisk-Volume2 (2020-11-28 14:29) - Turritopsis Dohrnii Teo En Ming

Link: [1]https://www.youtube.com/watch?v=u2YnbLwieQ0

1. https://www.youtube.com/watch?v=u2YnbLwieQ0

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WinObj v2.23 (2020-11-28 14:28) - Turritopsis Dohrnii Teo En Ming

Link: [1]https://docs.microsoft.com/en-us/sysinternals/downloads/winobj

1. `https://docs.microsoft.com/en-us/sysinternals/downloads/winobj`

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Former Mediacorp actress Florence Tan, 43, exhausted after first week in university

(2020-11-28 14:26) - Turritopsis Dohrnii Teo En Ming

Link: [1]https://www.asiaone.com/entertainment/former-mediacorp-actress-f lorence-tan-43-exhausted-after-first-week-university

1. https://www.asiaone.com/entertainment/former-mediacorp-actress-florence-tan-43-exhausted-after-first-week-university

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Roundcube Webmail: Server Error: Failed to send fetch command (2020-11-28 14:24) - Turritopsis Dohrnii Teo En Ming

Subject: Roundcube Webmail: Server Error: Failed to send fetch command

Good day from Singapore,

This is a personal experience. I use Roundcube webmail, which comes out of the box with CentOS/Control Web Panel (CWP) web hosting control panel.

After my Inbox reaches almost 200,000 email messages, I frequently encounter the following error:

"Server Error: Failed to send fetch command"

My Inbox fails to list messages even after multiple repeated attempts to reload. Using Microsoft Outlook to delete all the email messages in Inbox and then emptying the Trash/Deleted Items does not work.

After briefly searching the internet, I found the solution. The solution can be found in the following article.

Article: Standard Webmail (Round Cube) slow performance mitigation

Link: https://community.plus.net/t5/Email/Standard-Webmail-Round-Cube-slow-performa nce-mitigation/td-p/1661899

The solution is quoted as follows:

[QUOTE=Townman]

The SUs have had this under constant review with Plusnet. After many months of looking at the obvious likely causes, it now looks as though a performance issue within the Round Cube Webmail client has been identified as being a significant contributor to the end user experience of slow loading email lists. Though other issues have been found and addressed, this one remains under investigation.

There is however a simple end user mitigation for the issue, which tests have shown makes a SIGNIFICANT performance difference. The issue appears to be related to the mail list display sort sequence. If a user has EVER changed the sort list from the default setting (none) - which lists newest email first - to something different … and then switches back to most recent item first using the column sort toggles, this DOES NOT result in the same configuration as per before changing the sort sequence. There remains an explicit sort setting which gives rise to the performance issue. Not exactly an obvious expectation.

To set the sort sequence back to the default setting requires EXPLICT user action...

1. Log into webmail
2. On the inbox list screen select LIST OPTIONS which is the little grid icon on the left of the column title bar
3. Set sorting column to NONE
4. Click save
5. See the mailbox list display nearly instantly

Work continues to identify the cause of the delay in retrieving a sorted list. Squirrel Mail (Basic webmail) does not suffer this issue, so might be more pragmatic if you have a large mailbox which you wish to view in a sequence other than by date, most recent first.

[/QUOTE]

Mr. Turritopsis Dohrnii Teo En Ming is very happy to have solved this problem/issue with Roundcube webmail, because I will be able to use Roundcube webmail anywhere in the world.

Mr. Turritopsis Dohrnii Teo En Ming, 42 years old as of 26 November 2020 Thursday, is a TARGETED INDIVIDUAL (TI) living in Singapore.

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==========

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[2] [2]http://lkml.iu.edu/hypermail/linux/kernel/2011.3/02919.html

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[4] [4]https://lwn.net/ml/linux-kernel/5b93da4f118ec3e987e83ae41a42fa06 %40teo-en-ming.com/

[5] [5]http://lists.linuxfromscratch.org/pipermail/lfs-chat/2020-November/029 161.html

[6] [6]http://lists.roundcube.net/pipermail/users/2020-November/012644.html

1. `https://lkml.org/lkml/2020/11/26/183`
2. `http://lkml.iu.edu/hypermail/linux/kernel/2011.3/02919.html`
3. `https://marc.info/?l=linux-kernel&m=160638308017156&w=2`
4. `https://lwn.net/ml/linux-kernel/5b93da4f118ec3e987e83ae41a42fa06%40teo-en-ming.com/`
5. `http://lists.linuxfromscratch.org/pipermail/lfs-chat/2020-November/029161.html`
6. `http://lists.roundcube.net/pipermail/users/2020-November/012644.html`

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Basic Setup of Aruba IAP-325-RW Instant Access Point (2020-11-28 14:21) - Turritopsis Dohrnii Teo En Ming

Subject: Basic Setup of Aruba IAP-325-RW Instant Access Point

Author: Mr. Turritopsis Dohrnii Teo En Ming (TARGETED INDIVIDUAL)

Country: Singapore

Date: 26 November 2020 Thursday Singapore Time

Type of Publication: Plain Text

Document version: 20201126.01

Assumptions

==========

An Aruba wireless controller already exists on the network.

Steps

=====

0. Unbox the new Aruba IAP-325-RW Instant Access Point and the IEEE 802.3at midspan.

1. Connect LAN cable from the switch to "Data In" port on the POE Injector (aka midspan).

2. Connect LAN cable from "Data and Power Out" port on POE Injector to Aruba IAP-325-RW Instant Access Point (ENET0 port).

3. Note down the MAC address of the new Aruba IAP-325-RW.

4. Run Advanced IP scanner on the network.

5. Look for the MAC address of the new Aruba IAP-325-RW IAP on Advanced IP Scanner. You will get the IP address of the new Aruba IAP-325-RW. The Aruba IAP-325-RW automatically obtains an IP address from the DHCP server on the network.

6. Login to the GUI of the Aruba IAP-325-RW at https://aaa.bbb.ccc.ddd:4343

7. This Aruba IAP-325-RW has been provisioned by the existing Aruba wireless controller on the network, so you cannot use the default username and password of "admin" to login any more.

I told my boss Donald Trump (fictitious name used) that the new Aruba IAP-325-RW is up on the network. Before I can even explore the configuration settings, my boss immediately rushed and beat me in configuring the new Aruba IAP-325-RW, leaving me with no opportunity to learn how to configure the new Aruba IAP-325-RW at all.

8. After my boss Donald Trump (fictitious name used) has configured the new Aruba IAP-325-RW, I tried to figure out how he configured it.

9. Once you login to the GUI of Aruba IAP-325-RW, click New.

10. Under "1. WLAN Settings" tab:

Name: Enter your desired wireless network name (SSID)

Primary usage: Employee

11. Under "2. VLAN" tab:

Client IP assignment: Network assigned

Client VLAN assignment: Default

12. Under "3. Security" tab:

Security Level: choose Personal

Key management: WPA-2 Personal

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Passphrase format: 8-63 chars

Passphrase: Enter your desired wi-fi password

Retype: Enter your desired wi-fi password

MAC authentication: Disabled

Blacklisting: Disabled

Enforce DHCP: Disabled

Fast Roaming

802.11r: Not checked

802.11k: Not checked

802.11v: Not checked

13. Under "4. Access" tab:

Access Rules: Unrestricted

Click Finish.

14. I am not very sure about the detailed configuration settings my boss made. He never shared them with me. But from what I gather, he has to give the new Aruba IAP-325-RW a hostname and associate the newly created SSID to this Aruba IAP-325-RW access point.

15. When I have the opportunity to configure Aruba wireless products again in the future, I will publish a more refined and detailed guide again. Stay tuned.

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==========

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2. http://lkml.iu.edu/hypermail/linux/kernel/2011.3/03061.html
3. https://marc.info/?l=linux-kernel&m=160639289719640&w=2
4. https://lwn.net/ml/linux-kernel/3975b8c530ff122d2df69aa49d6caea0%40teo-en-ming.com/
5. http://lists.linuxfromscratch.org/pipermail/lfs-chat/2020-November/029162.html

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How to Unblock IP Address of Email Client in Linux iptables Firewall in Linux Mail Server

(2020-11-28 14:18) - Turritopsis Dohrnii Teo En Ming

Subject: How to Unblock IP Address of Email Client in Linux iptables Firewall in Linux Mail Server

Good day from Singapore,

I am an IT consultant in Singapore. Today, Black Friday 27 November 2020, my client Donald Trump (fictitious name used) informed me that he cannot send and receive emails using his home Wi-Fi connection. But he could send and receive emails using his mobile phone 4G connection.

Apparently, the public IP address of his home internet connection was blocked. The IP address is 666.666.666.666 (fictitious IP address used).

I checked the Fortigate 100D firewall but it was not blocked there.

Then I proceed to check the Linux iptables firewall on my client's Linux mail server. I login/putty/ssh into mail.teo-en-ming-corp.com.sg, which is my client's Linux mail server.

I executed the following command:

iptables -S | grep 666.666.666.666

The output is:

-A DENYIN -s 666.666.666.666/32 ! -i lo -j DROP

-A DENYOUT -d 666.666.666.666/32 ! -o lo -j LOGDROPOUT

I proceeded to delete the above 2 Linux iptables firewall rules which blocked the IP address 666.666.666.666, using the following commands:

iptables -D DENYIN -s 666.666.666.666/32 ! -i lo -j DROP

iptables -D DENYOUT -d 666.666.666.666/32 ! -o lo -j LOGDROPOUT

Then I run the following command again to make sure the IP address has been unblocked.

iptables -S | grep 666.666.666.666

There should be no output, confirming that the IP address has been unblocked.

Now my client Donald Trump is able to send and receive emails using his home Wi-fi connection successfully.

The author, Mr. Turritopsis Dohrnii Teo En Ming, 42 years as of 27 Nov 2020 Friday, is a TARGETED INDIVIDUAL (TI) living in Singapore.

Reference Guide: How To List and Delete Iptables Firewall Rules

Link: https://www.digitalocean.com/community/tutorials/how-to-list-and-delete-iptab les-firewall-rules

REFERENCES

==========

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[2] [2]https://lkml.org/lkml/2020/11/27/89

[3] [3]http://lkml.iu.edu/hypermail/linux/kernel/2011.3/03852.html

[4] [4]https://marc.info/?l=linux-kernel &m=160646564204070 &w=2

[5] [5]https://lwn.net/ml/linux-kernel/841285c108f960bee81fd107dbc3798f %40teo-en-ming.com/

[6] [6]http://lists.linuxfromscratch.org/pipermail/lfs-chat/2020-November/029 163.html

1. https://marc.info/?l=netfilter&m=160646592704155&w=2
2. https://lkml.org/lkml/2020/11/27/89
3. http://lkml.iu.edu/hypermail/linux/kernel/2011.3/03852.html
4. https://marc.info/?l=linux-kernel&m=160646564204070&w=2
5. https://lwn.net/ml/linux-kernel/841285c108f960bee81fd107dbc3798f%40teo-en-ming.com/
6. http://lists.linuxfromscratch.org/pipermail/lfs-chat/2020-November/029163.html

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Teo En Ming's Blog Book (Version 21 Nov 2020) Available for Download (2020-11-21 17:42) - Turritopsis Dohrnii Teo En Ming

Subject: Teo En Ming's Blog Book (Version 21 Nov 2020) Available for Download

Redundant Google Drive download links:

[1] [1]https://drive.google.com/file/d/1sR4UBypl _7APZr8eyCcYUxJ79tfEC9UA/view?usp=sharing

[2] [2]https://drive.google.com/file/d/1xN2H3TDN2RF9eji9jMtuwgUNuFMJOu8c/view ?usp=sharing

[3] [3]https://drive.google.com/file/d/1fIW5MqP8mfR4oPFHl9YYr7mSWB7QdM3u/view ?usp=sharing

[4] [4]https://drive.google.com/file/d/1wa22yAX9GycvmQb5STY3jP2zxOD6KqpG/view ?usp=sharing

[5] [5]https://drive.google.com/file/d/1BwenArFw1akZyIV1EXWqpKesgRWfngqq/view ?usp=sharing

[6] [6]https://drive.google.com/file/d/1QjTRUj3Vw7pqdT0UBqsCf4l-g9vLoqT1/view ?usp=sharing

1. `https://drive.google.com/file/d/1sR4UBypl_7APZr8eyCcYUxJ79tfEC9UA/view?usp=sharing`
2. `https://drive.google.com/file/d/1xN2H3TDN2RF9eji9jMtuwgUNuFMJOu8c/view?usp=sharing`
3. `https://drive.google.com/file/d/1fIW5MqP8mfR4oPFHl9YYr7mSWB7QdM3u/view?usp=sharing`
4. `https://drive.google.com/file/d/1wa22yAX9GycvmQb5STY3jP2zxOD6KqpG/view?usp=sharing`
5. `https://drive.google.com/file/d/1BwenArFw1akZyIV1EXWqpKesgRWfngqq/view?usp=sharing`
6. `https://drive.google.com/file/d/1QjTRUj3Vw7pqdT0UBqsCf4l-g9vLoqT1/view?usp=sharing`

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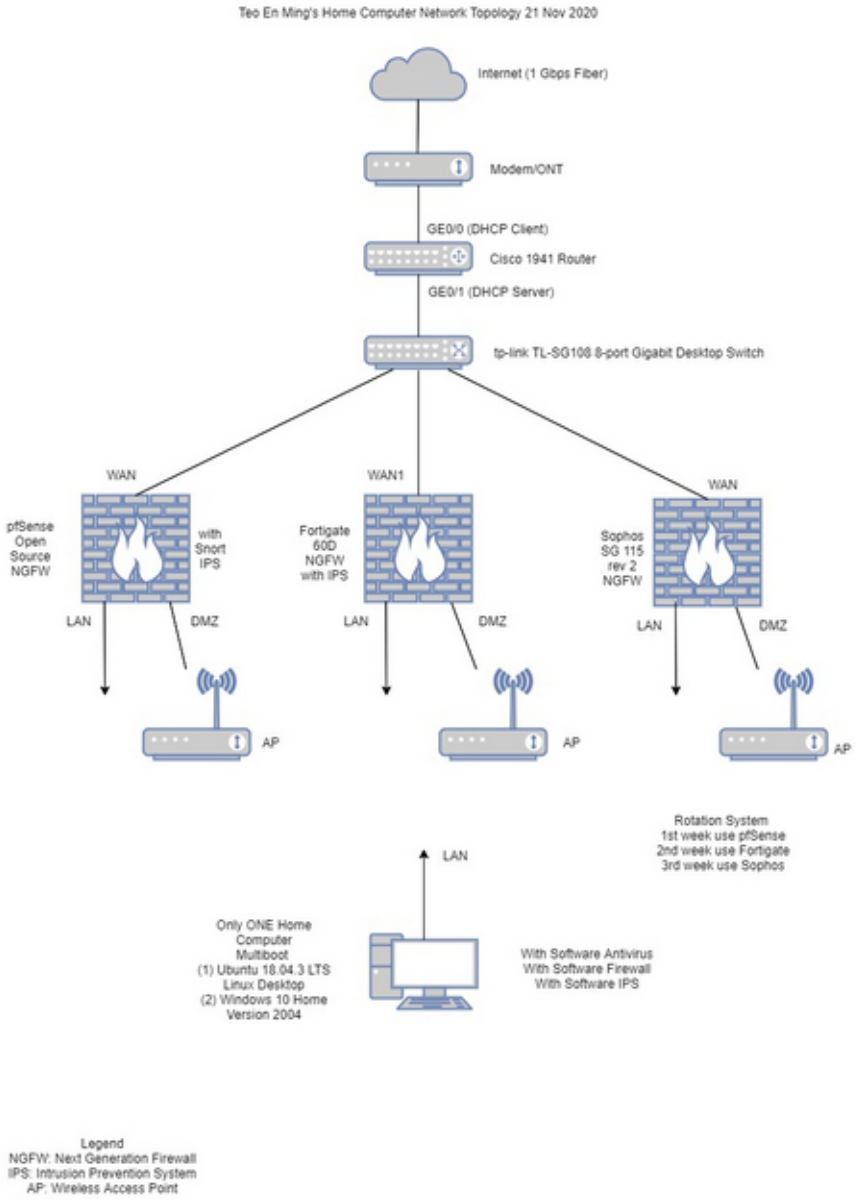
Teo En Ming's Home Computer Network Topology 21 Nov 2020 (2020-11-21 17:08) - Turritopsis Dohrnii Teo En Ming



In Memory of My Father Teo Eng Guam (2020-11-21 16:08) - Turritopsis Dohrnii Teo En Ming

In Memory of My Father Teo Eng Guam

Published in The Straits Times Obituaries 17 September 2020

B12 | THE STRAITS TIMES | THURSDAY SEPTEMBER 17, 2020 |

OBITUARIES

FOR BOOKINGS AND ENQUIRIES
1800-285-9988 or 6319-5192

Lim Ek Hong
Age: 79

Was called home to be with the Lord on 16 September 2020.
Dearly missed and fondly remembered by loved ones:

Wife: Lee Siew Kiat

Daughter: Lim Suat Pek
Son-in-law: Lai Seng Kwoon
Grandsons: Lai Chi Peng Timothy, Lai Chi Yeong Ethan
Granddaughter: Lai Geng Yin Phoebe

And all relatives and friends.

Wake is held at Garden of Remembrance, Parousia Room, 920 Old Choa Chu Kang Road, Singapore 699815.
Wake service on Thursday 17 September 2020 at 8.00pm.
Funeral service on Friday 18 September 2020 at 12.15pm, thereafter cortege leaves at 1.00pm for cremation at Mandai Crematorium Hall 2 at 1.40pm.
Wake visiting registration: http://bit.ly/3G1B5J9

Kwok Sin Thang Mindy
Age: 61

Passed away peacefully on 15 September 2020.
Dearly missed and fondly remembered by loved ones.

Father: Kwok Man Wei (deceased)
Mother: Lin Kum Chee
Brothers: Kwok Chin Phang, Kwok Chin Leong
Sister-in-law: Judy Ng
Sisters: Kwok Siu Yee, Kwok Siu Fai, Kwok Siu Kin
Brothers-in-law: Wong Chee Hai, How Kian Soon, Yeo Puay Seng
Nephews: Wong Ee Yang, Ee How Guo Xuan, Nieve: How Xu Wei, Granddaughter: Wong Yee Ze Theodore
Nieces-in-law: Ting Wan Ping Michelle, Ee Wee Jun Ting Natalie

And all relatives and friends.

Wake is held at Singapore Casket Level 1, Silver Hall, 131 Lavender Street, Singapore 338737.
Funeral service on Thursday 17 September 2020 at 4.00pm, thereafter cortege leaves at 4.30pm for cremation at Mandai Crematorium Hall 3 at 4.50pm.

With Deepest Sympathy & Heartfelt Condolences to The Family of the Late

Kwok Sin Thang Mindy
GS SNEE (2001-2015), GS CMPD (2016-2019)
Departed on 15 September 2020

From:
Executive Committee and Staff of
Creative Media and Publishing Union

Boey Sok Teng
Age: 90

Was called home to be with the Lord on 15 September 2020.
Dearly missed and fondly remembered by loved ones.

Husband: Pang Hai (deceased)
Daughters: Foong Yoke Yin Diana, Foong Ioeen Min, Foong Yoke Hiong Berry
Son-in-law: Ippei Amamoto
Grandchildren: Yusuke Amamoto, Yoko Amamoto
Spouses: Futaiko Amamoto, Masashi Ito
Great-Grandchildren: Togo Ito, Futo Ito, Akari Amamoto

And all relatives and friends.

Wake is held at Block 324 Clementi Avenue 5, Singapore 120324.
Wake service on Thursday 17 September 2020 at 8.00pm.
Encoffining service on Friday 18 September 2020 at 2.45pm, thereafter cortege leaves at 3.00pm for Mandai Crematorium Hall 3 for cremation at 3.45pm.
Wake visiting registration: http://bit.ly/3G1B5J9

With Deepest Sympathy & Heartfelt Condolences to The Family of The Late

Rohaida Binti Sarbini
Departed on 15 September 2020

From:
The Director-General, Management & Staff of the Civil Aviation Authority of Singapore

CAAS
Civil Aviation Authority of Singapore

Teo Eng Guam
Age : 76

was called home to be with the Lord on 15 Sep 2020 leaving behind loved ones.

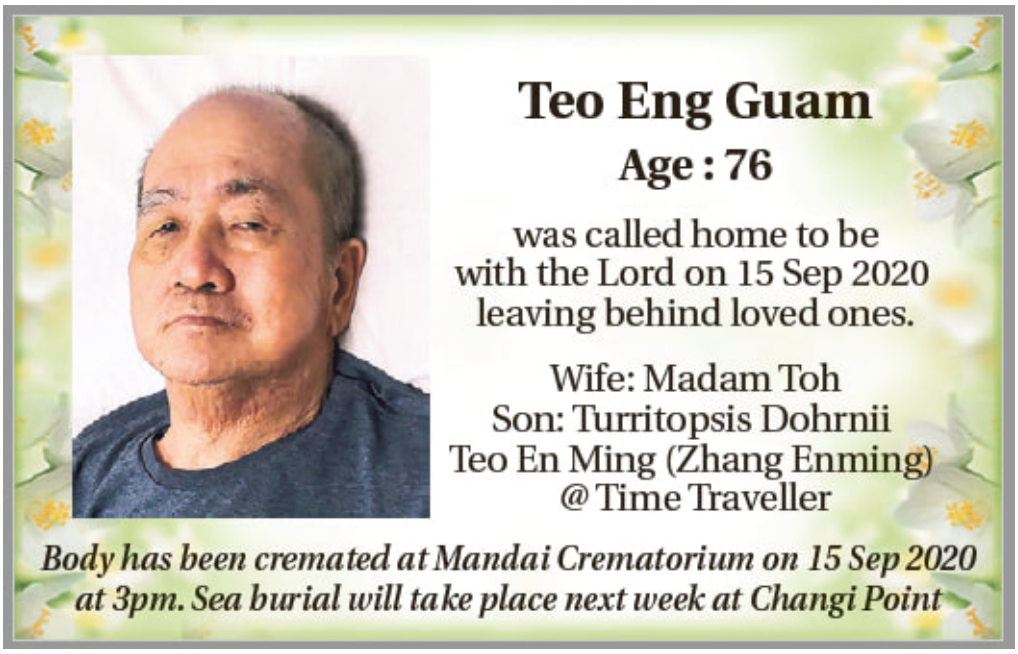
Wife: Madam Toh
Son: Turritopsis Dohrnii Teo En Ming (Zhang Enming) @ Time Traveller

Body has been cremated at Mandai Crematorium on 15 Sep 2020 at 3pm. Sea burial will take place next week at Changi Point

ERIC TAN KAY LOCK
8 Dec 1945 - 17 Sept 2008

In memory of Mdm Lee

In memory of Mdm Lee



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China’s Xi Jinping personally halted Ant’s record-breaking $37 billion IPO after boss Jack Ma snubbed government leaders, report says (2020-11-21 16:01) - Turritopsis Dohrnii Teo En Ming

Link: [1]https://markets.businessinsider.com/news/stocks/ant-group-ipo-pe rsonally-halted-china-xi-jinping-jack-wsj-2020-11-1029800224

1. https://markets.businessinsider.com/news/stocks/ant-group-ipo-personally-halted-china-xi-jinping-jack-wsj-2020-11-1029800224

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Cheapest meal in Singapore, $2 only (2020-11-21 15:58) - Turritopsis Dohrnii Teo En Ming

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Friends from Hong Kong: Taiwan's Refugee Problem (2020-11-21 15:56) - Turritopsis Dohrnii Teo En Ming

Link: [1]https://thediplomat.com/2019/10/friends-from-hong-kong-taiwans-r efugee-problem/

1. https://thediplomat.com/2019/10/friends-from-hong-kong-taiwans-refugee-problem/

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Why is Turritopsis Dohrnii Teo En Ming posting all over the world? (2020-11-21 15:53) - Turritopsis Dohrnii Teo En Ming

Question: Why is Turritopsis Dohrnii Teo En Ming posting all over the world?

Answer: Because Turritopsis Dohrnii Teo En Ming wants to immortalize himself.

[QUOTE=JEAN GUERRERO]

I paused, trying to think of the best response. “Pa, if I write your story, you’ll be immortal,” I said.

[/QUOTE]

Article: My Father Says He’s a ‘Targeted Individual.’ Maybe We All Are

Link: [1]https://www.wired.com/story/my-father-says-hes-a-targeted-individu al-maybe-we-all-are/

1. https://www.wired.com/story/my-father-says-hes-a-targeted-individual-maybe-we-all-are/

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3 Ways to Analyze Memory Dump (.dmp) File (2020-11-21 15:39) - Turritopsis Dohrnii Teo En Ming

Link: [1]https://www.raymond.cc/blog/how-to-analyze-memory-dump-dmp-file/

1. `https://www.raymond.cc/blog/how-to-analyze-memory-dump-dmp-file/`

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[The Times of Israel] Futuristic device from Israeli firm puts music in your head, without headphones (2020-11-21 15:36) - Turritopsis Dohrnii Teo En Ming

Subject: [The Times of Israel] Futuristic device from Israeli firm puts music in your head, without headphones

For Worldwide Release 19 November 2020 Thursday Singapore Time

We are not mentally ill at all. Governments have been using top secret advanced military grade technology for decades to make Targeted Individuals (TIs) hear voices and then label us crazy.

To all the millions of Targeted Individuals (TIs) all over the world, you ***MUST*** read the following news article published by The Times of Israel!

Title of News Article: Futuristic device from Israeli firm puts music in your head, without headphones

Synopsis: 'Sound beaming' 3-D technology from Noveto Systems tracks ear and sends it audio using ultrasonic waves, creating personal listening pockets

Journalist/Reporter: Louise Dixon

Publisher: The Times of Israel

Date Published: 13 November 2020, 3:20 AM

Link: https://www.timesofisrael.com/futuristic-device-from-israeli-firm-puts-music-in -your-head-without-headphones/

Now millions of Targeted Individuals (TIs) all over the world will be able to cite this news article and 3D sound beaming technology as credible, solid and concrete evidence that governments have been making use of advanced technology to make Targeted Individuals (TIs) hear voices. Schizophrenia is NOT a mental illness but a condition induced by Government Mind Control Technology, which involves 3D sound beaming technology, Remote Neural Monitoring (RNM), satellites, wireless repeaters, cellular/mobile networks, brain-computer interface, nanotechnology brain implants/chips, bio-communications engineering, etc etc.

Mr. Turritopsis Dohrnii Teo En Ming, 42 years old as of 19 November 2020, is a Targeted Individual (TI) living in Singapore. I, Turritopsis Dohrnii Teo En Ming, declare that schizophrenia (hearing voices) is NOT a mental illness.

REFERENCES

==========

[1] [1]https://lkml.org/lkml/2020/11/19/705

[2] [2]http://lkml.iu.edu/hypermail/linux/kernel/2011.2/06113.html

[3] [3]https://marc.info/?l=linux-kernel &m=160579863615761 &w=2

[4] [4]https://lwn.net/ml/linux-kernel/6eb01e25485f6b25b6483e98f5dc185e %40teo-en-ming.com/

[5] [5]http://lists.linuxfromscratch.org/pipermail/lfs-chat/2020-November/029 160.html

1. https://lkml.org/lkml/2020/11/19/705
2. http://lkml.iu.edu/hypermail/linux/kernel/2011.2/06113.html
3. https://marc.info/?l=linux-kernel&m=160579863615761&w=2
4. https://lwn.net/ml/linux-kernel/6eb01e25485f6b25b6483e98f5dc185e%40teo-en-ming.com/
5. http://lists.linuxfromscratch.org/pipermail/lfs-chat/2020-November/029160.html

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DJ Rita Sailor Shoot (2020-11-14 19:26) - Turritopsis Dohrnii Teo En Ming

Photos taken using Panasonic FZ1000 Mark 2.

Total of 4 photo galleries.

Vol 1 (198 photos): [1]https://m.facebook.com/story.php?story _fbid=10157251327072735 &id=646397734

Vol 2 (191 photos): [2]https://m.facebook.com/story.php?story _fbid=10157251346457735 &id=646397734

Vol 3 (44 photos): [3]https://m.facebook.com/story.php?story _fbid=10157251352257735 &id=646397734

Vol 4 (182 photos): [4]https://m.facebook.com/story.php?story _fbid=10157251364862735 &id=646397734

1. `https://m.facebook.com/story.php?story_fbid=10157251327072735&id=646397734`
2. `https://m.facebook.com/story.php?story_fbid=10157251346457735&id=646397734`
3. `https://m.facebook.com/story.php?story_fbid=10157251352257735&id=646397734`
4. `https://m.facebook.com/story.php?story_fbid=10157251364862735&id=646397734`

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Guide on Renewing SSL Certificate for Apache, Postfix and Dovecot on CentOS 6.8 Linux

(2020-11-14 17:24) - Turritopsis Dohrnii Teo En Ming

Guide on Renewing SSL Certificate for Apache, Postfix and Dovecot on CentOS 6.8 Linux

==========

Author: Mr. Turritopsis Dohrnii Teo En Ming (TARGETED INDIVIDUAL)

Country: Singapore

Date: 12 November 2020 Thursday Singapore Time

Type of Publication: Plain Text

Document Version: 20201112.01

Generating Certificate Signing Request (CSR) Using OpenSSL command on Linux

==========

Reference Guide: Generating CSR on Apache + OpenSSL/ModSSL/Nginx + Heroku

Link: https://www.namecheap.com/support/knowledgebase/article.aspx/9446/14/generati ng-csr-on-apache–opensslmodsslnginx–heroku/ #4

cd /root

which openssl

openssl req -new -newkey rsa:2048 -nodes -keyout teo-en-ming-corp.key -out teo-en-ming-corp.csr

Generating a 2048 bit RSA private key

....-.....+++

.....+++

writing new private key to 'teo-en-ming-corp.key'

—

You are about to be asked to enter information that will be incorporated

into your certificate request.

What you are about to enter is what is called a Distinguished Name or a DN.

There are quite a few fields but you can leave some blank

For some fields there will be a default value,

If you enter '.', the field will be left blank.

—

Country Name (2 letter code) [XX]:SG

State or Province Name (full name) []:Singapore

Locality Name (eg, city) [Default City]:Singapore

Organization Name (eg, company) [Default Company Ltd]:Teo En Ming Corporation

Organizational Unit Name (eg, section) []:IT Department

Common Name (eg, your name or your server's hostname) []:*.teo-en-ming-corp.com.sg (USE WILDCARD!!!)

Email Address []:ceo@teo-en-ming-corp.com

Please enter the following 'extra' attributes

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to be sent with your certificate request

A challenge password []:

An optional company name []:

mkdir teo-en-ming

mv teo-en-ming-corp.csr teo-en-ming-corp.key teo-en-ming/

cd teo-en-ming

[root@mail.teo-en-ming-corp.com.sg teo-en-ming] # ls -al

total 16

drwxr-xr-x 2 root root 4096 Nov 11 11:43 .

dr-xr-x—. 14 root root 4096 Nov 11 11:43 ..

-rw-r–r– 1 root root 1119 Nov 11 11:42 teo-en-ming-corp.csr

-rw-r–r– 1 root root 1708 Nov 11 11:42 teo-en-ming-corp.key

cat teo-en-ming-corp.csr (Display Certificate Signing Request)

—–BEGIN CERTIFICATE REQUEST—–

—–END CERTIFICATE REQUEST—–

cat teo-en-ming-corp.key (Display Private/Secret Key)

—–BEGIN PRIVATE KEY—–

—–END PRIVATE KEY—–

Result from AlphaSSL Portal

==========

Congratulations!

Your order has been placed successfully.

Your order number is :

You’ll need to copy the following Domain Verification Code and place it in a text file called "gsdv.txt" which you’ll then need to put in one of the approved locations

Meta Tag : <meta name=" _globalsign-domain-verification" content="" />

http://teo-en-ming-corp.com.sg/.well-known/pki-validation/gsdv.txt

https://teo-en-ming-corp.com.sg/.well-known/pki-validation/gsdv.txt

To complete the URL Verification, close the browser. Open the SSL Configuration Link in new browser and click on "Complete Url Verification".

End of Result from AlphaSSL Portal

==========

Domain Verification for SSL Certificate

==========

cd /home/teo-en-ming-corp/public _html

mkdir .well-known

cd .well-known

mkdir pki-validation

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cd pki-validation/

Edit gsdv.txt.

nano gsdv.txt

<meta name=" _globalsign-domain-verification" content="" />

Begin Email from AlphaSSL

==========

Email Subject: : Your SSL Certificate for *.teo-en-ming-corp.com.sg has been issued

———————————————————————————-

Please note that this email is automatically sent from a noreply mailbox.

To contact AlphaSSL please use the Contact Details at the footer of this email.

———————————————————————————-

Dear Turritopsis Dohrnii Teo En Ming,

Your AlphaSSL Certificate has now been issued and is ready to be installed. Your SSL Certificate can be found at the bottom of this email.

CERTIFICATE DETAILS

———————————————————

Order Number:

Common Name: *.teo-en-ming-corp.com.sg

INSTALLING YOUR CERTIFICATE

———————————————————-

Your SSL Certificate and Intermediate Certificate must be installed on your server.

Please note that as of March 31st 2014, SHA-256 will become the default hashing algorithm used unless SHA-1 was selected during the ordering process.

You can find guides on installing your certificate with the Support Center online at: http://www.alphassl.com/support

QUICK INSTALLATION GUIDE

———————————————————-

1) Using a text editor, copy the SSL Certificate text from the bottom of this email (including the ——BEGIN CERTIFICATE—— and ——END CERTIFICATE—— lines) and save it to a file such as yourdomain.txt

2) Retrieve the Intermediate Certificate (selecting SHA-1 or SHA-256 as appropriate) from the Support Center at:

https://www.alphassl.com/support/install-root-certificate.html

3) Using a text editor, copy the Intermediate Certificate text (including the —-BEGIN CERTIFICATE—— and ——END CERTIFICATE—— lines) and save it to a file such as intermediate _domain _ca.txt

4) Copy these .txt files to your server and then rename them with .crt extensions

5) Install the Intermediate and SSL Certificates

6) Restart your server

7) To test for installation errors please use our SSL Configuration Checker located at https://sslcheck.globalsign.com/en _US

8) Install your Site Seal with the instructions show at: http://www.alphassl.com/support/ssl-site-seal.html

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9) We suggest you back-up your SSL Certificate and Private Key pair and keep it safe, all IIS users can use the Export Wizard

We hope that your application process was quick and easy and you have enjoyed the AlphaSSL experience.

Thank you for choosing AlphaSSL, if you have any questions or issues please do not hesitate to contact us.

CONTACT US

For Sales, Technical Support & Account Queries:

W: http://www.alphassl.com/support

E: support@alphassl.com

T: US Toll Free: 877 SSLALPHA (+1 877 775 2574) | Fax: 720 528 8160

T: EU: +44 1622 766 700 | Fax: +44 1622 662 255

LOW COST. TRUSTED BY ALL BROWSERS. SSL MADE EASY.

YOUR SSL CERTIFICATE

(Formatted for the majority of web server software including IIS and Apache based servers):

—BEGIN CERTIFICATE—

—END CERTIFICATE—

End of Email from AlphaSSL

==========

cd /root/teo-en-ming

nano teo-en-ming-corp.crt (Saving the SSL Certificate/Public Key)

—BEGIN CERTIFICATE—

—END CERTIFICATE—

nano intermediate _domain _ca.crt (Saving the intermediate CA certificate)

—BEGIN CERTIFICATE—

—END CERTIFICATE—

Installing SSL Certificate on Postfix SMTP Server

==========

Backup the Postfix configuration files first before you modify anything.

cd /etc/postfix

cp main.cf main.teoenming

cp master.cf master.teoenming

Reference Guide: Installing and configuring SSL on Postfix/Dovecot mail server

Link: https://www.namecheap.com/support/knowledgebase/article.aspx/9795/69/installi ng-and-configuring-ssl-on-postfixdovecot-mail-server

Copy the public and private key over from /root/teo-en-ming to /etc/postfix.

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cd /root/teo-en-ming/

cp * /etc/postfix

cd /etc/postfix

Edit the Postfix configuration file.

nano main.cf

smtpd _tls _cert _file = /etc/postfix/teo-en-ming-corp.crt

smtpd _tls _key _file = /etc/postfix/teo-en-ming-corp.key

smtpd _tls _CAfile = /etc/postfix/intermedia _domain _ca.crt

Please note that the previous IT support company did not enable SSL/TLS for SMTP Server.

Restart the Postfix SMTP Server.

service postfix restart

Installing SSL Certificate on Dovecot IMAP and POP3 Incoming Mail Server

==========

Backup the auxiliary Dovecot configuration file first before you modify anything.

cd /etc/dovecot/conf.d

cp 10-ssl.conf 10-ssl.teoenming

Begin Redundant/Useless Section

==========

Please do not follow the instructions in this section.

cd /etc/pki/dovecot/certs

cp /root/teo-en-ming/teo-en-ming-corp.crt .

cd /etc/pki/dovecot/private/

cp /root/teo-en-ming/teo-en-ming-corp.key .

cd /etc/dovecot/conf.d

Edit 10-ssl.conf.

nano 10-ssl.conf

ssl _cert = </etc/pki/dovecot/certs/teo-en-ming-corp.crt

ssl _key = </etc/pki/dovecot/private/teo-en-ming-corp.key

End of Redundant/Useless Section

==========

Backup the Main Dovecot configuration file before you modify anything.

cd /etc/dovecot

cp dovecot.conf dovecot.conf.teoenming

Modify the Main Dovecot Configuration file.

nano dovecot.conf

local _name teo-en-ming-corp.com.sg {

ssl _cert = </home/teo-en-ming-corp/teo-en-ming-corp.crt

ssl _key = </home/teo-en-ming-corp/teo-en-ming-corp.key

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ssl _ca = </home/teo-en-ming-corp/intermediate _domain _ca.crt

}

local _name www.teo-en-ming-corp.com.sg {

ssl _cert = </home/teo-en-ming-corp/teo-en-ming-corp.crt

ssl _key = </home/teo-en-ming-corp/teo-en-ming-corp.key

ssl _ca = </home/teo-en-ming-corp/intermediate _domain _ca.crt

}

local _name autoconfig.teo-en-ming-corp.com.sg {

ssl _cert = </home/teo-en-ming-corp/teo-en-ming-corp.crt

ssl _key = </home/teo-en-ming-corp/teo-en-ming-corp.key

ssl _ca = </home/teo-en-ming-corp/intermediate _domain _ca.crt

}

local _name autodiscover.teo-en-ming-corp.com.sg {

ssl _cert = </home/teo-en-ming-corp/teo-en-ming-corp.crt

ssl _key = </home/teo-en-ming-corp/teo-en-ming-corp.key

ssl _ca = </home/teo-en-ming-corp/intermediate _domain _ca.crt

}

Restart the Dovecot IMAP and POP3 Incoming Mail Server.

service dovecot restart

Verify SSL Certificate of Email Server

==========

Reference Guide: How to verify that SSL for IMAP/POP3/SMTP works and a proper SSL certificate is in use

Link: https://support.plesk.com/hc/en-us/articles/213961665-How-to-verify-that-SSL-fo r-IMAP-POP3-SMTP-works-and-a-proper-SSL-certificate-is-in-use

[1] https://www.sslshopper.com/ssl-checker.html #hostname=smtp.gmail.com:465

[2] https://ssl-tools.net/mailservers

[3] IMAPS test: openssl s _client -showcerts -connect mail.teo-en-ming-corp.com.sg:993 -servername mail.teo-en-ming-corp.com.sg

CONNECTED(00000003)

depth=2 C = BE, O = GlobalSign nv-sa, OU = Root CA, CN = GlobalSign Root CA

verify return:1

depth=1 C = BE, O = GlobalSign nv-sa, CN = AlphaSSL CA - SHA256 - G2

verify return:1

depth=0 CN = *.teo-en-ming-corp.com.sg

verify return:1

—

Certificate chain

0 s:/CN=*.teo-en-ming-corp.com.sg

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i:/C=BE/O=GlobalSign nv-sa/CN=AlphaSSL CA - SHA256 - G2

—BEGIN CERTIFICATE—

—END CERTIFICATE—

1 s:/C=BE/O=GlobalSign nv-sa/CN=AlphaSSL CA - SHA256 - G2

i:/C=BE/O=GlobalSign nv-sa/OU=Root CA/CN=GlobalSign Root CA

—BEGIN CERTIFICATE—

—END CERTIFICATE—

—

Server certificate

subject=/CN=*.teo-en-ming-corp.com.sg

issuer=/C=BE/O=GlobalSign nv-sa/CN=AlphaSSL CA - SHA256 - G2

—

No client certificate CA names sent

—

SSL handshake has read 2961 bytes and written 632 bytes

—

New, TLSv1/SSLv3, Cipher is AES256-SHA256

Server public key is 2048 bit

Secure Renegotiation IS supported

Compression: NONE

Expansion: NONE

SSL-Session:

Protocol : TLSv1.2

Cipher : AES256-SHA256

Session-ID:

Session-ID-ctx:

Master-Key:

Key-Arg : None

Krb5 Principal: None

PSK identity: None

PSK identity hint: None

TLS session ticket lifetime hint: 300 (seconds)

TLS session ticket:

Start Time: 1605161631

Timeout : 300 (sec)

Verify return code: 0 (ok)

—

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* OK [CAPABILITY IMAP4rev1 LITERAL+ SASL-IR LOGIN-REFERRALS ID ENABLE IDLE AUTH=PLAIN AUTH=LOGIN] Dovecot ready.

[4] POP3S test: openssl s _client -showcerts -connect mail.teo-en-ming-corp.com.sg:995 -servername mail.teo-en-ming-corp.com.sg

CONNECTED(00000003)

depth=2 C = BE, O = GlobalSign nv-sa, OU = Root CA, CN = GlobalSign Root CA

verify return:1

depth=1 C = BE, O = GlobalSign nv-sa, CN = AlphaSSL CA - SHA256 - G2

verify return:1

depth=0 CN = *.teo-en-ming-corp.com.sg

verify return:1

—

Certificate chain

0 s:/CN=*.teo-en-ming-corp.com.sg

i:/C=BE/O=GlobalSign nv-sa/CN=AlphaSSL CA - SHA256 - G2

——BEGIN CERTIFICATE——

——END CERTIFICATE——

1 s:/C=BE/O=GlobalSign nv-sa/CN=AlphaSSL CA - SHA256 - G2

i:/C=BE/O=GlobalSign nv-sa/OU=Root CA/CN=GlobalSign Root CA

——BEGIN CERTIFICATE——

——END CERTIFICATE——

—

Server certificate

subject=/CN=*.teo-en-ming-corp.com.sg

issuer=/C=BE/O=GlobalSign nv-sa/CN=AlphaSSL CA - SHA256 - G2

—

No client certificate CA names sent

—

SSL handshake has read 2961 bytes and written 632 bytes

—

New, TLSv1/SSLv3, Cipher is AES256-SHA256

Server public key is 2048 bit

Secure Renegotiation IS supported

Compression: NONE

Expansion: NONE

SSL-Session:

Protocol : TLSv1.2

Cipher : AES256-SHA256

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Session-ID:

Session-ID-ctx:

Master-Key:

Key-Arg : None

Krb5 Principal: None

PSK identity: None

PSK identity hint: None

TLS session ticket lifetime hint: 300 (seconds)

TLS session ticket:

Start Time: 1605161905

Timeout : 300 (sec)

Verify return code: 0 (ok)

—

+OK Dovecot ready.

[5] SMTPS Port 465 test: openssl s _client -showcerts -connect mail.teo-en-ming-corp.com.sg:465 -servername mail.teo-en-ming-corp.com.sg

socket: Connection timed out

connect:errno=110

[6] SMTPS Port 587 test: openssl s _client -starttls smtp -showcerts -connect mail.teo-en-ming-corp.com.sg:587 -servername mail.teo-en-ming-corp.com.sg

CONNECTED(00000003)

140575970621256:error:140770FC:SSL routines:SSL23 _GET _SERVER _HELLO:unknown protocol:s23 _clnt.c:769:

—

no peer certificate available

—

No client certificate CA names sent

—

SSL handshake has read 278 bytes and written 309 bytes

—

New, (NONE), Cipher is (NONE)

Secure Renegotiation IS NOT supported

Compression: NONE

Expansion: NONE

—

Installing SSL Certificate on Apache Web Server

==========

Backup the auxiliary Apache web server configuration file before you modify anything.

cd /etc/httpd/conf.d

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cp ssl.conf ssl.teoenming

Begin Redundant/Useless Section

==========

Please do not follow the instructions in this section.

/etc/pki/tls/certs

cp /root/teo-en-ming/teo-en-ming-corp.crt .

/etc/pki/tls/private

cp /root/teo-en-ming/teo-en-ming-corp.key .

cd /etc/httpd/conf.d

Edit ssl.conf.

nano ssl.conf

SSLCertificateFile /etc/pki/tls/certs/teo-en-ming-corp.crt

SSLCertificateKeyFile /etc/pki/tls/private/teo-en-ming-corp.key

Verify all Apache web server configuration files are correct.

httpd -t

Restart Apache web server.

service httpd restart

End of Redundant/Useless Section

==========

Copy the public and private key over.

cd /home/teo-en-ming-corp

cp /root/teo-en-ming/* .

Backup the Main Apache web server configuration file before you modify anything.

cd /etc/httpd/conf

cp httpd.conf httpd.teoenming

Edit the Main Apache web server configuration file.

nano httpd.conf

SSLCertificateFile /home/teo-en-ming-corp/teo-en-ming-corp.crt

SSLCertificateKeyFile /home/teo-en-ming-corp/teo-en-ming-corp.key

SSLCACertificateFile /home/teo-en-ming-corp/intermediate _domain _ca.crt

Verify that your Apache web server configuration files are all correct.

httpd -t

Restart Apache web server.

service httpd restart

Configuring SSL Certificate inside Webmin

==========

Login to https://mail.teo-en-ming-corp.com.sg:10101

Username: root

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Password: <CENSORED>

You can also configure SSL Certificate using Webmin. I will publish a guide on this in the future.

Also, 16 screenshots will be published in the future.

End of Guide

==========

REFERENCES

==========

[1] [1]https://lkml.org/lkml/2020/11/12/334

[2] [2]http://lkml.iu.edu/hypermail/linux/kernel/2011.1/05835.html

[3] [3]https://marc.info/?l=linux-kernel &m=160517678830022 &w=2

[4] [4]https://lwn.net/ml/linux-kernel/2a3eb9295792ffa6a4767552f72ef6cf %40teo-en-ming.com/

[5] [5]http://lists.linuxfromscratch.org/pipermail/lfs-chat/2020-November/029 159.html

[6] [6]https://mta.openssl.org/pipermail/openssl-users/2020-November/013133.h tml

[7] [7]https://marc.info/?l=apache-httpd-users &m=160517877730629 &w=2

[8] [8]https://marc.info/?l=postfix-users &m=160517863730596 &w=2

[9] [9]https://dovecot.org/pipermail/dovecot/2020-November/120659.html

[10] [10]https://sourceforge.net/p/webadmin/mailman/message/37149308/

1. https://lkml.org/lkml/2020/11/12/334
2. http://lkml.iu.edu/hypermail/linux/kernel/2011.1/05835.html
3. https://marc.info/?l=linux-kernel&m=160517678830022&w=2
4. https://lwn.net/ml/linux-kernel/2a3eb9295792ffa6a4767552f72ef6cf%40teo-en-ming.com/
5. http://lists.linuxfromscratch.org/pipermail/lfs-chat/2020-November/029159.html
6. https://mta.openssl.org/pipermail/openssl-users/2020-November/013133.html
7. https://marc.info/?l=apache-httpd-users&m=160517877730629&w=2
8. https://marc.info/?l=postfix-users&m=160517863730596&w=2
9. https://dovecot.org/pipermail/dovecot/2020-November/120659.html
10. https://sourceforge.net/p/webadmin/mailman/message/37149308/

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Photos of Teo En Ming with Very Famous Reform Party Chairman Charles Yeo (2020-11-14 17:19) - Turritopsis Dohrnii Teo En Ming

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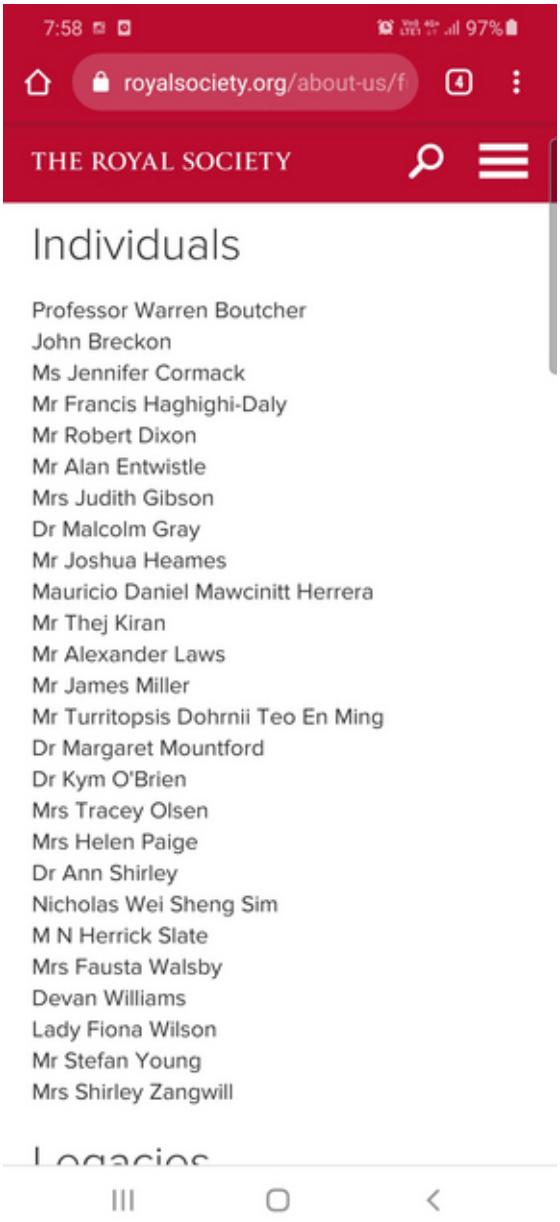
Teo En Ming's Donations to The Royal Society (Year 2020) **(2020-11-14 17:15) - Turritopsis Dohrnii Teo En Ming**

Link: [1]https://royalsociety.org/about-us/funding-finances/support-us/our- donors/



1. `https://royalsociety.org/about-us/funding-finances/support-us/our-donors/`

Teo En Ming's Official Social Media Accounts (2020-11-08 18:04) - Turritopsis Dohrnii Teo En Ming

Subject: Teo En Ming's Official Social Media Accounts

[1] Facebook

Link: [1]https://www.facebook.com/sgvideoman

[2] YouTube Channel

Link: [2]https://www.youtube.com/user/TeoEnMing/videos

[3] Instagram

Link: [3]https://www.instagram.com/teo.en.ming/?hl=en

[4] Flickr

Link: [4]https://www.flickr.com/photos/turritopsis-dohrnii-teo-en-ming/albums

1. `https://www.facebook.com/sgvideoman`
2. `https://www.youtube.com/user/TeoEnMing/videos`
3. `https://www.instagram.com/teo.en.ming/?hl=en`
4. `https://www.flickr.com/photos/turritopsis-dohrnii-teo-en-ming/albums`

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[YOUTUBE] Seifuku Photo Shoots in Singapore (2020-11-08 17:53) - Turritopsis Dohrnii Teo En Ming

Reiko Jinman Lee Sailor School Uniform Shoot 1 at National Gallery Singapore on 2 Apr 2016 Sat

IFRAME: [1]https://www.youtube.com/embed/IlQD7WvrML4

Ivy Sim Mei Jun Sailor School Uniform Shoot 1 at National Gallery Singapore on 6 May 2016 Fri

IFRAME: [2]https://www.youtube.com/embed/uErDL1h8rYE

Cassey Tan Sailor School Uniform Shoot 1 at Sentosa Boardwalk on 20 Feb 2016 Sat

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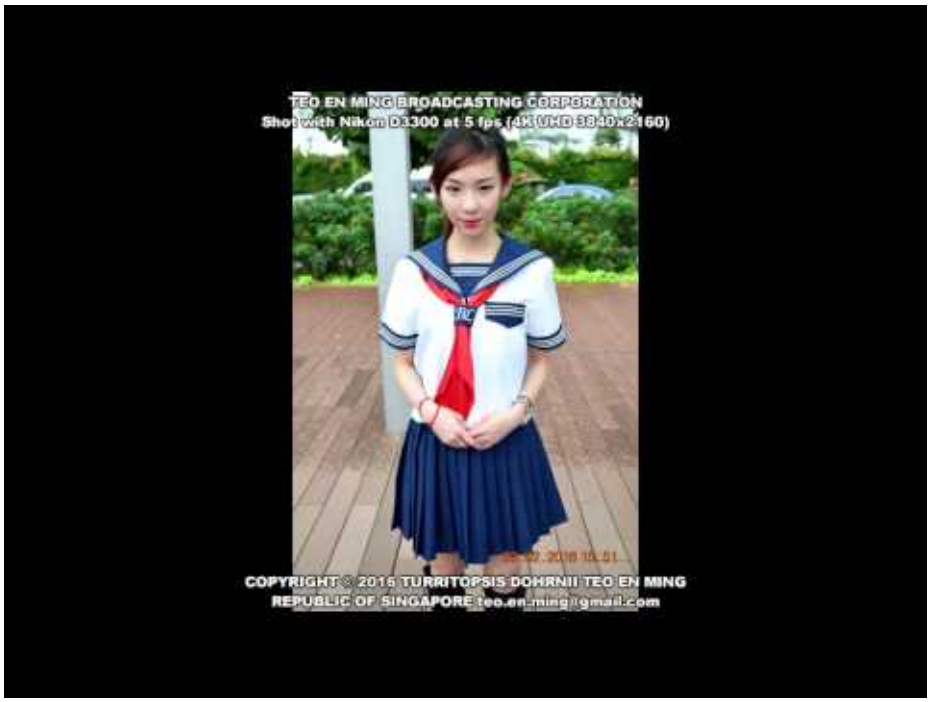

IFRAME: [3]https://www.youtube.com/embed/ij5J0bD8CKc

1. `https://www.youtube.com/embed/IlQD7WvrML4`
2. `https://www.youtube.com/embed/uErDL1h8rYE`
3. `https://www.youtube.com/embed/ij5J0bD8CKc`

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DJ Rita Bikini Shoot at Sheraton Towers Hotel on 8 November 2020 Sunday (2020-11-08 17:42) - Turritopsis Dohrnii Teo En Ming

Photos taken by Panasonic FZ1000 Mark 2.

Total of 6 photo galleries.

Vol 1 (147 photos): [1]https://m.facebook.com/story.php?story _fbid=10157239212942735 &id=646397734

Vol 2 (184 photos): [2]https://m.facebook.com/story.php?story _fbid=10157239230987735 &id=646397734

Vol 3 (178 photos): [3]https://m.facebook.com/story.php?story _fbid=10157239245502735 &id=646397734

Vol 4 (132 photos): [4]https://m.facebook.com/story.php?story _fbid=10157239256312735 &id=646397734

Vol 5 (180 photos): [5]https://m.facebook.com/story.php?story _fbid=10157239272197735 &id=646397734

Vol 6 (151 photos): [6]https://m.facebook.com/story.php?story _fbid=10157239284372735 &id=646397734

1. https://m.facebook.com/story.php?story_fbid=10157239212942735&id=646397734
2. https://m.facebook.com/story.php?story_fbid=10157239230987735&id=646397734
3. https://m.facebook.com/story.php?story_fbid=10157239245502735&id=646397734
4. https://m.facebook.com/story.php?story_fbid=10157239256312735&id=646397734
5. https://m.facebook.com/story.php?story_fbid=10157239272197735&id=646397734
6. https://m.facebook.com/story.php?story_fbid=10157239284372735&id=646397734

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DJ Rita Lingerie Shoot at Goodwood Park Hotel on 24 October 2020 Sat (2020-11-08 16:00) - Turritopsis Dohrnii Teo En Ming

Photos taken with Panasonic FZ1000 Mark 2.

Total of 3 photo galleries.

Vol 1 (146 photos): [1]https://m.facebook.com/story.php?story _fbid=10157225057332735 &id=646397734

Vol 2 (148 photos): [2]https://m.facebook.com/story.php?story _fbid=10157225067637735 &id=646397734

Vol 3 (133 photos): [3]https://m.facebook.com/story.php?story _fbid=10157225074777735 &id=646397734

1. https://m.facebook.com/story.php?story_fbid=10157225057332735&id=646397734
2. https://m.facebook.com/story.php?story_fbid=10157225067637735&id=646397734
3. https://m.facebook.com/story.php?story_fbid=10157225074777735&id=646397734

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Biden beats Trump: Here’s what it means for tech (2020-11-08 15:50) - Turritopsis Dohrnii Teo En Ming

Link: [1]https://www.cnet.com/news/biden-beats-trump-heres-what-it-means-f or-tech/

1. `https://www.cnet.com/news/biden-beats-trump-heres-what-it-means-for-tech/`

Teo En Ming's Donations to the FreeBSD Foundation (2020-11-08 15:48) - Turritopsis Dohrnii Teo En Ming

Year 2019: [1]https://freebsdfoundation.org/our-donors/donors/?donationType=indi vidual &donationYear=2019

Year 2020: [2]https://freebsdfoundation.org/our-donors/donors/?donationType=indi vidual &donationYear=2020

1. `https://freebsdfoundation.org/our-donors/donors/?donationType=individual&donationYear=2019`
2. `https://freebsdfoundation.org/our-donors/donors/?donationType=individual&donationYear=2020`

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Teo En Ming's Blog Book (Version 7 Nov 2020) Available for Download (2020-11-07 19:03) - Turritopsis Dohrnii Teo En Ming

Subject: Teo En Ming's Blog Book (Version 7 Nov 2020) Available for Download

Redundant Google Drive download links:

[1] [1]https://drive.google.com/file/d/1MyL2Xsltmkpf-s9UYjpE4njFz1bl1V3T/view ?usp=sharing

[2] [2]https://drive.google.com/file/d/1AnjEy8gQudrN-HXv1w-8o0KJVfboNo7S/view ?usp=sharing

[3] [3]https://drive.google.com/file/d/11VYowJbzwA7sci _jYgbxdVO3mOb-sgNo/view?usp=sharing

[4] [4]https://drive.google.com/file/d/1608t1ozIUPPgbLSGjXWwFkBuUVql5Bwb/view ?usp=sharing

[5] [5]https://drive.google.com/file/d/19TDtQMZy7oFD6Xxic8XOYSedvBwKA68m/view ?usp=sharing

[6] [6]https://drive.google.com/file/d/1EeLIqnh73nhRvO22fNpD4a8AW9C8WTRu/view ?usp=sharing

1. https://drive.google.com/file/d/1MyL2Xsltmkpf-s9UYjpE4njFz1bl1V3T/view?usp=sharing
2. https://drive.google.com/file/d/1AnjEy8gQudrN-HXv1w-8o0KJVfboNo7S/view?usp=sharing
3. https://drive.google.com/file/d/11VYowJbzwA7sci_jYgbxdVO3mOb-sgNo/view?usp=sharing
4. https://drive.google.com/file/d/1608t1ozIUPPgbLSGjXWwFkBuUVql5Bwb/view?usp=sharing
5. https://drive.google.com/file/d/19TDtQMZy7oFD6Xxic8XOYSedvBwKA68m/view?usp=sharing
6. https://drive.google.com/file/d/1EeLIqnh73nhRvO22fNpD4a8AW9C8WTRu/view?usp=sharing

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In Memory of My Father Teo Eng Guam (2020-11-07 18:32) - Turritopsis Dohrnii Teo En Ming

In Memory of My Father Teo Eng Guam

Published in The Straits Times Obituaries 17 September 2020

B12 | THE STRAITS TIMES | THURSDAY SEPTEMBER 17, 2020 |

OBITUARIES

FOR BOOKINGS AND ENQUIRIES
1800-285-9988 or 6319-5192

Lim Ek Hong
Age: 79

Was called home to be with the Lord on 16 September 2020.
Dearly missed and fondly remembered by loved ones:

Wife: Lee Siew Kiat

Daughter: Lim Suat Pek
Son-in-law: Lai Seng Kwoon
Grandsons: Lai Chi Peng Timothy, Lai Chi Seong Ethan
Granddaughter: Lai Geng Yin Phoebe

And all relatives and friends.

Wake is held at Garden of Remembrance, Parousia Room, 920 Old Choa Chu Kang Road, Singapore 699815.
Wake service on Thursday 17 September 2020 at 8.00pm.
Funeral service on Friday 18 September 2020 at 12.15pm, thereafter cortege leaves at 1.00pm for cremation at Mandai Crematorium Hall 2 at 1.40pm.
Wake visiting registration: http://bit.ly/3G1B5J9

Kwok Sin Thang Mindy
Age: 61

Passed away peacefully on 15 September 2020.
Dearly missed and fondly remembered by loved ones.

Father: Kwok Man Wei (deceased)
Mother: Lin Kum Choo
Brothers: Kwok Chin Phang, Kwok Chin Leong
Sister-in-law: Judy Ng
Sisters: Kwok Sin Yee, Kwok Sin Fai, Kwok Sin Kia
Brothers-in-law: Wong Chee Hai, How Kian Soon, Yeo Puay Seng
Nephews: Wong Ee Yang, Ee How Guo Xuan, Nieve: How Ta Wei, Granddaughter: Wong Yee Ze Theodore
Nieces-in-law: Ting Wan Ping Michelle, Ee Wee Jian Ting Natalie

And all relatives and friends.

Wake is held at Singapore Casket Level 1, Silver Hall, 131 Lavender Street, Singapore 338737.
Funeral service on Thursday 17 September 2020 at 1.00pm, thereafter cortege leaves at 4.30pm for cremation at Mandai Crematorium Hall 3 at 4.50pm.

With Deepest Sympathy & Heartfelt Condolences to The Family of the Late

Kwok Sin Thang Mindy
GS SNEE (2001-2015), GS CMPD (2016-2019)
Departed on 15 September 2020

From:
Executive Committee and Staff of
Creative Media and Publishing Union

Boey Sok Teng
Age: 90

Was called home to be with the Lord on 15 September 2020.
Dearly missed and fondly remembered by loved ones.

Husband: Pang Hai (deceased)
Daughters: Foong Yoke Yin Diana, Foong Soon Min, Pang Yoke Hiong Betty
Son-in-law: Ippei Amamoto
Grandchildren: Yusuke Amamoto, Yoko Amamoto
Spouses: Futaba Amamoto, Masashi Ito
Great-Grandchildren: Togo Ito, Futo Ito, Akari Amamoto

And all relatives and friends.

Wake is held at Block 324 Clementi Avenue 5, Singapore 120324.
Wake service on Thursday 17 September 2020 at 8.00pm.
Cremation service on Friday 18 September 2020 at 2.45pm, thereafter cortege leaves at 3.00pm for Mandai Crematorium Hall 3 for cremation at 3.45pm.
Wake visiting registration: http://bit.ly/3G1B5J9

With Deepest Sympathy & Heartfelt Condolences to The Family of The Late

Rohaida Binti Sarbini
Departed on 15 September 2020

From:
The Director-General, Management & Staff of the Civil Aviation Authority of Singapore

CAAS
Civil Aviation Authority of Singapore

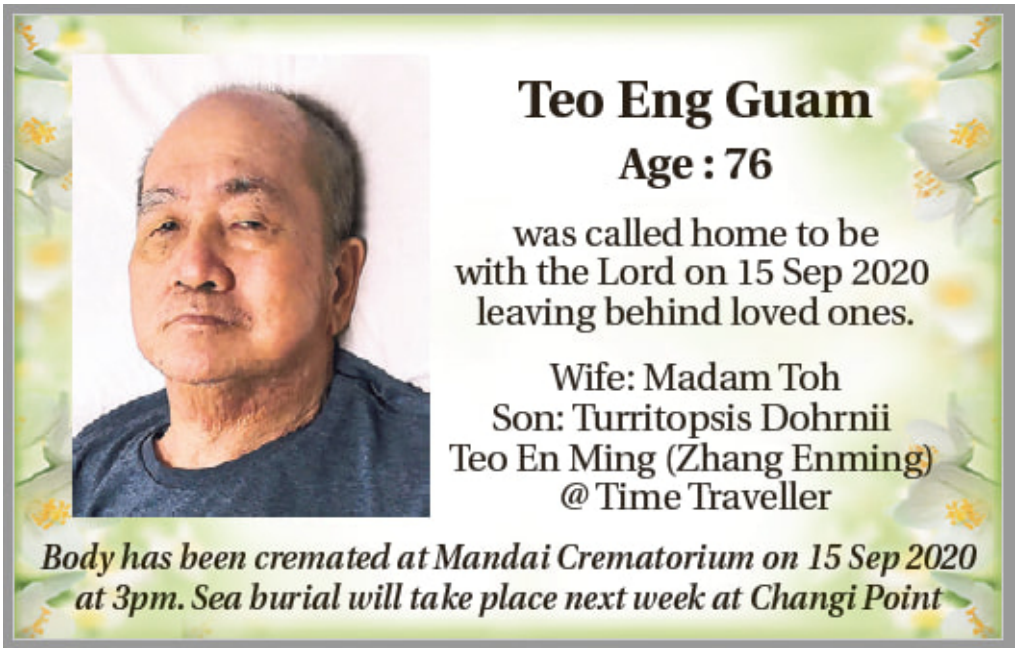
Teo Eng Guam
Age : 76

was called home to be with the Lord on 15 Sep 2020 leaving behind loved ones.

Wife: Madam Toh
Son: Turritopsis Dohrnii Teo En Ming (Zhang Enming) @ Time Traveller

Body has been cremated at Mandai Crematorium on 15 Sep 2020 at 3pm. Sea burial will take place next week at Changi Point

ERIC TAN KAY LOCK
8 Dec 1945 - 17 Sept 2008



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Quantum computers are coming. Get ready for them to change everything (2020-11-07 18:26) - Turritopsis Dohrnii Teo En Ming

Link: [1]https://www.zdnet.com/article/quantum-computers-are-coming-get-r eady-for-them-to-change-everything/

1. https://www.zdnet.com/article/quantum-computers-are-coming-get-ready-for-them-to-change-everything/

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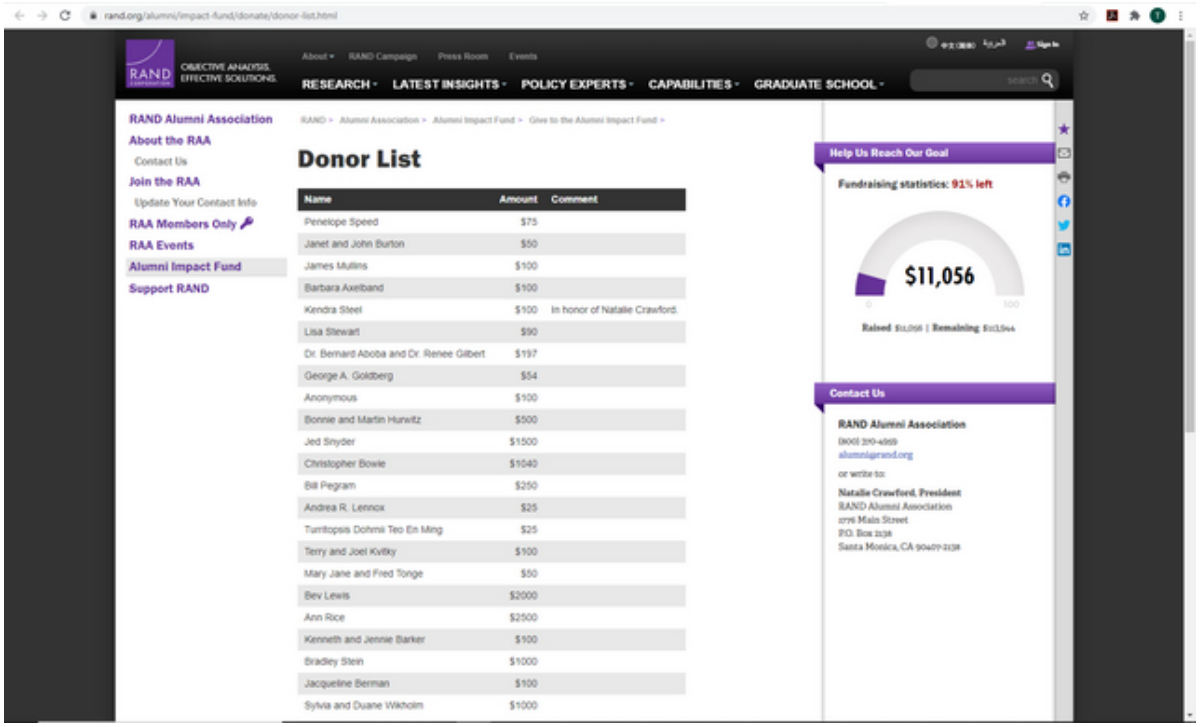
Teo En Ming's Donations to the Rand Corporation (Year 2020) (2020-11-07 18:23) - Turritopsis Dohrnii Teo En Ming

Link: [1]https://www.rand.org/alumni/impact-fund/donate/donor-list.html



1. https://www.rand.org/alumni/impact-fund/donate/donor-list.html

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Teo En Ming's Donations to The Royal Society (United Kingdom's National Academy of Sciences) (Year 2018-19) (2020-11-07 18:19) - Turritopsis Dohrnii Teo En Ming

Link: [1]https://royalsociety.org/-/media/about-us/funding-finances/our-don ors-2018-19.pdf?la=en-GB &hash=8DBF5FC3BBBB6240BB0EAFE24DACD820

1. https://royalsociety.org/-/media/about-us/funding-finances/our-donors-2018-19.pdf?la=en-GB&hash=8DBF5F C3BBBB6240BB0EAFE24DACD820

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Teo En Ming's Donations to the National Academy of Sciences of the United States of America

(2020-11-07 18:11) - Turritopsis Dohrnii Teo En Ming

Teo En Ming's Donations to the National Academy of Sciences of the United States of America

==========

Year 2011: [1]https://www.nap.edu/catalog/13445/report-of-the-treasurer-of-the-natio nal-academy-of-sciences-for-the-year-ended-december-31-2011

Year 2013: [2]https://www.nap.edu/catalog/18830/report-of-the-treasurer-of-the-natio nal-academy-of-sciences-for-the-year-ended-december-31-2013

Year 2014: [3]https://www.nap.edu/catalog/21779/report-of-the-treasurer-of-the-natio nal-academy-of-sciences-for-the-year-ended-december-31-2014

Year 2015: [4]https://www.nap.edu/catalog/23558/report-of-the-treasurer-of-the-natio nal-academy-of-sciences-for-the-year-ended-december-31-2015

Year 2016: [5]https://www.nap.edu/catalog/24826/report-of-the-treasurer-of-the-natio nal-academy-of-sciences-for-the-year-ended-december-31-2016

Year 2017: [6]https://www.nap.edu/catalog/25177/report-of-the-treasurer-for-the-year -ended-december-31-2017

Year 2018: [7]https://www.nap.edu/catalog/25503/report-of-the-treasurer-for-the-year -ended-december-31-2018

Year 2019: [8]https://www.nap.edu/catalog/25854/report-of-the-treasurer-for-the-year -ended-december-31-2019

1. https://www.nap.edu/catalog/13445/report-of-the-treasurer-of-the-national-academy-of-sciences-for-the-year-ended-december-31-2011
2. https://www.nap.edu/catalog/18830/report-of-the-treasurer-of-the-national-academy-of-sciences-for-the-year-ended-december-31-2013
3. https://www.nap.edu/catalog/21779/report-of-the-treasurer-of-the-national-academy-of-sciences-for-the-year-ended-december-31-2014
4. https://www.nap.edu/catalog/23558/report-of-the-treasurer-of-the-national-academy-of-sciences-for-the-year-ended-december-31-2015
5. https://www.nap.edu/catalog/24826/report-of-the-treasurer-of-the-national-academy-of-sciences-for-the-year-ended-december-31-2016
6. https://www.nap.edu/catalog/25177/report-of-the-treasurer-for-the-year-ended-december-31-2017
7. https://www.nap.edu/catalog/25503/report-of-the-treasurer-for-the-year-ended-december-31-2018
8. https://www.nap.edu/catalog/25854/report-of-the-treasurer-for-the-year-ended-december-31-2019

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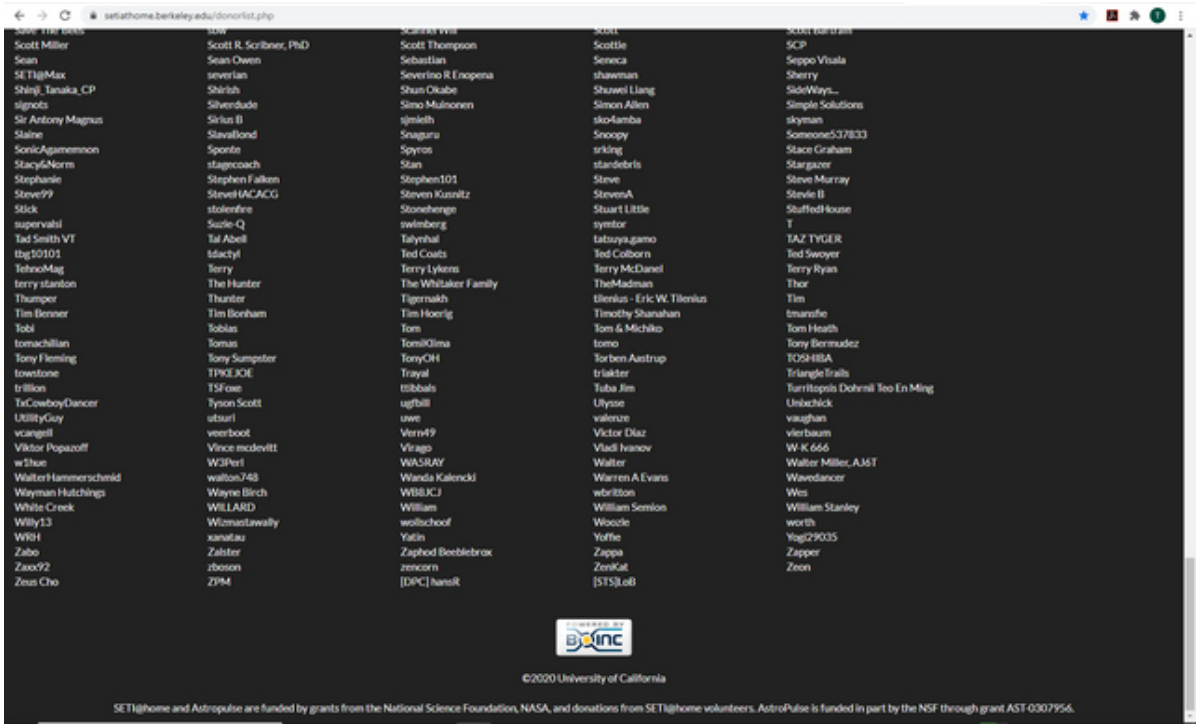
Teo En Ming's Donations to SETI@home (Year 2020) (2020-11-07 18:05) - Turritopsis Dohrnii Teo En Ming

Link: [1]https://setiathome.berkeley.edu/donorlist.php



1. `https://setiathome.berkeley.edu/donorlist.php`

[YOUTUBE] Ling Yi He Seifuku Shoot at Haji Lane on 1 Nov 2020 Sunday (2020-11-01 15:01) - Turritopsis Dohrnii Teo En Ming

Link: [1]https://www.youtube.com/watch?v=9 _yM1ynmnzw

1. https://www.youtube.com/watch?v=9_yM1ynmnzw

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[YOUTUBE] DJ Rita Lingerie Shoot at Goodwood Park Hotel (2020-11-01 14:39) - Turritopsis Dohrnii Teo En Ming

Link: [1]https://www.youtube.com/watch?v=eTIc6vAQe40

1. `https://www.youtube.com/watch?v=eTIc6vAQe40`

[YOUTUBE] I Will Not Die For Singapore (2020-11-01 14:34) - Turritopsis Dohrnii Teo En Ming

Link: [1]https://www.youtube.com/watch?v=zot6r2SuksU &feature=youtu.be

1. `https://www.youtube.com/watch?v=zot6r2SuksU&feature=youtu.be`

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[YOUTUBE] The Wisdom of The Great Corrupt Government Official He Shen (2020-11-01 14:31) - Turritopsis Dohrnii Teo En Ming

Link: [1]https://youtu.be/FRTOldyYLmQ?t=2307

The Great Corrupt Government Official He Shen:

"Son, what are you talking about? Next life? There is no such thing as next life/after life/reincarnation! An intelligent man will fight to succeed in the present life, not in the next life!"

1. https://youtu.be/FRTOldyYLmQ?t=2307

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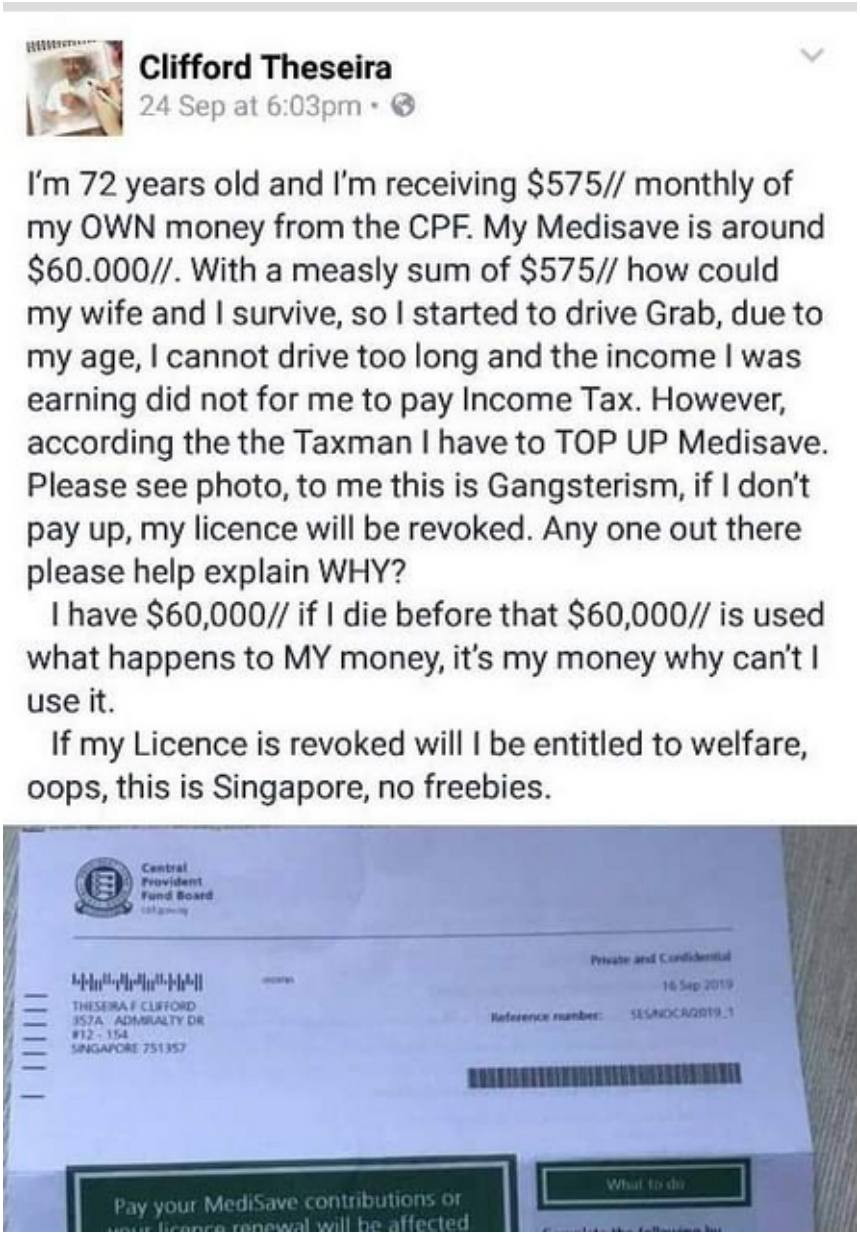
This Singaporean has a Medisave Account of SGD$60,000. How come Teo En Ming's Medisave Account is less than SGD$5,000? WHY SO LOW? (2020-11-01 14:20) - Turritopsis Dohrnii Teo En Ming

This Singaporean has a Medisave Account of SGD $60,000. How come Teo En Ming's Medisave Account is less than SGD $5,000? WHY SO LOW?

Answer: Because Singaporean Mr. Turritopsis Dohrnii Teo En Ming is a TARGETED INDIVIDUAL.



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[qmailtoaster] Commercial Antivirus and Antispam for Qmail Toaster? (2020-11-01 14:08) - Turritopsis Dohrnii Teo En Ming

Good day from Singapore,

Besides ClamAV (open source Antivirus) and Spamassassin (open source Antispam), does Qmail Toaster support *COMMERCIAL* Antivirus and Antispam?

My client in Singapore is using Red Hat Enterprise Linux (RHEL) 7 or CentOS 7 host.

```
SMTP Banner:
```

220 mail.teo-en-ming-corp.com - Welcome to Qmail Toaster Ver 1.03-2.2.1.qt.el7 SMTP Server ESMTP

Please note that the name of the client in Singapore has been obfuscated.

```
Please advise.

Thank you very much.
```

```
REFERENCES

==========
```


```
[1]
[1]https://www.mail-archive.com/qmailtoaster-list@qmailtoaster.com/msg43028.htm
l
```

1. https://www.mail-archive.com/qmailtoaster-list@qmailtoaster.com/msg43028.html

FBI warning: Trickbot and ransomware attackers plan big hit on US hospitals (2020-11-01 14:05) - Turritopsis Dohrnii Teo En Ming

Link: [1]https://www.zdnet.com/article/fbi-warning-trickbot-and-ransomware -attackers-plan-big-hit-on-us-hospitals/

1. https://www.zdnet.com/article/fbi-warning-trickbot-and-ransomware-attackers-plan-big-hit-on-us-hospitals/

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Started one hour indoor walking exercise at Orchard Road shopping malls on 30 Oct 2020 Friday

(2020-11-01 14:03) - Turritopsis Dohrnii Teo En Ming

Started one hour indoor walking exercise at Orchard Road shopping malls on 30 Oct 2020 Friday

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1.3 October

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Teo En Ming's Blog Book (Version 11 Oct 2020) Available for Download (2020-10-24 17:44) - Turritopsis Dohrnii Teo En Ming

Subject: Teo En Ming's Blog Book (Version 11 Oct 2020) Available for Download

Redundant Google Drive download links:

[1] [1]https://drive.google.com/file/d/1uPgnRfG0svf _ _1fZkgpZkXh _b8uq66MG/view?usp=sharing

[2] [2]https://drive.google.com/file/d/1UL27wjcLzL3SLukmZ4oO6azRLaOq0MON/view ?usp=sharing

[3] [3]https://drive.google.com/file/d/1rlkCtohe3HzDJzCdfZBLY7qkBT9VcEIG/view ?usp=sharing

[4] [4]https://drive.google.com/file/d/1uwkT8O7yeP3LwDSuc _4 _hE41yLlezlDj/view?usp=sharing

[5] [5]https://drive.google.com/file/d/1FSCtUHNelM8ULt2jMSO-Zvat _Ungkrfu/view?usp=sharing

[6] [6]https://drive.google.com/file/d/1M5-Odc-UazQRE3Yyr3YBCDTYzCIvwagD/view?u sp=sharing

1. `https://drive.google.com/file/d/1uPgnRfG0svf__1fZkgpZkXh_b8uq66MG/view?usp=sharing`
2. `https://drive.google.com/file/d/1UL27wjcLzL3SLukmZ4oO6azRLaOq0MON/view?usp=sharing`
3. `https://drive.google.com/file/d/1rlkCtohe3HzDJzCdfZBLY7qkBT9VcEIG/view?usp=sharing`
4. `https://drive.google.com/file/d/1uwkT8O7yeP3LwDSuc_4_hE41yLlezlDj/view?usp=sharing`
5. `https://drive.google.com/file/d/1FSCtUHNelM8ULt2jMSO-Zvat_Ungkrfu/view?usp=sharing`
6. `https://drive.google.com/file/d/1M5-Odc-UazQRE3Yyr3YBCDTYzCIvwagD/view?usp=sharing`

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Reconfigure Cisco ASA 5506-X Firewall to Add Support for AnyConnect (MACOS)

(2020-10-12 15:30) - Turritopsis Dohrnii Teo En Ming

Subject: Reconfigure Cisco ASA 5506-X Firewall to Add Support for AnyConnect (MACOS)

Author: Mr. Turritopsis Dohrnii Teo En Ming

Country: Singapore

Date: 12 Oct 2020 Monday Singapore Time

Type of Publication: Plain Text

Document Version: 20201012.01

Cisco ASA 5506-X Firewall CLI commands:

copy ftp://anonymous@<IP address of FTP Server>/ anyconnect-macos-4.9.02028-webdeploy-k9.pkg

show flash

config t

webvpn

no anyconnect image flash:/anyconnect-win-4.9.00086-webdeploy-k9.pkg

anyconnect image disk0:/anyconnect-win-4.9.00086-webdeploy-k9.pkg 1

anyconnect image disk0:/anyconnect-macos-4.9.02028-webdeploy-k9.pkg 2

copy run start

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==========

[1] [1]https://lkml.org/lkml/2020/10/12/126

[2] [2]http://lkml.iu.edu/hypermail/linux/kernel/2010.1/03125.html

[3] [3]https://marc.info/?l=linux-kernel &m=160248734717215 &w=2

[4] [4]https://lwn.net/ml/linux-kernel/e48476d68aafde65c634c3105e5131b7 %40teo-en-ming.com/

[5] [5]http://lists.linuxfromscratch.org/pipermail/lfs-chat/2020-October/0291 58.html

1. https://lkml.org/lkml/2020/10/12/126
2. http://lkml.iu.edu/hypermail/linux/kernel/2010.1/03125.html
3. https://marc.info/?l=linux-kernel&m=160248734717215&w=2
4. https://lwn.net/ml/linux-kernel/e48476d68aafde65c634c3105e5131b7%40teo-en-ming.com/
5. http://lists.linuxfromscratch.org/pipermail/lfs-chat/2020-October/029158.html

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Upgraded Symantec Endpoint Protection Manager from 14.0 to 14.3 for Customer (2020-10-11 21:01) - Turritopsis Dohrnii Teo En Ming

Upgraded Symantec Endpoint Protection Manager from 14.0 to 14.3 for Customer

US govt orders federal agencies to patch dangerous Zerologon bug by Monday (2020-10-11 20:57) - Turritopsis Dohrnii Teo En Ming

Link: [1]https://www.zdnet.com/article/us-govt-orders-federal-agencies-to-p atch-dangerous-zerologon-bug-by-monday/

1. https://www.zdnet.com/article/us-govt-orders-federal-agencies-to-patch-dangerous-zerologon-bug-by-monday/

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If we put computers in our brains, strange things might happen to our minds (2020-10-11 20:54) - Turritopsis Dohrnii Teo En Ming

Link: [1]https://www.zdnet.com/article/if-we-put-computers-in-our-brains-st range-things-might-happen-to-our-minds/

1. https://www.zdnet.com/article/if-we-put-computers-in-our-brains-strange-things-might-happen-to-our-minds/

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Teo En Ming's International Postings (2020-10-11 20:52) - Turritopsis Dohrnii Teo En Ming

[1] [1]https://www.mail-archive.com/search?a=1 &l=all &haswords= &x=16 &y=18 &from=teo+en+ming &subject= &datewithin=1d &date= &notwords= &o=newest

[2] [2]https://marc.info/?w=2 &r=1 &s=teo+en+ming &q=a

[3] [3]https://markmail.org/search/?q=teo %20en %20ming #query:teo %20en %20ming %20order %3Adate-backward+page:1+state:facets

[4] [4]https://seclists.org/

1. https://www.mail-archive.com/search?a=1&l=all&haswords=&x=16&y=18&from=teo+en+ming&subject=&datewithin=1d&date=&notwords=&o=newest
2. https://marc.info/?w=2&r=1&s=teo+en+ming&q=a
3. https://markmail.org/search/?q=teo%20en%20ming#query:teo%20en%20ming%20order%3Adate-backward+page:1+state:facets
4. https://seclists.org/

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[YOUTUBE] [SUB] BTS Vlog [ ] MV | Stephy Yiwen (2020-10-11 20:48) - Turritopsis Dohrnii Teo En Ming

Link: [1]https://www.youtube.com/watch?v=0K8eBawrhhw

1. https://www.youtube.com/watch?v=0K8eBawrhhw

[YOUTUBE] | Dating in the Kitchen

(2020-10-11 20:45) - Turritopsis Dohrnii Teo En Ming

Link: [1]https://www.youtube.com/watch?v=tJ3i9p2xHr0

1. https://www.youtube.com/watch?v=tJ3i9p2xHr0

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One sees his flying dream cut short, other SIA pilots become delivery drivers, retire early

(2020-10-11 20:43) - Turritopsis Dohrnii Teo En Ming

Link: [1]https://www.todayonline.com/singapore/one-sees-his-flying-dream- cut-short-other-sia-pilots-become-delivery-drivers-retire-early

1. https://www.todayonline.com/singapore/one-sees-his-flying-dream-cut-short-other-sia-pilots-become-delivery-drivers-retire-early

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Open source's Eric Raymond: Windows 10 will soon be just an emulation layer on Linux kernel

(2020-10-11 20:40) - Turritopsis Dohrnii Teo En Ming

Link: [1]https://www.zdnet.com/article/open-sources-eric-raymond-windows-10 -will-soon-be-just-an-emulation-layer-on-linux-kernel/

1. https://www.zdnet.com/article/open-sources-eric-raymond-windows-10-will-soon-be-just-an-emulation-layer-on-linux-kernel/

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[YOUTUBE] Amber Na Miss You 3000 Cover 831 Someday or One Day

(2020-10-11 20:38) - Turritopsis Dohrnii Teo En Ming

Link: [1]https://youtu.be/sLh368opljw

1. `https://youtu.be/sLh368opljw`

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Opposition politician Lim Tean arrested for criminal breach of trust, investigated for unlawful stalking (2020-10-11 20:35) - Turritopsis Dohrnii Teo En Ming

Link: [1]https://www.straitstimes.com/singapore/courts-crime/lim-tean-arr ested-for-criminal-breach-of-trust-investigated-for-unlawful

1. https://www.straitstimes.com/singapore/courts-crime/lim-tean-arrested-for-criminal-breach-of-trust-investigated-for-unlawful

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Renew 90-day free Let's Encrypt SSL Certificate for SSL VPN on Cisco ASA 5506-X Firewall

(2020-10-11 20:30) - Turritopsis Dohrnii Teo En Ming

Subject: Renew 90-day free Let's Encrypt SSL Certificate for SSL VPN on Cisco ASA 5506-X Firewall

SSL Certificate Renewal Completed By: Mr. Turritopsis Dohrnii Teo En Ming

Date of Renewal: 9 Oct 2020 Friday Singapore Time

Date of Expiry: 8 Jan 2021 Singapore Time

Country: Singapore

Simply follow the renewal instructions at the following link.

[ARTICLE] ASA 8.x: Renew and Install the SSL Certificate with ASDM

Link: https://www.cisco.com/c/en/us/support/docs/security/asa-5500-x-series-next-ge neration-firewalls/107956-renew-ssl.html

Get your ***FREE*** 90-day SSL certificates at

https://zerossl.com/

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[1] [1]https://lkml.org/lkml/2020/10/11/72

[2] [2]http://lkml.iu.edu/hypermail/linux/kernel/2010.1/02698.html

[3] [3]https://marc.info/?l=linux-kernel &m=160241891203300 &w=2

[4] [4]https://lwn.net/ml/linux-kernel/e74b898d82cea7f4007729ba3b8c32a0 %40teo-en-ming.com/

[5] [5]http://lists.linuxfromscratch.org/pipermail/lfs-chat/2020-October/0291 57.html

1. https://lkml.org/lkml/2020/10/11/72
2. http://lkml.iu.edu/hypermail/linux/kernel/2010.1/02698.html
3. https://marc.info/?l=linux-kernel&m=160241891203300&w=2
4. https://lwn.net/ml/linux-kernel/e74b898d82cea7f4007729ba3b8c32a0%40teo-en-ming.com/
5. http://lists.linuxfromscratch.org/pipermail/lfs-chat/2020-October/029157.html

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Configure Cisco ASA 5506-X Firewall for M1 Leased Line (2020-10-11 20:09) - Turritopsis Dohrnii Teo En Ming

Subject: Configure Cisco ASA 5506-X Firewall for M1 Leased Line

Author: Mr. Turritopsis Dohrnii Teo En Ming

Country: Singapore

Date: 11 October 2020 Sunday Singapore Time

Type of Publication: Plain Text

Document Version: 20201011.01

Cisco ASA Firewall CLI commands:

enable

conf t

interface GigabitEthernet1/8 (M1 Leased Line connected to Port 8)

no shut

ip address aaa.bbb.108.212 255.255.255.248

nameif M1-Leased-Line

security-level 50

route outside 0.0.0.0 0.0.0.0 aaa.bbb.ccc.121 5 track 1

route M1-Leased-Line aaa.bbb.108.0 255.255.255.0 aaa.bbb.108.209 1

object network Quantum

subnet aaa.bbb.108.0 255.255.255.0

same-security-traffic permit intra-interface

access-list nat _inside _quantum extended permit ip aaa.bbb.23.0 255.255.255.0 aaa.bbb.108.0 255.255.255.0

access-list nat _inside _quantum extended permit ip aaa.bbb.108.0 255.255.255.0 aaa.bbb.23.0 255.255.255.0

Teo En Ming's Original NAT rule (partially correct only):

nat (inside,M1-Leased-Line) source static NETWORK _OBJ _aaa.bbb.23.0 _24 NETWORK _OBJ _aaa.bbb.23.0 _24 destination static Quantum Quantum no-proxy-arp route-lookup

NAT rule corrected/fixed by boss (FINAL VERSION):

nat (inside,M1-Leased-Line) source static NETWORK _OBJ _aaa.bbb.23.0 _24 interface destination static Quantum Quantum

Useful Troubleshooting Commands

==========

show interface ip brief

show route | begin Gateway

show nat (Very Important Command to use)

packet-tracer input inside tcp aaa.bbb.23.10 12345 aaa.bbb.108.180 22

Quantum Linux Servers

==========

aaa.bbb.108.180 (Primary Linux Server)

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aaa.bbb.108.181 (Backup Linux Server)

aaa.bbb.108.182 (UAT Linux Virtual Machine)

aaa.bbb.108.183 (IDRAC of Primary Linux Server)

aaa.bbb.108.184 (IDRAC of Backup Linux Server)

Useful Reading Resources

==========

[1] Cisco ASA 5506-X | Leased Line w/DSL Failover | Default Route Preference

https://www.reddit.com/r/networking/comments/fhff1m/cisco _asa _5506x _leased _line _wdsl _failover _default/

[2] ASA Dual ISP using IP SLA

https://integratingit.wordpress.com/2019/11/24/asa-dual-isp-using-ip-sla/

[3] Static route on inside interface of ASA does'nt work

https://community.cisco.com/t5/network-security/static-route-on-inside-interf ace-of-asa-does-nt-work/td-p/914826

[4] Cisco ASA 8.3 - No NAT / NAT Exemption

https://www.fir3net.com/Firewalls/Cisco/cisco-asa-83-no-nat-nat-exemption.htm l

[5] NAT: Untranslate _hits

https://community.cisco.com/t5/switching/nat-untranslate-hits/td-p/1056571

[6] Cisco ASA Firewall Packet Tracer

https://www.cisco.com/c/en/us/support/docs/security/asa-5500-x-series-next-ge neration-firewalls/115904-asa-config-dmz-00.html

[7] Cisco ASA NAT – Configuration Guide

https://www.practicalnetworking.net/stand-alone/cisco-asa-nat/

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[1] [1]https://lkml.org/lkml/2020/10/11/67

[2] [2]http://lkml.iu.edu/hypermail/linux/kernel/2010.1/02693.html

[3] [3]https://marc.info/?l=linux-kernel &m=160241756503067 &w=2

[4] [4]https://lwn.net/ml/linux-kernel/3878b845eb3792db19856be9a51d0711 %40teo-en-ming.com/

[5] [5]http://lists.linuxfromscratch.org/pipermail/lfs-chat/2020-October/0291 56.html

1. https://lkml.org/lkml/2020/10/11/67
2. http://lkml.iu.edu/hypermail/linux/kernel/2010.1/02693.html
3. https://marc.info/?l=linux-kernel&m=160241756503067&w=2
4. https://lwn.net/ml/linux-kernel/3878b845eb3792db19856be9a51d0711%40teo-en-ming.com/
5. http://lists.linuxfromscratch.org/pipermail/lfs-chat/2020-October/029156.html

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1.4 September

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Configure Cisco ASA 5506-X Firewall to Send Syslog Messages to Kiwi Free Syslog Server 9.7.0

(2020-09-20 14:42) - Turritopsis Dohrnii Teo En Ming

Subject: Configure Cisco ASA 5506-X Firewall to Send Syslog Messages to Kiwi Free Syslog Server 9.7.0

Author: Mr. Turritopsis Dohrnii Teo En Ming (TARGETED INDIVIDUAL)

Country: Singapore

Date: 20 September 2020 Sunday Singapore Time

Type of Publication: Plain Text

Document Version: 20200920.01

STEPS

=====

1. Launch Kiwi Free Syslog Server 9.7.0 Installer (by Solar Winds) on the Active Directory Domain Controller (Windows Server 2016 Standard).

2. Click "I Agree" on the License Agreement window.

3. Choose "Install Kiwi Syslog Server as a Service". Click Next.

4. Install the Service using: The LocalSystem Account. Click Next.

5. Select the type of install: Normal. Click Next.

6. Click Install on the Choose Install Location window.

7. Check "Run Kiwi Syslog Server 9.7.0". Click Finish.

8. On the dialog showing "Kiwi Syslog free version supports up to 5 message sources. Please define them under Inputs in Setup.", click OK.

9. Click Setup.

10. Inputs > UDP

Check "Listen for UDP Syslog messages".

UDP Port (1-65535): 514

Bind to address: Leave empty

Data encoding: System: Leave empty

Click OK.

11. Login to Cisco ASDM.

12. Configuration > Device Management > Logging > Logging Setup

Check "Enable logging".

Click Apply.

13. Configuration > Device Management > Logging > Syslog Servers

Click Add.

Interface: inside

IP address: <IP address of Kiwi Syslog Server>

Protocol: UDP

Port: 514

Click OK.

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14. Execute the following Windows command to check if Kiwi Syslog Server is listening.

netstat -nab | findstr 514

15. Go to Kiwi Syslog Server again. Click Setup.

Inputs Menu:

Enter IP address of Cisco ASA 5506-X Firewall.

Click Add.

Click OK.

16. Login to Symantec Endpoint Protection Manager on the Active Directory Domain Controller.

Go to Firewall Policy.

Under Windows Settings, Click Rules.

Click Add Rule.

Rule name: Open UDP Port 514 to allow syslog messages from Cisco ASA firewall

Click Next.

17. Click Allow Connections. Click Next.

18. Click All Applications. Click Next.

19. Select "Only the computers and sites listed below:"

Host: <IP address of Cisco ASA 5506-X Firewall>

Click Add.

Click Next.

20. Protocol: UDP

Select "Local/Remote"

Local Port: 514

Remote Port: Leave empty

Direction: Incoming

Click OK.

21. Choose "Only the communications listed below:"

Select "UDP [Local=514; Stateful Incoming]

Click Next.

22. Do you want to create a log entry when this rule is matched? No

Click Finish.

23. Check the list of Firewall Rules.

Click OK.

24. Login to Cisco ASDM again.

25. Configuration > Device Management > Logging > Logging Filters

Click Logging Destination: Syslog Servers

Click Edit.

Syslogs from All Event Classes

Filter on severity: Debugging

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Click OK.

26. Syslog messages from Cisco ASA 5506-X Firewall will start appearing on the Kiwi Free Syslog Server.

REFERENCES

==========

[1] [1]http://lists.linuxfromscratch.org/pipermail/lfs-chat/2020-September/02 9155.html

1. `http://lists.linuxfromscratch.org/pipermail/lfs-chat/2020-September/029155.html`

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Symantec Endpoint Protection (SEP) has the tendency to corrupt Google Chrome (2020-09-14 21:46) - Turritopsis Dohrnii Teo En Ming

To resolve the problem, you need to use Symantec CleanWipe to uninstall Symantec Endpoint Protection. After rebooting your computer, reinstall Symantec Endpoint Protection again.

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I learnt a new tool from my colleague today. (2020-09-14 21:42) - Turritopsis Dohrnii Teo En Ming

netplwiz.exe

It is a tool which is used for making changes to your user accounts in Windows.

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Basic System Setup of Teo En Ming's Sophos SG 115 rev 2 Firewall (2020-09-13 23:52) - Turritopsis Dohrnii Teo En Ming

Subject: Basic System Setup of Teo En Ming's Sophos SG 115 rev 2 Firewall

Author: Mr. Turritopsis Dohrnii Teo En Ming (TARGETED INDIVIDUAL)
Country: Singapore
Date: 13 September 2020 Sunday Singapore Time

Type of Publication: PDF Manual
Document Version: 20200913.01

INTRODUCTION
==========

I bought this refurbished Sophos SG 115 rev 2 firewall for SGD $120 at Farrer Park MRT Station (Singapore) on 13 September 2020 Sunday at 1.30 PM Singapore Time.

Sophos firewall appliances are based on the Linux kernel and open source software.

Mr. Turritopsis Dohrnii Teo En Ming is a Linux and open source software enthusiast.

The following screenshots and photos will be shown:

1.

Photos of the front, back and bottom of the Sophos SG 115 rev 2 firewall
2.

Initial login of the Sophos SG 115 rev 2 firewall
3.

Factory reset of the Sophos SG 115 rev 2 firewall
4.

Basic System Setup of the Sophos SG 115 rev 2 firewall

I will be publishing manuals for advanced configuration of the Sophos SG 115 rev 2 firewall in the future. Stay tuned and look out for my future blog posts.

Links to my redundant RAID 1 mirroring blogs:

[1]https://tdtemcerts.blogspot.sg
[2]https://tdtemcerts.wordpress.com

Redundant Google Drive download links for Teo En Ming's PDF manual:

[1] [3]https://drive.google.com/file/d/1BAHeQ0JNxllginxjEWOVgYQfDAkwGHPT/view ?usp=sharing

[2] [4]https://drive.google.com/file/d/1iONIdUn6ZJQLdxSaUzGBWHPR8l1Jo15A/view ?usp=sharing

[3] [5]https://drive.google.com/file/d/1ZDqtdPpQipqMXPqlbC1tlVq3M6hH _TND/view?usp=sharing

[4] [6]https://drive.google.com/file/d/19Z3D _LNykk562UUSd9AaYX7ozBtBYLzX/view?usp=sharing

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[5] [7]https://drive.google.com/file/d/1Hayby33tflkSpYlKNhVgZhwqmxXLaeFW/view ?usp=sharing

[6] [8]https://drive.google.com/file/d/1PjkiELka2tbUa-oAe5xGxvPPTm _Wicoz/view?usp=sharing

REFERENCES
==========

[1] [9]https://lkml.org/lkml/2020/9/13/123

[2] [10]http://lkml.iu.edu/hypermail/linux/kernel/2009.1/06512.html

[3] [11]https://marc.info/?l=linux-kernel &m=160001166809010 &w=2

[4] [12]https://lwn.net/ml/linux-kernel/d9f1b7f06fd625b91c0edb4bff1b9b6e %40teo-en-ming.com/

[5] [13]http://lists.linuxfromscratch.org/pipermail/lfs-chat/2020-September/0 29154.html

1. https://tdtemcerts.blogspot.sg/
2. https://tdtemcerts.wordpress.com/
3. https://drive.google.com/file/d/1BAHeQ0JNxllginxjEWOVgYQfDAkwGHPT/view?usp=sharing
4. https://drive.google.com/file/d/1iONIdUn6ZJQLdxSaUzGBWHPR8l1Jo15A/view?usp=sharing
5. https://drive.google.com/file/d/1ZDqtdPpQipqMXPqlbC1tlVq3M6hH_TND/view?usp=sharing
6. https://drive.google.com/file/d/19Z3D_LNykk562UUSd9AaYX7ozBtBYLzX/view?usp=sharing
7. https://drive.google.com/file/d/1Hayby33tflkSpYlKNhVgZhwqmxXLaeFW/view?usp=sharing
8. https://drive.google.com/file/d/1PjkiELka2tbUa-oAe5xGxvPPTm_Wicoz/view?usp=sharing
9. https://lkml.org/lkml/2020/9/13/123
10. http://lkml.iu.edu/hypermail/linux/kernel/2009.1/06512.html
11. https://marc.info/?l=linux-kernel&m=160001166809010&w=2
12. https://lwn.net/ml/linux-kernel/d9f1b7f06fd625b91c0edb4bff1b9b6e%40teo-en-ming.com/
13. http://lists.linuxfromscratch.org/pipermail/lfs-chat/2020-September/029154.html

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Bought 6 pairs of really cheap LAN cables for only SGD$9 (SGD$1.50 each) (2020-09-13 22:16) - Turritopsis Dohrnii Teo En Ming

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I have just bought tp-link 8-port Gigabit Desktop Switch TL-SG108 for SGD$36 ($2 Discount)
(2020-09-13 22:13) - Turritopsis Dohrnii Teo En Ming

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I have just bought Arnold Palmer black leather shoes at OG Chinatown for SGD$118.30 on 13 Sep 2020 Sunday **(2020-09-13 22:09) - Turritopsis Dohrnii Teo En Ming**

I have just bought Arnold Palmer black leather shoes at OG Chinatown for SGD $118.30 on 13 Sep 2020 Sunday

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I have just bought refurbished Sophos SG 115 revision 2 firewall for SGD$120 on 13 Sep 2020 Sunday (2020-09-13 22:04) - Turritopsis Dohrnii Teo En Ming

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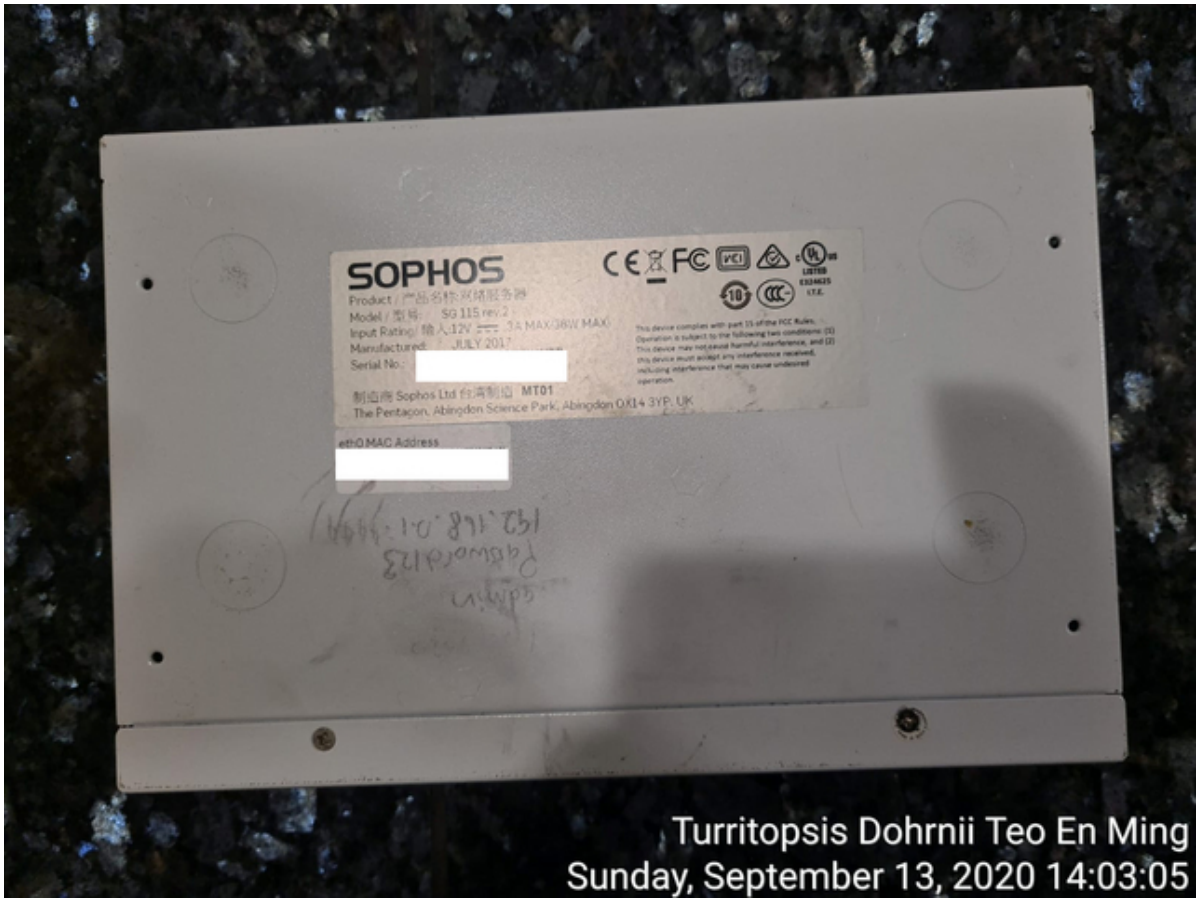
DC IN
12V
VGA
USB 2.0
COM
eth0
eth1
eth2
eth3
LAN
WAN
DMZ
HA
RESET
Turritopsis Dohrnii Teo En Ming
Sunday, September 13, 2020 14:02:39


SOPHOS
Product /
Model / 型号: SG 115 rev.2
Input Rating/ 输入:12V 3A MAX/36W MAX
Manufactured: JULY 2017
Serial No.:
制造商 Sophos Ltd 台湾制造 MT01
The Pentagon, Abingdon Science Park, Abingdon OX14 3YP, UK
eth0 MAC Address
Turritopsis Dohrnii Teo En Ming
Sunday, September 13, 2020 14:03:05

[YOUTUBE] The Era of Qianlong Dynasty (2020-09-13 21:55) - Turritopsis Dohrnii Teo En Ming

IFRAME: [1]https://www.youtube.com/embed/cvHx81ImZ-k

1. `https://www.youtube.com/embed/cvHx81ImZ-k`

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Removed DHCP Server Role on Windows Server and Enabled DHCP Server on Sophos SG210 Firewall for Customer on 11 Sep 2020 (2020-09-13 21:52) - Turritopsis Dohrnii Teo En Ming

Removed DHCP Server Role on Windows Server and Enabled DHCP Server on Sophos SG210 Firewall for Customer on 11 Sep 2020

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6 Free Syslog Servers for Windows and Linux/Unix (2020-09-13 12:14) - Turritopsis Dohrnii Teo En Ming

Link: [1]https://www.pcwdld.com/free-syslog-servers-windows-and-linux

1. https://www.pcwdld.com/free-syslog-servers-windows-and-linux

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How to DDoS | DoS and DDoS Attack tools (2020-09-13 12:12) - Turritopsis Dohrnii Teo En Ming

Link: [1]https://www.cloudflare.com/learning/ddos/ddos-attack-tools/how-t o-ddos/

1. `https://www.cloudflare.com/learning/ddos/ddos-attack-tools/how-to-ddos/`

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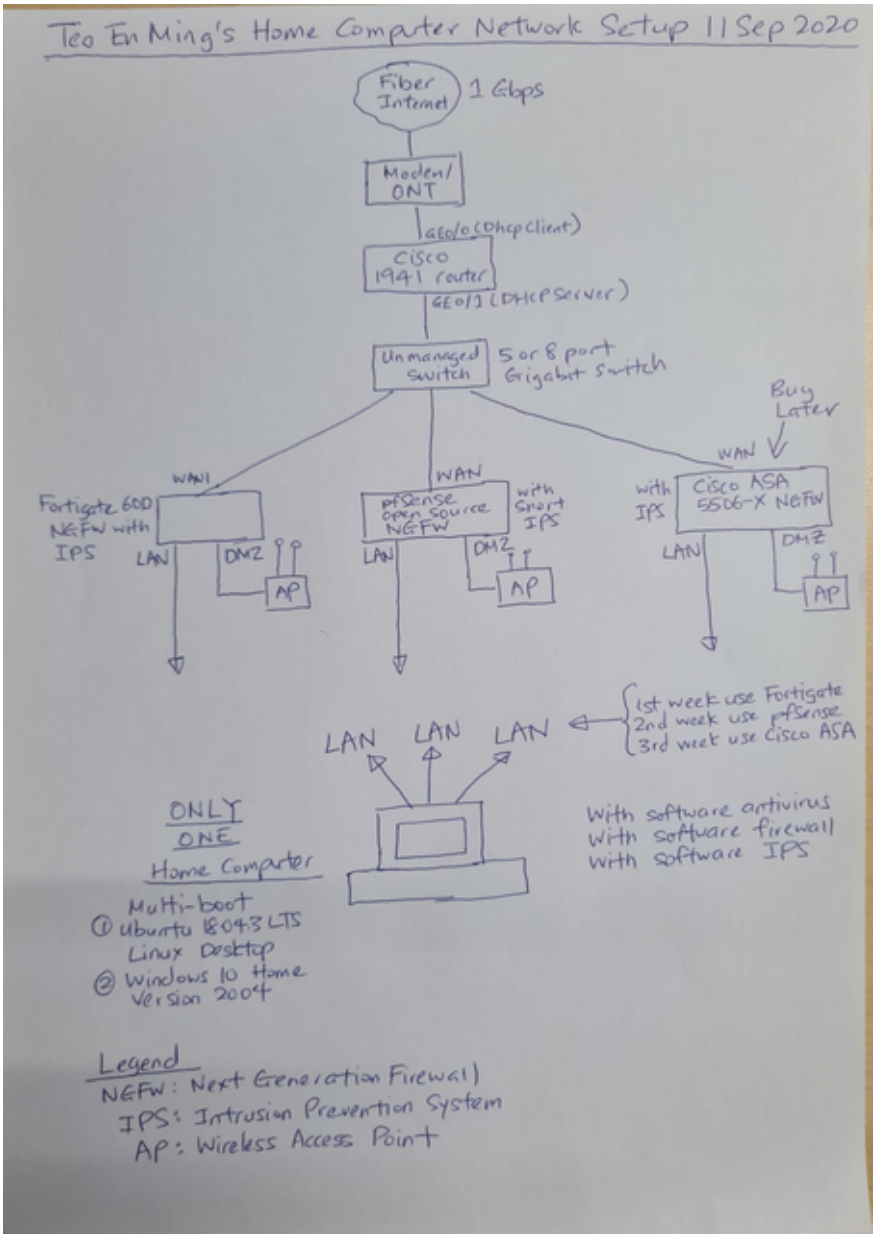
Teo En Ming's Home Computer Network Topology Diagram (2020-09-13 12:10) - Turritopsis Dohrnii Teo En Ming



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Can I manually setup a Syslog server? (2020-09-13 12:07) - Turritopsis Dohrnii Teo En Ming

Subject: Can I manually setup a Syslog server?

Good day from Singapore,

I have just implemented and setup the following for an investment company (company name is confidential) in Singapore on 12 Sep 2020 Saturday Singapore Time.

(1) Installed and configured Kiwi Free Syslog Server 9.7.0 (by Solarwinds) on the Active Directory Domain Controller (Windows Server 2016 Standard).

(2) Configured Cisco ASA 5506-X Firewall's Logging to send and transmit syslog messages to Kiwi Free Syslog Server 9.7.0 on the Windows Server.

(3) Added a firewall rule to open UDP port 514 on the Symantec Endpoint Protection Manager (SEPM) on Windows Server 2016.

So the question I have is, can I manually setup and configure a Syslog Server with GUI using open source syslog daemon, open source tools and any Linux distro?

Thank you very much.

REFERENCES
==========

[1] [1]https://lists.balabit.hu/pipermail/syslog-ng/2020-September/026049.htm l

[2] [2]https://marc.info/?l=syslog-ng &m=159996432901893 &w=2

1. https://lists.balabit.hu/pipermail/syslog-ng/2020-September/026049.html
2. https://marc.info/?l=syslog-ng&m=159996432901893&w=2

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Basic Configuration of Teo En Ming's Cisco 1941 Router (2020-09-12 11:19) - Turritopsis Dohrnii Teo En Ming

This message generated a parse failure. Raw output follows here. Please use 'back' to navigate.

From devnull@lkml.org Fri Sep 11 13:53:15 2020
>From mailfetcher Fri Sep 11 13:48:39 2020
Envelope-to: lkml@grols.ch
Delivery-date: Fri, 11 Sep 2020 13:48:39 +0200
Received: from stout.grols.ch [195.201.141.146] by 72459556e3a9 with IMAP (fetchmail-6.3.26) for <mail-fetcher@localhost> (single-drop); Fri, 11 Sep 2020 13:48:39 +0200 (CEST)
Received: from vger.kernel.org ([23.128.96.18]) by stout.grols.ch with esmtp (Exim 4.89) (envelope-from <linux-kernel-owner@vger.kernel.org>) id 1kGhXi-0008Rz-Db for lkml@grols.ch; Fri, 11 Sep 2020 13:48:39 +0200
Received: (majordomo@vger.kernel.org) by vger.kernel.org via listexpand id S1725792AbgIKLs1 (ORCPT <rfc822;lkml@grols.ch>); Fri, 11 Sep 2020 07:48:27 -0400
Received: from ec2-3-21-30-127.us-east-2.compute.amazonaws.com ([3.21.30.127]:51702 "EHLO www.teo-en-ming.com" rhost-flags-OK-OK-OK-OK) by vger.kernel.org with ESMTP id S1725846AbgIKLrQ (ORCPT <rfc822;linux-kernel@vger.kernel.org>); Fri
Received: from localhost (localhost [IPv6:::1]) by www.teo-en-ming.com (Postfix) with ESMTPA id 8CBEE44DD73; Fri, 11 Sep 2020 19:21:59 +0800 (+08)
Mime-Version: 1.0
Date: Fri, 11 Sep 2020 19:21:59 +0800
From: Turritopsis Dohrnii Teo En Ming <ceo@teo-en-ming.com>
To: linux-kernel@vger.kernel.org
Cc: ceo@teo-en-ming-corp.com
Subject: Basic Configuration of Teo En Ming's Cisco 1941 Router
Message-Id: <f91ed52e3343333e35854a2c975ed857@teo-en-ming.com>
X-Sender: ceo@teo-en-ming.com
User-Agent: Roundcube Webmail/1.2.3
Content-Type: text/plain; charset=US-ASCII; format=flowed
Content-Transfer-Encoding: 7bit
Sender: linux-kernel-owner@vger.kernel.org
Precedence: bulk
List-Id: <linux-kernel.vger.kernel.org>
X-Mailing-List: linux-kernel@vger.kernel.org
Received-SPF: pass client-ip=23.128.96.18; envelope-from=linux-kernel-owner@vger.kernel.org; helo=vger.kernel.org
X-Spam-Score: 1.2
X-Spam-Score-Bar: +
X-Spam-Action: no action
X-Spam-Report: Action: no action Symbol: ARC _NA(0.00) Symbol: RCVD _VIA _SMTP _AUTH(0.00) Symbol: DMARC _POLICY _SOFTFAIL(0.10) Symbol: BAYES _HAM(-0.97) Symbol: FROM _HAS _DN(0.00) Symbol: R _SPF _ALLOW(-0.20) Symbol: PRECEDENCE _BULK(0.00) Symbol: MIME _GOOD(-0.10) Symbol: TO _DN

Subject: Basic Configuration of Teo En Ming's Cisco 1941 Router

Author of this Guide: Mr. Turritopsis Dohrnii Teo En Ming (TARGETED INDIVIDUAL)
Country: Singapore
Date: 11 September 2020 Friday Singapore Time

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Type of Publication: Plain Text

Document Version: 20200911.01

There will be more security enhancements to my Cisco 1941 router configuration in the future. As for now, it is a very basic configuration.

Mr. Turritopsis Dohrnii Teo En Ming's SGD $130 refurbished Cisco 1941 Router was bought at Toa Payoh MRT Station (Singapore) on 10 September 2020 Thursday at 7:41 PM Singapore Time.

Reference Guide: Basic Cisco Router Configuration Step-By-Step Commands
Link:
https://www.networkstraining.com/basic-cisco-router-configuration-steps/

= = = = = = = = = = = = PuTTY log 2020.09.10 13:01:13
= = = = = = = = = = = = =
en
Router #erase startup-config
Erasing the nvram filesystem will remove all configuration files!
Continue? [confirm]
[OK]
Erase of nvram: complete
Router #
Sep 10 12:13:25.675: %SYS-7-NV _BLOCK _INIT: Initialized the geometry of nvram
Router #reload
Proceed with reload? [confirm]

Sep 10 12:14:02.159: %SYS-5-RELOAD: Reload requested by console. Reload Reason: Reload Command.
System Bootstrap, Version 15.0(1r)M16, RELEASE SOFTWARE (fc1)
Technical Support: http://www.cisco.com/techsupport
Copyright (c) 2012 by cisco Systems, Inc.

Total memory size = 512 MB - On-board = 512 MB, DIMM0 = 0 MB

CISCO1941/K9 platform with 524288 Kbytes of main memory

Main memory is configured to 64/-1(On-board/DIMM0) bit mode with ECC disabled

Readonly ROMMON initialized

program load complete, entry point: 0x80803000, size: 0x1b340

program load complete, entry point: 0x80803000, size: 0x1b340

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IOS Image Load Test

_ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _

Digitally Signed Release Software

program load complete, entry point: 0x81000000, size: 0x511ade0

Self decompressing the image :
##
##
##
##
##
##
##
##
##
##
##
##
##
##
################################
[OK]

Smart Init is enabled

smart init is sizing iomem

TYPE MEMORY _REQ

Onboard devices &

buffer pools 0x01E8F000

_____

TOTAL: 0x01E8F000

Rounded IOMEM up to: 32MB.

Using 6 percent iomem. [32MB/512MB]
Restricted Rights Legend

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Software clause at DFARS sec. 252.227-7013.

cisco Systems, Inc.
170 West Tasman Drive
San Jose, California 95134-1706

Cisco IOS Software, C1900 Software (C1900-UNIVERSALK9-M), Version
15.7(3)M6, RELEASE SOFTWARE (fc1)
Technical Support: http://www.cisco.com/techsupport
Copyright (c) 1986-2020 by Cisco Systems, Inc.
Compiled Fri 06-Mar-20 04:06 by prod _rel _team

This product contains cryptographic features and is subject to United
States and local country laws governing import, export, transfer and
use. Delivery of Cisco cryptographic products does not imply
third-party authority to import, export, distribute or use encryption.
Importers, exporters, distributors and users are responsible for
compliance with U.S. and local country laws. By using this product you
agree to comply with applicable laws and regulations. If you are unable
to comply with U.S. and local laws, return this product immediately.

A summary of U.S. laws governing Cisco cryptographic products may be
found at:
http://www.cisco.com/wwl/export/crypto/tool/stqrg.html

If you require further assistance please contact us by sending email to
export@cisco.com.

Cisco CISCO1941/K9 (revision 1.0) with 491520K/32768K bytes of memory.
Processor board ID FGL185226J6
2 Gigabit Ethernet interfaces
1 terminal line
DRAM configuration is 64 bits wide with parity disabled.
255K bytes of non-volatile configuration memory.
255488K bytes of ATA System CompactFlash 0 (Read/Write)

— System Configuration Dialog —

Would you like to enter the initial configuration dialog? [yes/no]: no

Press RETURN to get started!

Jan 2 00:00:02.079: %SMART _LIC-6-AGENT _READY: Smart Agent for

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Licensing is initialized
Jan 2 00:00:02.415: %IOS _LICENSE _IMAGE _APPLICATION-6-LICENSE _LEVEL:
Module name = c1900 Next reboot level = ipbasek9 and License = ipbasek9
Sep 10 12:16:00.659: c3600 _scp _set _dstaddr2 _idb(185)add = 80 name is
Embedded-Service-Engine0/0
Sep 10 12:16:13.655: %LINK-3-UPDOWN: Interface GigabitEthernet0/0,
changed state to down
Sep 10 12:16:13.655: %LINK-3-UPDOWN: Interface GigabitEthernet0/1,
changed state to down
Sep 10 12:16:14.803: %LINEPROTO-5-UPDOWN: Line protocol on Interface
GigabitEthernet0/0, changed state to down
Sep 10 12:16:14.803: %LINEPROTO-5-UPDOWN: Line protocol on Interface
GigabitEthernet0/1, changed state to down
Sep 10 12:18:00.423: %LINK-5-CHANGED: Interface
Embedded-Service-Engine0/0, changed state to administratively down
Sep 10 12:18:00.423: %LINK-5-CHANGED: Interface GigabitEthernet0/0,
changed state to administratively down
Sep 10 12:18:00.423: %LINK-5-CHANGED: Interface GigabitEthernet0/1,
changed state to administratively down
Sep 10 12:18:00.543: %IP-5-WEBINST _KILL: Terminating DNS process
Sep 10 12:18:01.423: %LINEPROTO-5-UPDOWN: Line protocol on Interface
Embedded-Service-Engine0/0, changed state to down
Sep 10 12:18:02.119: %SYS-5-RESTART: System restarted –
Cisco IOS Software, C1900 Software (C1900-UNIVERSALK9-M), Version
15.7(3)M6, RELEASE SOFTWARE (fc1)
Technical Support: http://www.cisco.com/techsupport
Copyright (c) 1986-2020 by Cisco Systems, Inc.
Compiled Fri 06-Mar-20 04:06 by prod _rel _team
Sep 10 12:18:02.735: %SYS-6-BOOTTIME: Time taken to reboot after reload
= 242 seconds
Sep 10 12:18:12.595: %PNP-6-PNP _SAVING _TECH _SUMMARY: Saving PnP tech
summary (pnp-tech-discovery-summary)... Please wait. Do not interrupt.
Sep 10 12:18:24.859: %PNP-6-PNP _TECH _SUMMARY _SAVED _OK: PnP tech summary
(pnp-tech-discovery-summary) saved successfully.
Sep 10 12:18:24.859: %PNP-6-PNP _DISCOVERY _STOPPED: PnP Discovery
stopped (Config Wizard)
Router>enable
Router #conf t
Enter configuration commands, one per line. End with CNTL/Z.
Router(config) #enable secret teo-en-ming-corp
Router(config) #line vty 0 4
Router(config-line) #password teo-en-ming-corp
Router(config-line) #login
Router(config-line) #hostname cisco-1941-router
cisco-1941-router(config) #interface GigabitEthernet 0/0
cisco-1941-router(config-if) #ip address aaa.bbb.ccc.ddd 255.255.248.0
cisco-1941-router(config-if) #no shutdown
cisco-1941-router(config-if) #exit
cisco-1941-router(config) #
Sep 10 12:25:30.123: %LINK-3-UPDOWN: Interface GigabitEthernet0/0,
changed state to down
cisco-1941-router(config) #interface GigabitEthernet 0/1
cisco-1941-router(config-if) #ip address 192.168.20.1 255.255.255.0

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```
cisco-1941-router(config-if) #no shutdown
cisco-1941-router(config-if) #exit
cisco-1941-router(config) #
Sep 10 12:26:51.903: %LINK-3-UPDOWN: Interface GigabitEthernet0/1,
changed state to down
cisco-1941-router(config) #ip route 0.0.0.0 0.0.0.0 118.189.208.1
cisco-1941-router(config) #interface GigabitEthernet 0/0
cisco-1941-router(config-if) #ip nat outside
cisco-1941-router(config-if) #exit
cisco-1941-router(config) #
Sep 10 12:30:16.479: %LINEPROTO-5-UPDOWN: Line protocol on Interface
NVI0, changed state to up
cisco-1941-router(config) #interface GigabitEthernet 0/1
cisco-1941-router(config-if) #ip nat inside
cisco-1941-router(config-if) #exit
cisco-1941-router(config) #access-list 1 permit 192.168.20.0 0.0.0.255
cisco-1941-router(config) #ip nat inside source list 1 interface
GigabitEthernet 0/0 overload
cisco-1941-router(config) #ip dhcp pool lan-pool
cisco-1941-router(dhcp-config) #network 192.168.20.0 255.255.255.0
cisco-1941-router(dhcp-config) #default-router 192.168.20.1
cisco-1941-router(dhcp-config) #dns-server 8.8.8.8
cisco-1941-router(dhcp-config) #ip dhcp excluded-address 192.168.20.1
192.168.20.1
cisco-1941-router(config) #exit
cisco-1941-router #co
Sep 10 12:36:13.447: %SYS-5-CONFIG _I: Configured from console by
consolep
% Incomplete command.

cisco-1941-router #copy run start
Destination filename [startup-config]?
Building configuration...
[OK]
cisco-1941-router #copy run start
Destination filename [startup-config]?
Building configuration...
[OK]
cisco-1941-router #
Sep 10 12:38:13.663: %LINK-3-UPDOWN: Interface GigabitEthernet0/0,
changed state to up
Sep 10 12:38:14.663: %LINEPROTO-5-UPDOWN: Line protocol on Interface
GigabitEthernet0/0, changed state to up
cisco-1941-router #
Sep 10 12:40:05.663: %LINK-3-UPDOWN: Interface GigabitEthernet0/1,
changed state to up
Sep 10 12:40:06.663: %LINEPROTO-5-UPDOWN: Line protocol on Interface
GigabitEthernet0/1, changed state to up
cisco-1941-router #ping 118.189.208.1
Type escape sequence to abort.
Sending 5, 100-byte ICMP Echos to 118.189.208.1, timeout is 2 seconds:
.....
Success rate is 0 percent (0/5)
```

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cisco-1941-router #ping 118.189.208.1
Type escape sequence to abort.
Sending 5, 100-byte ICMP Echos to 118.189.208.1, timeout is 2 seconds:
.....
Success rate is 0 percent (0/5)
cisco-1941-router #

Called Internet Service Provider (ISP) to inform that there is a change
of router to Cisco 1941. ISP instructed to reboot Cisco 1941 router.

System Bootstrap, Version 15.0(1r)M16, RELEASE SOFTWARE (fc1)
Technical Support: http://www.cisco.com/techsupport
Copyright (c) 2012 by cisco Systems, Inc.

Total memory size = 512 MB - On-board = 512 MB, DIMM0 = 0 MB

CISCO1941/K9 platform with 524288 Kbytes of main memory

Main memory is configured to 64/-1(On-board/DIMM0) bit mode with ECC
disabled

Readonly ROMMON initialized

program load complete, entry point: 0x80803000, size: 0x1b340

program load complete, entry point: 0x80803000, size: 0x1b340

IOS Image Load Test

_ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _

Digitally Signed Release Software

program load complete, entry point: 0x81000000, size: 0x511ade0

Self decompressing the image :
##
##
##
##
##
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##
##
##

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##
############################
[OK]

Smart Init is enabled

smart init is sizing iomem

TYPE MEMORY _REQ

Onboard devices &

buffer pools 0x01E8F000

TOTAL: 0x01E8F000

Rounded IOMEM up to: 32MB.

Using 6 percent iomem. [32MB/512MB]
Restricted Rights Legend

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(c) (1) (ii) of the Rights in Technical Data and Computer
Software clause at DFARS sec. 252.227-7013.

cisco Systems, Inc.
170 West Tasman Drive
San Jose, California 95134-1706

Cisco IOS Software, C1900 Software (C1900-UNIVERSALK9-M), Version
15.7(3)M6, RELEASE SOFTWARE (fc1)
Technical Support: http://www.cisco.com/techsupport
Copyright (c) 1986-2020 by Cisco Systems, Inc.
Compiled Fri 06-Mar-20 04:06 by prod _rel _team

This product contains cryptographic features and is subject to United
States and local country laws governing import, export, transfer and
use. Delivery of Cisco cryptographic products does not imply
third-party authority to import, export, distribute or use encryption.
Importers, exporters, distributors and users are responsible for
compliance with U.S. and local country laws. By using this product you
agree to comply with applicable laws and regulations. If you are unable
to comply with U.S. and local laws, return this product immediately.

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A summary of U.S. laws governing Cisco cryptographic products may be
found at:
http://www.cisco.com/wwl/export/crypto/tool/stqrg.html

If you require further assistance please contact us by sending email to
export@cisco.com.

Cisco CISCO1941/K9 (revision 1.0) with 491520K/32768K bytes of memory.
Processor board ID FGL185226J6
2 Gigabit Ethernet interfaces
1 terminal line
DRAM configuration is 64 bits wide with parity disabled.
255K bytes of non-volatile configuration memory.
255488K bytes of ATA System CompactFlash 0 (Read/Write)

Press RETURN to get started!

Jan 2 00:00:02.083: %SMART _LIC-6-AGENT _READY: Smart Agent for
Licensing is initialized
Jan 2 00:00:02.423: %IOS _LICENSE _IMAGE _APPLICATION-6-LICENSE _LEVEL:
Module name = c1900 Next reboot level = ipbasek9 and License = ipbasek9
Sep 10 12:50:53.659: c3600 _scp _set _dstaddr2 _idb(185)add = 80 name is
Embedded-Service-Engine0/0
Sep 10 12:51:06.667: %LINK-3-UPDOWN: Interface GigabitEthernet0/0,
changed state to up
Sep 10 12:51:06.667: %LINK-3-UPDOWN: Interface GigabitEthernet0/1,
changed state to up
Sep 10 12:51:07.799: %LINEPROTO-5-UPDOWN: Line protocol on Interface
GigabitEthernet0/0, changed state to up
Sep 10 12:51:07.799: %LINEPROTO-5-UPDOWN: Line protocol on Interface
GigabitEthernet0/1, changed state to up
Sep 10 12:51:09.231: %SYS-5-CONFIG _I: Configured from memory by console
Sep 10 12:51:09.931: %LINEPROTO-5-UPDOWN: Line protocol on Interface
NVI0, changed state to up
Sep 10 12:51:10.955: %LINK-5-CHANGED: Interface
Embedded-Service-Engine0/0, changed state to administratively down
Sep 10 12:51:11.899: %SYS-5-RESTART: System restarted –
Cisco IOS Software, C1900 Software (C1900-UNIVERSALK9-M), Version
15.7(3)M6, RELEASE SOFTWARE (fc1)
Technical Support: http://www.cisco.com/techsupport
Copyright (c) 1986-2020 by Cisco Systems, Inc.
Compiled Fri 06-Mar-20 04:06 by prod _rel _team
Sep 10 12:51:12.539: %LINEPROTO-5-UPDOWN: Line protocol on Interface
Embedded-Service-Engine0/0, changed state to down
Sep 10 12:51:17.751: %PNP-6-PNP _DISCOVERY _STOPPED: PnP Discovery
stopped (Startup Config Present)
cisco-1941-router>ping 118.189.208.1
Type escape sequence to abort.
Sending 5, 100-byte ICMP Echos to 118.189.208.1, timeout is 2 seconds:

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```
.....
Success rate is 0 percent (0/5)
cisco-1941-router>ping 118.189.208.1
Type escape sequence to abort.
Sending 5, 100-byte ICMP Echos to 118.189.208.1, timeout is 2 seconds:
.....
Success rate is 0 percent (0/5)
cisco-1941-router>ping 118.189.208.1
Type escape sequence to abort.
Sending 5, 100-byte ICMP Echos to 118.189.208.1, timeout is 2 seconds:
.....
Success rate is 0 percent (0/5)
cisco-1941-router>en
Password:
cisco-1941-router #config t
Enter configuration commands, one per line. End with CNTL/Z.
cisco-1941-router(config) #interface GigabitEthernet 0/0
cisco-1941-router(config-if) #ip address dhcp
cisco-1941-router(config-if) #end
cisco-1941-router #
Sep 10 12:56:36.399: %SYS-5-CONFIG _I: Configured from console by
console
cisco-1941-router #copy run start
Destination filename [startup-config]?
Building configuration...
[OK]
cisco-1941-router #copy run start
Destination filename [startup-config]?
Building configuration...
[OK]
cisco-1941-router #ping 118.189.208.1
Type escape sequence to abort.
Sending 5, 100-byte ICMP Echos to 118.189.208.1, timeout is 2 seconds:
.....
Success rate is 0 percent (0/5)
cisco-1941-router #
Sep 10 12:57:13.591: %DHCP-6-ADDRESS _ASSIGN: Interface
GigabitEthernet0/0 assigned DHCP address aaa.bbb.ccc.ddd, mask
255.255.248.0, hostname cisco-1941-router

cisco-1941-router #ping 118.189.208.1
Type escape sequence to abort.
Sending 5, 100-byte ICMP Echos to 118.189.208.1, timeout is 2 seconds:
!!!!!
Success rate is 100 percent (5/5), round-trip min/avg/max = 4/8/16 ms
cisco-1941-router #ping 8.8.8.8
Type escape sequence to abort.
Sending 5, 100-byte ICMP Echos to 8.8.8.8, timeout is 2 seconds:
!!!!!
Success rate is 100 percent (5/5), round-trip min/avg/max = 4/4/8 ms
cisco-1941-router #ter len 0
cisco-1941-router #show run
Building configuration...
```

```
Current configuration : 1458 bytes
!
! Last configuration change at 12:56:36 UTC Thu Sep 10 2020
!
version 15.7
service timestamps debug datetime msec
service timestamps log datetime msec
no service password-encryption
!
hostname cisco-1941-router
!
boot-start-marker
boot-end-marker
!
!
enable secret 5 $1 $xY1A $qxo.vEvmODc/HLeIjdMkz1
!
no aaa new-model
!
!
!
!
!
!
!
!
!
!
ip dhcp excluded-address 192.168.20.1
!
ip dhcp pool lan-pool
network 192.168.20.0 255.255.255.0
default-router 192.168.20.1
dns-server 8.8.8.8
!
!
!
ip cef
no ipv6 cef
multilink bundle-name authenticated
!
!
!
license udi pid CISCO1941/K9 sn FGL185226J6
!
!
!
redundancy
!
!
!
!
!
```


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```
!
interface Embedded-Service-Engine0/0
no ip address
shutdown
!
interface GigabitEthernet0/0
ip address dhcp
ip nat outside
ip virtual-reassembly in
duplex auto
speed auto
!
interface GigabitEthernet0/1
ip address 192.168.20.1 255.255.255.0
ip nat inside
ip virtual-reassembly in
duplex auto
speed auto
!
ip forward-protocol nd
!
no ip http server
no ip http secure-server
!
ip nat inside source list 1 interface GigabitEthernet0/0 overload
ip route 0.0.0.0 0.0.0.0 118.189.208.1
!
!
!
access-list 1 permit 192.168.20.0 0.0.0.255
!
control-plane
!
!
line con 0
line aux 0
line 2
no activation-character
no exec
transport preferred none
transport output pad telnet rlogin lapb-ta mop udptn v120 ssh
stopbits 1
line vty 0 4
password teo-en-ming-corp
login
transport input none
!
scheduler allocate 20000 1000
!
end

cisco-1941-router #copy run start
Destination filename [startup-config]?
```

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```
Building configuration...
[OK]
cisco-1941-router #show run
Building configuration...

Current configuration : 1458 bytes
!
! Last configuration change at 12:56:36 UTC Thu Sep 10 2020
!
version 15.7
service timestamps debug datetime msec
service timestamps log datetime msec
no service password-encryption
!
hostname cisco-1941-router
!
boot-start-marker
boot-end-marker
!
!
enable secret 5 $1 $xY1A $qxo.vEvmODc/HLeIjdMkz1
!
no aaa new-model
!
!
!
!
!
!
!
!
!
ip dhcp excluded-address 192.168.20.1
!
ip dhcp pool lan-pool
network 192.168.20.0 255.255.255.0
default-router 192.168.20.1
dns-server 8.8.8.8
!
!
!
ip cef
no ipv6 cef
multilink bundle-name authenticated
!
!
!
license udi pid CISCO1941/K9 sn FGL185226J6
!
!
!
redundancy
!
```


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```
!
!
!
!
!
interface Embedded-Service-Engine0/0
no ip address
shutdown
!
interface GigabitEthernet0/0
ip address dhcp
ip nat outside
ip virtual-reassembly in
duplex auto
speed auto
!
interface GigabitEthernet0/1
ip address 192.168.20.1 255.255.255.0
ip nat inside
ip virtual-reassembly in
duplex auto
speed auto
!
ip forward-protocol nd
!
no ip http server
no ip http secure-server
!
ip nat inside source list 1 interface GigabitEthernet0/0 overload
ip route 0.0.0.0 0.0.0.0 118.189.208.1
!
!
!
access-list 1 permit 192.168.20.0 0.0.0.255
!
control-plane
!
!
line con 0
line aux 0
line 2
no activation-character
no exec
transport preferred none
transport output pad telnet rlogin lapb-ta mop udptn v120 ssh
stopbits 1
line vty 0 4
password teo-en-ming-corp
login
transport input none
!
scheduler allocate 20000 1000
!
```

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end

cisco-1941-router #copy run start
Destination filename [startup-config]?
Building configuration...
[OK]
cisco-1941-router #copy run start
Destination filename [startup-config]?
Building configuration...
[OK]
cisco-1941-router #exit

cisco-1941-router con0 is now available

Press RETURN to get started.

cisco-1941-router>exit

cisco-1941-router con0 is now available

Press RETURN to get started.

cisco-1941-router>

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[4] [4]https://lwn.net/ml/linux-kernel/f91ed52e3343333e35854a2c975ed857 %40teo-en-ming.com/

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3. https://marc.info/?l=linux-kernel&m=159982497607139&w=2
4. https://lwn.net/ml/linux-kernel/f91ed52e3343333e35854a2c975ed857%40teo-en-ming.com/
5. http://lists.linuxfromscratch.org/pipermail/lfs-chat/2020-September/029153.html

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I have just bought refurbished Cisco 1941 router for SGD$130 on 10 Sept 2020 Thursday (2020-09-10 23:11) - Turritopsis Dohrnii Teo En Ming

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France, Japan, New Zealand warn of sudden spike in Emotet attacks (2020-09-10 23:04) - Turritopsis Dohrnii Teo En Ming

Link: [1]https://www.zdnet.com/article/france-japan-new-zealand-warn-of-s udden-spike-in-emotet-attacks/

1. https://www.zdnet.com/article/france-japan-new-zealand-warn-of-sudden-spike-in-emotet-attacks/

[Youtube] [SUB] VLOG Cuti-Cuti Malaysia by Stephy Yiwen (2020-09-10 22:59) - Turritopsis Dohrnii Teo En Ming

IFRAME: [1]https://www.youtube.com/embed/r9BErR0ivfk

1. `https://www.youtube.com/embed/r9BErR0ivfk`

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Set up LACP bonding interface on CentOS 8 (2020-09-10 22:57) - Turritopsis Dohrnii Teo En Ming

Link: [1]https://www.snel.com/support/set-up-lacp-bonding-interface-on-cent os-8/

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The world’s largest digital camera has taken the first 3,200 megapixel photo (2020-09-10 22:55) - Turritopsis Dohrnii Teo En Ming

Link: [1]https://www.zdnet.com/article/the-worlds-largest-digital-camera-ha s-taken-the-first-3200-megapixel-photo/

1. https://www.zdnet.com/article/the-worlds-largest-digital-camera-has-taken-the-first-3200-megapixel-photo/

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MP Ang Wei Neng takes 9 yrs to feel like a foreigner in own country when visiting Changi Business Park **(2020-09-10 22:53) - Turritopsis Dohrnii Teo En Ming**

Link: [1]https://www.onlinecitizenasia.com/2020/09/01/mp-ang-wei-neng-tak es-9-yrs-to-feel-like-a-foreigner-in-own-country-when-visiting-changi-business- park/

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European ISPs report mysterious wave of DDoS attacks (2020-09-10 22:52) - Turritopsis Dohrnii Teo En Ming

Link: [1]https://www.zdnet.com/article/european-isps-report-mysterious-wa ve-of-ddos-attacks/

1. https://www.zdnet.com/article/european-isps-report-mysterious-wave-of-ddos-attacks/

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The Six Degrees of Separation in the Liew Mun Leong and Parti Liyani case (2020-09-10 22:47) - Turritopsis Dohrnii Teo En Ming

Link: [1]https://www.onlinecitizenasia.com/2020/09/09/the-six-degrees-of- separation-in-the-liew-mun-leong-and-parti-liyani-case/

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Parti Liyani case: MOM advisory to Changi Airport Group chairman's son in 2018 'nothing more than just a slap on the wrist', says Workers' Party's Azhar Latip (2020-09-10 22:45) - Turritopsis Dohrnii Teo En Ming

Link: [1]https://www.onlinecitizenasia.com/2020/09/08/parti-liyani-case-m om-advisory-to-changi-airport-group-chairmans-son-in-2018-nothing-more-than-jus t-a-slap-on-the-wrist-says-workers-partys-azhar-latip/

1. https://www.onlinecitizenasia.com/2020/09/08/parti-liyani-case-mom-advisory-to-changi-airport-group-chairmans-son-in-2018-nothing-more-than-just-a-slap-on-the-w

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get router info routing-table in Fortigate Firewall (2020-09-10 22:41) - Turritopsis Dohrnii Teo En Ming

Link: [1]https://help.fortinet.com/fadc/4-8-1/cli/Content/FortiADC/cli-ref/ get _router _info _routing _table.htm

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Super Healthy Lunch on 10 Sep 2020 Thursday: Fish with Rice for SGD$4 Only (2020-09-10 22:38) - Turritopsis Dohrnii Teo En Ming

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[9 Sep 2020 Wed] I completed walking exercise of 3.37 km at Orchard Road, Singapore in 1 hour

(2020-09-10 22:34) - Turritopsis Dohrnii Teo En Ming

[9 Sep 2020 Wed] I completed walking exercise of 3.37 km at Orchard Road, Singapore in 1 hour

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[YOUTUBE] Paid Testshoot with Jayley Woo Jiaqi Before She Became a Mediacorp TV Actress

(2020-09-08 22:27) - Turritopsis Dohrnii Teo En Ming

IFRAME: [1]https://www.youtube.com/embed/Fmr-LKFgKy8

1. `https://www.youtube.com/embed/Fmr-LKFgKy8`

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[YOUTUBE] Vanessa Ho Seifuku Shoot 1 of 3 Before She Won Samsung Galaxy Breakthrough Award at Star Search 2019 (2020-09-08 22:10) - Turritopsis Dohrnii Teo En Ming

IFRAME: [1]https://www.youtube.com/embed/He4EqxW5Iaw

1. `https://www.youtube.com/embed/He4EqxW5Iaw`

[8 Sep 2020 Tue] I completed walking exercise of 3.38 km at Orchard Road, Singapore in 1 hour

(2020-09-08 22:08) - Turritopsis Dohrnii Teo En Ming

[8 Sep 2020 Tue] I completed walking exercise of 3.38 km at Orchard Road, Singapore in 1 hour

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[7 Sep 2020 Mon] I completed walking exercise of 3.62 km at Orchard Road, Singapore in 1 hour

(2020-09-08 22:04) - Turritopsis Dohrnii Teo En Ming

[7 Sep 2020 Mon] I completed walking exercise of 3.62 km at Orchard Road, Singapore in 1 hour

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IP Subnet Calculator (2020-09-05 18:32) - Turritopsis Dohrnii Teo En Ming

Link: [1]https://www.calculator.net/ip-subnet-calculator.html

1. `https://www.calculator.net/ip-subnet-calculator.html`

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When Singaporeans are unemployed but foreigners have jobs: “It’s not xenophobia”

(2020-09-05 18:30) - Turritopsis Dohrnii Teo En Ming

Link: [1]http://theindependent.sg/when-singaporeans-are-unemployed-but-fore igners-have-jobs-its-not-xenophobia/

1. `http://theindependent.sg/when-singaporeans-are-unemployed-but-foreigners-have-jobs-its-not-xenophobia/`

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Pritam Singh holding meet-the-people session at void deck a 'sad sight to see' (2020-09-05 18:28) - Turritopsis Dohrnii Teo En Ming

Link: [1]http://theindependent.sg/pritam-singh-holding-meet-the-people-sess ion-at-void-deck-a-sad-sight-to-see/

1. http://theindependent.sg/pritam-singh-holding-meet-the-people-session-at-void-deck-a-sad-sight-to-see/

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Commit 1 million: The history of the Linux kernel (2020-09-05 18:20) - Turritopsis Dohrnii Teo En Ming

Link: [1]https://www.zdnet.com/article/commit-1-million-the-history-of-th e-linux-kernel/

1. `https://www.zdnet.com/article/commit-1-million-the-history-of-the-linux-kernel/`

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[The Straits Times] From design director to food delivery rider (2020-09-05 18:19) - Turritopsis Dohrnii Teo En Ming

Link: [1]https://www.straitstimes.com/singapore/from-design-director-to-f ood-delivery-rider

1. https://www.straitstimes.com/singapore/from-design-director-to-food-delivery-rider

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This surprise Linux malware warning shows that hackers are changing their targets
(2020-09-05 18:14) - Turritopsis Dohrnii Teo En Ming

Link: [1]https://www.zdnet.com/article/this-surprise-linux-malware-warning- shows-that-hackers-are-changing-their-targets/

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Super Healthy Lunch: Fish with Rice SGD$3.50 only (2020-09-05 18:08) - Turritopsis Dohrnii Teo En Ming

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How to Shutdown/Power off Windows 10 PC Using CMD (2020-09-05 18:05) - Turritopsis Dohrnii Teo En Ming

Link: [1]https://www.easeus.com/computer-instruction/shutdown-power-off-win dows-10-using-cmd.html

1. https://www.easeus.com/computer-instruction/shutdown-power-off-windows-10-using-cmd.html

[YOUTUBE] DJ AMBER NA LIVE MIXSET #6 Hardstyle by DJ AMBER NA

(2020-09-05 18:00) - Turritopsis Dohrnii Teo En Ming

IFRAME: [1]https://www.youtube.com/embed/Ewikg8W2oEo

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[YOUTUBE] FLOWER SHOWER by DJ AMBER NA (2020-09-05 17:56)
- Turritopsis Dohrnii Teo En Ming

IFRAME: [1]https://www.youtube.com/embed/bsUktXRWkJY

1. `https://www.youtube.com/embed/bsUktXRWkJY`

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How to Upgrade AnyConnect Secure Mobility Client on Cisco ASA 5506-X Firewall

(2020-09-05 17:40) - Turritopsis Dohrnii Teo En Ming

Subject: How to Upgrade AnyConnect Secure Mobility Client on Cisco ASA 5506-X Firewall

Author: Mr. Turritopsis Dohrnii Teo En Ming (TARGETED INDIVIDUAL)

Country: Singapore

Date: 5 September 2020 Saturday Singapore Time

Type of Publication: Plain Text

Document Version: 20200905.01

CLI commands
==========

enable

config t

webvpn

no anyconnect image flash:/anyconnect-win-3.1.03103-k9.pkg

exit

copy ftp://anonymous@<IP address of FTP server>/ anyconnect-win-4.9.00086-webdeploy-k9.pkg

AnyConnect Secure Mobility Client version 4.9.00086 is compatible with Windows 10 version 2004.

webvpn

anyconnect image flash:/anyconnect-win-4.9.00086-webdeploy-k9.pkg

exit

copy run start

REFERENCES
==========

[1] [1]http://lists.linuxfromscratch.org/pipermail/lfs-chat/2020-September/02 9151.html

1. http://lists.linuxfromscratch.org/pipermail/lfs-chat/2020-September/029151.html

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I completed walking exercise of 3.66 km at Orchard Road, Singapore in 1 hour (2020-09-05 17:11) - Turritopsis Dohrnii Teo En Ming

I completed walking exercise of 3.66 km at Orchard Road, Singapore in 1 hour.

3rd September 2020 Thursday evening Singapore Time

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I have completed walking exercise of 3.82 km at Orchard Road, Singapore in 1 hour (2020-09-02 20:06) - Turritopsis Dohrnii Teo En Ming

I have completed walking exercise of 3.82 km at Orchard Road, Singapore in 1 hour.

2nd September 2020 Wednesday 5.36 PM to 6.36 PM

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Where are guest configuration files located in KVM (2020-09-01 22:01) - Turritopsis Dohrnii Teo En Ming

Link: [1]http://www.humblec.com/where-are-guest-configuration-files-located -in-kvm/

1. `http://www.humblec.com/where-are-guest-configuration-files-located-in-kvm/`

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How to Migrate Wordpress Website from 32-bit CentOS Linux 6.3 to 64-bit CentOS Linux 8.2 (2004) (2020-09-01 12:07) - Turritopsis Dohrnii Teo En Ming

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1. https://lore.kernel.org/selinux/146d1d41153da1ae75876fcc17a8455a@teo-en-ming.com/T/#u
2. https://lists.fedorahosted.org/archives/list/firewalld-users@lists.fedorahosted.org/thread/AUQIOBSQL3CIO3HRSDOJFAH5JN7QP2WP/

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1.5 August

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How to Migrate Wordpress Website from 32-bit CentOS Linux 6.3 to 64-bit CentOS Linux 8.2 (2004) (2020-08-31 22:44) - Turritopsis Dohrnii Teo En Ming

Subject: How to Migrate Wordpress Website from 32-bit CentOS Linux 6.3 to 64-bit CentOS Linux 8.2 (2004)

Author of this Guide: Mr. Turritopsis Dohrnii Teo En Ming (TARGETED INDIVIDUAL)

Country: Singapore

Date: 31 August 2020 Monday Singapore Time

Type of Publication: Plain Text

Document Version: 20200831.01

SECTION 1 Information Gathering Stage
==========

Host operating system is Windows Server 2008 R2 Standard

Host Processor: Intel Xeon CPU E5620 @ 2.40 GHz

Host Memory: 24 GB RAM

Old Oracle VirtualBox version is 4.1.18

Upgrade to Virtualbox version 6.1.12 (COMPLETED SUCCESSFULLY AFTER RESTARTING WINDOWS SERVER)

Old CentOS Linux VM is version 6.3 (32-bit only)

Old Apache web server version 2.2.15

Old MySQL database server version 5.1.61

Old PHP version 5.6.40

Interface eth0: AAA.BBB.CCC.3/24 (ifconfig)
Gateway: AAA.BBB.CCC.2 (ip route) (Gateway is the next hop router which is also the Fortigate firewall)
/etc/resolv.conf (for DNS Client):
nameserver AAA.BBB.CCC.1 (This is the Windows Server with DNS Server role installed)

How to login to OLD MySQL database server:

mysql -u root -p

Old hostname: centos63.teo-en-ming-corp.com

Old Virtual Machine Settings
==========

4 GB RAM, 2 processors, 20 GB storage, network adapter: bridged to broadcom bcm5709c

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NEW Virtual Machine Settings
==========

4 GB RAM, 4 processors, 100 GB storage, network adapter: bridged to broadcom bcm5709c

After using Advanced IP scanner and checking DHCP scope in Microsoft DHCP server in Windows Server,

Unused IP address: AAA.BBB.CCC.4 (Use this IP address for new CentOS 8.2 Linux VM)

SECTION 2 Installation of NEW CentOS 8.2 Linux Virtual Machine
==========

New Hostname: centos82.teo-en-ming-corp.com

NEW IP: AAA.BBB.CCC.4
Subnet mask: 255.255.255.0 (Class C)
Gateway: AAA.BBB.CCC.2
DNS1: 8.8.8.8

Problem
=======

CentOS 8.2 Linux 64-bit will not start and run because VirtualBox is too old (version 4.1.18). Intel Virtualization and VT-d already enabled in server BIOS previously.
So running 64-bit virtual machines is not an issue.

Solution
========

After upgrading to VirtualBox 6.1.12, CentOS 8.2 Linux 64-bit is able to start and run.

SECTION 3 Generate a Backup of ALL Databases in the Old VM
==========

Reference Guide: How to backup and restore MySQL databases using the mysqldump command

Link: https://www.sqlshack.com/how-to-backup-and-restore-mysql-databases-using-the-my sqldump-command/

Reference Guide: How to Show Users in MySQL using Linux

Link: https://www.hostinger.com/tutorials/mysql-show-users/

cd /root

mysqldump -u root -p –all-databases > all-databases-20200829.sql

du -h all-databases-20200829.sql

70M all-databases-20200829.sql

SECTION 4 Disable SELinux (Security Enhanced Linux)
==========

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You MUST disable SELinux, otherwise Apache web server will not work.

If you DO NOT want to disable SELinux, you must be an expert in SELinux to configure SELinux.

nano /etc/selinux/config

SELINUX=disabled

reboot

SECTION 5 Disable firewalld Software Firewall
==========

Because already protected by Fortigate firewall at the perimeter.

systemctl disable firewalld

reboot

SECTION 6 LAMP (Linux, Apache, MySQL and PHP) Installation
==========

I will be installing Apache web server 2.4.37-21, MariaDB server 3:10.3.17-1, PHP 7.2.24-1 and OpenSSL 1:1.1.1c-15 in 64-bit CentOS Linux 8.2 (2004).

Sub-Section on Installing Apache Web Server
==========

dnf install php php-fpm php-gd

You *MUST* install php-gd, otherwise Apache Web Server cannot execute PHP scripts.

dnf install httpd

systemctl enable httpd

systemctl start httpd

[root@centos82] # ps -ef | grep httpd
root 33214 1 0 22:03 ? 00:00:00 /usr/sbin/httpd -DFOREGROUND
apache 33351 33214 0 22:03 ? 00:00:00 /usr/sbin/httpd -DFOREGROUND
apache 33352 33214 1 22:03 ? 00:00:00 /usr/sbin/httpd -DFOREGROUND
apache 33355 33214 1 22:03 ? 00:00:00 /usr/sbin/httpd -DFOREGROUND
apache 33357 33214 0 22:03 ? 00:00:00 /usr/sbin/httpd -DFOREGROUND
root 36374 7368 0 22:03 pts/0 00:00:00 grep –color=auto httpd

On the OLD CentOS 6.3 server:

cd /etc/httpd

tar cfvz apacheconf.tar.gz conf conf.d

mv apacheconf.tar.gz /root

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On the NEW CentOS 8.2 server:

cd /etc/httpd

cp -r conf conf.original

cp -r conf.d conf.d.original

scp root@AAA.BBB.CCC.3:/root/apacheconf.tar.gz .

tar xfvz apacheconf.tar.gz

On the OLD CentOS 6.3 server:

cd /var/www/html

tar cfvz websites.tar.gz *

(1.4 GB)

On the NEW CentOS 8.2 server:

cd /var/www/html

scp root@AAA.BBB.CCC.3:/root/websites.tar.gz .

tar xfvz websites.tar.gz

Continuing on the NEW CentOS 8.2 server
==========

How to troubleshoot Apache web server
==========

The following are TWO very important Linux troubleshooting commands.

systemctl status httpd (check the error Apache web server gives out)

httpd -t (for checking Apache web server configuration syntax)

Make the following changes to /etc/httpd/conf/httpd.conf, as follows:

Rationale for unloading modules here: The modules were already loaded in config files in another location /etc/httpd/conf.modules.d, so we disable in httpd.conf to avoid duplication.
If there are duplication for loading modules, Apache web server cannot start.

#
Dynamic Shared Object (DSO) Support
#
To be able to use the functionality of a module which was built as a DSO you
have to place corresponding ‘LoadModule’ lines at this location so the
directives contained in it are actually available _before _ they are used.

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```
# Statically compiled modules (those listed by ‘httpd -l’) do not need
# to be loaded here.
#
# Example:
# LoadModule foo _module modules/mod _foo.so
#
#LoadModule auth _basic _module modules/mod _auth _basic.so
#LoadModule auth _digest _module modules/mod _auth _digest.so
#LoadModule authn _file _module modules/mod _authn _file.so
#LoadModule authn _alias _module modules/mod _authn _alias.so
#LoadModule authn _anon _module modules/mod _authn _anon.so
#LoadModule authn _dbm _module modules/mod _authn _dbm.so
#LoadModule authn _default _module modules/mod _authn _default.so
#LoadModule authz _host _module modules/mod _authz _host.so
#LoadModule authz _user _module modules/mod _authz _user.so
#LoadModule authz _owner _module modules/mod _authz _owner.so
#LoadModule authz _groupfile _module modules/mod _authz _groupfile.so
#LoadModule authz _dbm _module modules/mod _authz _dbm.so
#LoadModule authz _default _module modules/mod _authz _default.so
#LoadModule ldap _module modules/mod _ldap.so
#LoadModule authnz _ldap _module modules/mod _authnz _ldap.so
#LoadModule include _module modules/mod _include.so
#LoadModule log _config _module modules/mod _log _config.so
#LoadModule logio _module modules/mod _logio.so
#LoadModule env _module modules/mod _env.so
#LoadModule ext _filter _module modules/mod _ext _filter.so
#LoadModule mime _magic _module modules/mod _mime _magic.so
#LoadModule expires _module modules/mod _expires.so
#LoadModule deflate _module modules/mod _deflate.so
#LoadModule headers _module modules/mod _headers.so
LoadModule usertrack _module modules/mod _usertrack.so
#LoadModule setenvif _module modules/mod _setenvif.so
#LoadModule mime _module modules/mod _mime.so
#LoadModule dav _module modules/mod _dav.so
#LoadModule status _module modules/mod _status.so
#LoadModule autoindex _module modules/mod _autoindex.so
#LoadModule info _module modules/mod _info.so
#LoadModule dav _fs _module modules/mod _dav _fs.so
#LoadModule vhost _alias _module modules/mod _vhost _alias.so
#LoadModule negotiation _module modules/mod _negotiation.so
#LoadModule dir _module modules/mod _dir.so
#LoadModule actions _module modules/mod _actions.so
LoadModule speling _module modules/mod _speling.so
#LoadModule userdir _module modules/mod _userdir.so
#LoadModule alias _module modules/mod _alias.so
#LoadModule substitute _module modules/mod _substitute.so
#LoadModule rewrite _module modules/mod _rewrite.so
#LoadModule proxy _module modules/mod _proxy.so
#LoadModule proxy _balancer _module modules/mod _proxy _balancer.so
#LoadModule proxy _ftp _module modules/mod _proxy _ftp.so
#LoadModule proxy _http _module modules/mod _proxy _http.so
#LoadModule proxy _ajp _module modules/mod _proxy _ajp.so
#LoadModule proxy _connect _module modules/mod _proxy _connect.so
```


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#LoadModule cache _module modules/mod _cache.so
#LoadModule suexec _module modules/mod _suexec.so
#LoadModule disk _cache _module modules/mod _disk _cache.so
LoadModule cgi _module modules/mod _cgi.so
#LoadModule version _module modules/mod _version.so

IncludeOptional conf.d/*.conf (Notice the use of OPTIONAL)
Include conf.modules.d/*.conf (DEFAULT CONFIG FILES INSTALLED BY APACHE WEB SERVER 2.4.37)

Install the Secure Sockets Layer (SSL) module for Apache web server

dnf install mod _ssl

Make the following changes to /etc/httpd/conf.d/ssl.conf, as follows:

#SSLMutex default (MUST be disabled)

Transferring Public Key from OLD server to NEW server:

cd /etc/pki/tls/certs

scp root@AAA.BBB.CCC.3:/root/teo-en-ming-corp.crt .

Transferring Private Key from OLD server to NEW server:

cd /etc/pki/tls/private/

scp root@AAA.BBB.CCC.3:/root/teo-en-ming-corp.key .

Install Python3 module for Apache web server:

dnf install python3-mod _wsgi

Make the following changes to /etc/httpd/conf.d/wsgi.conf, as follows:

LoadModule wsgi _module modules/mod _wsgi _python3.so

Install the Perl module:

dnf install epel-release

dnf install mod _perl

Make the following changes to /etc/httpd/conf.d/perl.conf, as follows:

#LoadModule perl _module modules/mod _perl.so

Because Perl module is already loaded in /etc/httpd/conf.modules.d/

Disable SSL virtual hosts for now (Our server will support only http and no https at the moment)

cd /etc/httpd/conf.modules.d/

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mv 00-ssl.conf 00-ssl.conf.original

cd /etc/httpd/conf.d

mv ssl.conf ssl.conf.1

Sub-Section on Installing MariaDB (MySQL) Database Server
==========

dnf install mariadb-server

systemctl enable mariadb

systemctl start mariadb

Reference Guide: How to Use SCP Command to Securely Transfer Files
Link: https://linuxize.com/post/how-to-use-scp-command-to-securely-transfer-files/

Transfer backup of ALL databases from OLD server to NEW server:

scp root@AAA.BBB.CCC.3:/root/all-databases-20200829.sql .

Restore ALL databases on NEW server:

mysql < all-databases-20200829.sql

Login to MySQL (MariaDB):

mysql

Check all MySQL users are imported:

MariaDB [(none)]> select user from mysql.user;
+——————+
| user |
+——————+
| root |
| |
| root |
| |
| root |
| aaa |
| bbb |
| ccc |
+——————+
8 rows in set (0.001 sec)

Sub-Section on Installing PHP 7.2
==========

We WON’T be using PHP configuration from OLD CentOS 6.3 server:

/etc/httpd/conf.d

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mv php.conf php.conf.63

Use the PHP configuration on NEW CentOS 8.2 server:

cp php.conf.rpmnew php.conf

ERROR ENCOUNTERED
==========

ERROR: Your PHP installation appears to be missing the MySQL extension which is required by WordPress

Solution is found at: https://www.howtoforge.com/tutorial/centos-lamp-server-apache-mysql-php/

SOLUTION
========

MUST install php-mysqlnd

dnf install php-mysqlnd

SECTION 7 Apache Web Server Virtual Hosts
==========

/etc/httpd/conf/httpd.conf

```
# # # Section 3: Virtual Hosts
#
# VirtualHost: If you want to maintain multiple domains/hostnames on your
# machine you can setup VirtualHost containers for them. Most configurations
# use only name-based virtual hosts so the server doesn't need to worry about
# IP addresses. This is indicated by the asterisks in the directives below.
#
# Please see the documentation at
# <URL:http://httpd.apache.org/docs/2.2/vhosts/>
# for further details before you try to setup virtual hosts.
#
# You may use the command line option '-S' to verify your virtual host
# configuration.

#
# Use name-based virtual hosting.
#
#NameVirtualHost *:80
#
# NOTE: NameVirtualHost cannot be used without a port specifier
# (e.g. :80) if mod _ssl is being used, due to the nature of the
# SSL protocol.
#

#
# VirtualHost example:
```

```
# Almost any Apache directive may go into a VirtualHost container.
# The first VirtualHost section is used for requests without a known
# server name.
#
#<VirtualHost *:80>
# ServerAdmin webmaster@dummy-host.example.com
# DocumentRoot /www/docs/dummy-host.example.com
# ServerName dummy-host.example.com
# ErrorLog logs/dummy-host.example.com-error _log
# CustomLog logs/dummy-host.example.com-access _log common
#</VirtualHost>


#NameVirtualHost *:80

<VirtualHost *:80>
ServerAdmin ceo@teo-en-ming-corp.com
DocumentRoot /var/www/html/Teo-En-Ming-Corp
ServerName teo-en-ming-corp.com
redirect permanent / http://www.teo-en-ming-corp.com
</VirtualHost>

<VirtualHost *:80>
ServerAdmin ceo@teo-en-ming-corp.com
DocumentRoot /var/www/html/Teo-En-Ming-Corp
ServerName www.teo-en-ming-corp.com

RewriteEngine off
<Directory /var/www/html/Teo-En-Ming-Corp/>
AllowOverride All
</Directory>

<Location />
RewriteEngine on
RewriteCond % {REQUEST _FILENAME } !-f
RewriteCond % {REQUEST _FILENAME } !-d
RewriteRule !\.(js|ico|gif|jpg|png|css) $ /index.php
</Location>
</VirtualHost>

<VirtualHost *:80>
ServerAdmin ceo@teo-en-ming-corp.com
DocumentRoot /var/www/html/DonaldTrump
ServerName donaldtrump.com.sg
redirect permanent / http://www.donaldtrump.com.sg
</VirtualHost>

<VirtualHost *:80>
ServerAdmin ceo@teo-en-ming-corp.com
DocumentRoot /var/www/html/DonaldTrump
ServerName www.donaldtrump.com.sg

RewriteEngine off
```


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<Location />
RewriteEngine on
RewriteCond % {REQUEST _FILENAME } !-f
RewriteCond % {REQUEST _FILENAME } !-d
RewriteRule !\.(js|ico|gif|jpg|png|css) $ /index.php
</Location>
</VirtualHost>

#<VirtualHost *:80>
ServerAdmin ceo@teo-en-ming-corp.com
DocumentRoot /var/webmiln
ServerName centos.teo-en-ming-corp.com
redirect permanent / https://centos.teo-en-ming-corp.com:10000
#</VirtualHost>

<VirtualHost *:80>
ServerAdmin ceo@teo-en-ming-corp.com
DocumentRoot /var/www/html/Teo-En-Ming-Corp _old
ServerName old.teo-en-ming-corp.com

RewriteEngine off

<Location />
RewriteEngine on
RewriteCond % {REQUEST _FILENAME } !-f
RewriteCond % {REQUEST _FILENAME } !-d
RewriteRule !\.(js|ico|gif|jpg|png|css) $ /index.php
</Location>
</VirtualHost>

SECTION 8 .htaccess
==========

/var/www/html/Teo-En-Ming-Corp/wp-admin/.htaccess:

order deny,allow
deny from all
allow from AAA.BBB.CCC.DDD
allow from AAA.BBB.CCC.DDD
allow from AAA.BBB.CCC.DDD
allow from AAA.BBB.CCC.DDD
allow from AAA.BBB.CCC.DDD

SECTION 9 FORTIGATE FIREWALL (STATIC NAT/PORT FORWARDING CONFIGURATION)
========== ====

Create Virtual IPs for Static NAT/port forwarding.

Edit Virtual IP
==========

Name: Wordpress-Website

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Interface: Internet (wan1)

Type: Static NAT

External IP Address/Range: AAA.BBB.CCC.DDD - AAA.BBB.CCC.DDD

Mapped IP Address/Range: AAA.BBB.CCC.4 - AAA.BBB.CCC.4

Optional Filters: No

Port Forwarding: No

Click OK.

Then create IPv4 firewall polic(ies) from WAN1 to Internal using the created Virtual IP, allowing http, https, icmp, ssh, and/or other networking protocols as you wish.

You may also use Security Profiles in Fortigate firewall as you wish:

Antivirus

Web Filter

DNS Filter

Application Control

FortiClient Compliance

SSL/SSH Inspection

Web Rating Overrides

Custom Signatures

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[YOUTUBE MUSIC VIDEO] I Really Wish to Live For Another 500 Years in The Era of Emperor Kangxi (2020-08-30 16:43) - Turritopsis Dohrnii Teo En Ming

IFRAME: [1]https://www.youtube.com/embed/ _rA9r7QHPig

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[YOUTUBE] The Biography of Siddhartha Gautama Buddha (2020-08-30 16:40) - Turritopsis Dohrnii Teo En Ming

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[YOUTUBE] Reverend Yideng in Legend of the Condor Heroes Episode 40 (2020-08-30 16:35) - Turritopsis Dohrnii Teo En Ming

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[YOUTUBE] The Bodhidharma **Episode 14 (2020-08-30 16:27) - Turritopsis Dohrnii Teo En Ming**

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[YOUTUBE] The Bodhidharma Episode 10 (2020-08-30 16:24) - Turritopsis Dohrnii Teo En Ming

IFRAME: [1]https://www.youtube.com/embed/QPKQlPYwMsY

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[YOUTUBE] Bangkok Motor Show Model Lookchoup Lingerie Shoot 23 Aug 2020 (2020-08-30 16:21) - Turritopsis Dohrnii Teo En Ming

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Configuring Fortigate 60D Firewall SSL VPN with FortiToken 2FA (Advanced Configuration)

(2020-08-25 22:34) - Turritopsis Dohrnii Teo En Ming

Subject: Configuring Fortigate 60D Firewall SSL VPN with FortiToken 2FA (Advanced Configuration)

Author: Mr. Turritopsis Dohrnii Teo En Ming
Country: Singapore
Date: 25 August 2020 Tuesday Singapore Time
Type of Publication: PDF Manual
Document Version: 20200825.01

INTRODUCTION
==========

Fortigate firewall appliances are based on Linux Kernel and open source software.

In this PDF manual, I will show you how to:

1.

Install Windows Server 2019 Standard as a virtual machine in Linux KVM/QEMU Hypervisor
2.

Install Active Directory Domain Services role/feature
3.

Promote Windows Server 2019 Standard to Domain Controller
4.

Create organizational units in Active Directory Users and Computers
5.

Create Active Directory user
6.

Create security group for SSL VPN users
7.

Assign Active Directory user to the SSL VPN Users security group
8.

Add LDAP server (Microsoft Active Directory/LDAP integration) in Fortigate 60D firewall
9.

Add user group from LDAP server in Fortigate 60D firewall (remember to add members of the group as well)
10.

Add LDAP user in Fortigate 60D firewall
11.

Configure SSL VPN tunnel in Fortigate 60D firewall
12.

Configure two firewall security policies to allow VPN users to access the (a) internal network and the (b) internet
13.

Assign FortiToken to LDAP user in Fortigate 60D firewall and turn on 2nd Factor Authentication (2FA)
14.

Create VPN tunnel in FortiClient VPN on your Android phone and connect to Fortigate 60D SSL VPN tunnel successfully
15.

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FortiClient VPN will now ask you for the token code

Redundant Google Drive download links for my PDF manual
==========

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FBI and NSA Recommend Updating Your Linux System to Kernel Version 3.7 or Later

(2020-08-17 22:52) - Turritopsis Dohrnii Teo En Ming

Subject: FBI and NSA Recommend Updating Your Linux System to Kernel Version 3.7 or Later

Good day from Singapore,

Please refer to the following news article and cybersecurity advisory.

Article: FBI and NSA expose new Linux malware Drovorub, used by Russian state hackers
Link: https://www.zdnet.com/article/fbi-and-nsa-expose-new-linux-malware-drovorub-use d-by-russian-state-hackers/

QUOTE:

"To prevent attacks, the agency recommends that US organizations update any Linux system to a version running kernel version 3.7 or later, "in order to take full advantage of kernel signing enforcement," a security feature that would prevent APT28 hackers from installing Drovorub's rootkit."

Cybersecurity Advisory: National Security Agency and Federal Bureau of Investigation Joint Cybersecurity Advisory: Russian GRU 85th GTsSS Deploys Previously Undisclosed Drovorub Malware, August 2020 Rev 1.0

Link: https://media.defense.gov/2020/Aug/13/2002476465/-1/-1/0/CSA _DROVORUB _RUSSIAN _GRU _MALWARE _AUG _2020.PDF

Singaporean IT Consultant Mr. Turritopsis Dohrnii Teo En Ming is proud to be a Linux and open source software enthusiast.

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==========

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[2] [2]http://lkml.iu.edu/hypermail/linux/kernel/2008.2/01169.html

[3] [3]https://marc.info/?l=linux-kernel &m=159767530126705 &w=2

[4] [4]https://lwn.net/ml/linux-kernel/16b3df0ce6353e4f4b2dbf4ad5bca585 %40teo-en-ming.com/

[5] [5]http://lists.linuxfromscratch.org/pipermail/lfs-chat/2020-August/02914 7.html

1. https://lkml.org/lkml/2020/8/17/822
2. http://lkml.iu.edu/hypermail/linux/kernel/2008.2/01169.html
3. https://marc.info/?l=linux-kernel&m=159767530126705&w=2
4. https://lwn.net/ml/linux-kernel/16b3df0ce6353e4f4b2dbf4ad5bca585%40teo-en-ming.com/

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5. http://lists.linuxfromscratch.org/pipermail/lfs-chat/2020-August/029147.html

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FBI and NSA Recommend the Use of Snort Intrusion Detection System(IDS)/Intrusion Prevention System(IPS) (2020-08-17 21:49) - Turritopsis Dohrnii Teo En Ming

Subject: FBI and NSA Recommend the Use of Snort Intrusion Detection System(IDS)/Intrusion Prevention System(IPS)

Good day from Singapore,

Please refer to the following article and cybersecurity advisory.

Article: FBI and NSA expose new Linux malware Drovorub, used by Russian state hackers
Link:
https://www.zdnet.com/article/fbi-and-nsa-expose-new-linux-malware-drovorub-u sed-by-russian-state-hackers/

QUOTE:

"The joint security alert [PDF] contains guidance for running Volatility, probing for file hiding behavior, Snort rules, and Yara rules – all helpful for deploying proper detection measures."

Cybersecurity Advisory: National Security Agency and Federal Bureau of Investigation Joint Cybersecurity Advisory: Russian GRU 85th GTsSS Deploys Previously Undisclosed Drovorub Malware, August 2020 Rev 1.0

Link:
https://media.defense.gov/2020/Aug/13/2002476465/-1/-1/0/CSA _DROVORUB _RUSSIAN _GRU _MALWARE _AUG _2020.PDF

Singaporean IT Consultant Mr. Turritopsis Dohrnii Teo En Ming is proud to have deployed the open source Snort IDS/IPS in his pfSense firewall network security appliance.

REFERENCES
==========

[1] [1]https://lists.snort.org/pipermail/snort-users/2020-August/073961.html

1. `https://lists.snort.org/pipermail/snort-users/2020-August/073961.html`

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Facebook Post by Singaporean Ken Ng (2020-08-17 21:01) - Turritopsis Dohrnii Teo En Ming

[QUOTE=Ken Ng]

"Today is National Day. But I dont feel any pride at all. Not because I don't love my country. But because of what our country has become.

I'm upset at the widening income gap, and the social divide that separates the rich and the poor. The poor that has to beg for assistance yet have to wait for their applications to be approved, while the rich continues to go about their lives seemingly unaffected by the COVID-19 situation

I'm upset at the mass migration of foreigners in our country. Just take a walk at Changi Business Park (it's called Chennai Businesses Park for a reason), or International Business Park (aka India Business Park). Local PMETs are being diaplaced by these trash, and all our gov can do is to tell us to go for skills upgrading?

The number of foreigners in singapore as of today (if I remember correctly), stands at about 30-40 % of the local population today. What happened to the promises made to put Singaporeans first? (Oh wait. Amy Khor told us to pack up and leave if we're not happy!)

While Singaporeans are being forced into being grab drivers, grabfood delivery personnel, dishwashers and cleaners, foreigners are given high paying cushy jobs and live comfortably in luxurious condos while we have to slog like dogs just to afford a "pigeon hole" HDB?

The cpf is also another issue. With the endless changes to the cpf scheme, everyone is finding it even harder to have a proper retirement and have to end up cleaning plates or worse, collecting cardboard (to a certain MP, as a form of exercise)

National Day is supposed to be a day of pride, but with so many things happening in the last 20+ years I can't find a reason to feel proud being a Singaporean.

I love my country. But I do not like what my country has degenerated into. Not one bit. We did not fight for independence just to end up being invaded by foreigners again and be 2nd class citizens in our own country.

This is definitely not the kind of future I want. This is not an inclusive society. Esp when locals are losing their jobs to foreigners with fake degrees and dubious qualifications because the HR comprises of foreigners who will exploit MOM rules to bring their own people in."

[/QUOTE]

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Initial Server Setup with CentOS/RHEL 8 (2020-08-17 20:56) - Turritopsis Dohrnii Teo En Ming

Link: [1]https://www.tecmint.com/initial-server-setup-with-centos-rhel-8/

1. `https://www.tecmint.com/initial-server-setup-with-centos-rhel-8/`

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How to Configure and Manage the Firewall on CentOS 8 (2020-08-17 20:54) - Turritopsis Dohrnii Teo En Ming

Link: [1]https://linuxize.com/post/how-to-configure-and-manage-firewall-on- centos-8/

1. `https://linuxize.com/post/how-to-configure-and-manage-firewall-on-centos-8/`

How to configure a static IP address on RHEL 8 / CentOS 8 Linux (2020-08-17 20:53) - Turritopsis Dohrnii Teo En Ming

Link: [1]https://linuxconfig.org/rhel-8-configure-static-ip-address

1. `https://linuxconfig.org/rhel-8-configure-static-ip-address`

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Managing Users & Groups, File Permissions & Attributes and Enabling sudo Access on Accounts – Part 8 (2020-08-17 20:51) - Turritopsis Dohrnii Teo En Ming

Link: [1]https://www.tecmint.com/manage-users-and-groups-in-linux/

1. https://www.tecmint.com/manage-users-and-groups-in-linux/

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How much money would you really get from President Trump's unemployment benefit?

(2020-08-17 20:47) - Turritopsis Dohrnii Teo En Ming

Link: [1]https://www.cnet.com/personal-finance/how-much-money-would-you-rea lly-get-from-president-trumps-unemployment-benefit/

1. https://www.cnet.com/personal-finance/how-much-money-would-you-really-get-from-president-trumps-unemployment-benefit/

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Forum: Workforce composition in banks needs to be examined (2020-08-17 20:42) - Turritopsis Dohrnii Teo En Ming

Link: [1]https://www.straitstimes.com/forum/workforce-composition-in-bank s-needs-to-be-examined

1. https://www.straitstimes.com/forum/workforce-composition-in-banks-needs-to-be-examined

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Facebook Post by Joel Liong (2020-08-17 20:40) - Turritopsis Dohrnii Teo En Ming

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Facebook Post by Klein Yeoman (2020-08-17 20:38) - Turritopsis Dohrnii Teo En Ming

Facebook Post by Lawrence Tan (2020-08-17 20:34) - Turritopsis Dohrnii Teo En Ming

Lawrence Tan

Have heard so many horror stories. Hers is not the worst. One local bank actually told the HR to separate the locals and foreigners. And when she submitted, the boss asked her which is the local pile and he promptly threw it in the bin. A friend working for a recruitment agency was told to take all the Singaporean resumes and shred it and to leave no evidence of any locals applying and then the company told MOM that no locals applied for the job and produced only the resumes of the foreigners. Soon the 61% will also lose their jobs to foreigners and then they will know the pain.

5m Wow Reply 4

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Facebook Post by Joanna Yeoh (2020-08-17 20:32) - Turritopsis Dohrnii Teo En Ming

Joanna Yeoh · 2nd
Talent Solutions for Start-Ups | #auntyrocksstartups
3d · Edited ·

This struggle is real for many of us who've worked in **#consulting** or **#banking** in **#singapore**.

It's a sad day when citizens face discrimination for jobs in their own country. When you have to hire a Singaporean to improve diversity.

While we welcome diversity and foreign investments into Singapore, the scale has been tipped against locals for a while now.

In the last decade as a senior HR leader, I've had bosses who "strongly recommended" that I look at CVs of foreigners when I had already interviewed qualified locals for an open role.

I've been called out for insubordination when I insisted on building a Singapore core of PMETs within the company.

I've sat through Succession Planning panels where expatriate Directors openly say that "No Asian will lead in this place; it'll be a disaster!"(P/S: I resigned from that job almost immediately leaving a large bonus behind)

And walked into meetings where business conversations are carried out in Hindi and I'm the only Singaporean in the room.

I have, and will continue, to hire qualified foreigners for roles in **#singapore**.

All I ask is that employers give Singaporeans a fair chance by actively seeking, interviewing and fairly evaluating local candidates too.

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12 Things You Didn’t Know About Singaporean Socialite Kim Lim (2020-08-17 20:29) - Turritopsis Dohrnii Teo En Ming

Link: [1]https://www.womensweekly.com.sg/gallery/great-women/real-life/8- things-you-didnt-know-about-singaporean-socialite-kim-lim/

1. https://www.womensweekly.com.sg/gallery/great-women/real-life/8-things-you-didnt-know-about-singaporean-socialite-kim-lim/

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Tiong Bahru 4-room flat with 51-year lease left sold for $1.1m (2020-08-17 20:28) - Turritopsis Dohrnii Teo En Ming

Link: [1]https://www.asiaone.com/money/tiong-bahru-4-room-flat-51-year-le ase-left-sold-11m

1. `https://www.asiaone.com/money/tiong-bahru-4-room-flat-51-year-lease-left-sold-11m`

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Japan aims to send flying cars into Tokyo skies in only three years (2020-08-17 20:27) - Turritopsis Dohrnii Teo En Ming

Link: [1]https://www.zdnet.com/article/japan-aims-to-send-flying-cars-int o-tokyos-skies-in-only-three-years/

1. https://www.zdnet.com/article/japan-aims-to-send-flying-cars-into-tokyos-skies-in-only-three-years/

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For six months, security researchers have secretly distributed an Emotet vaccine across the world

(2020-08-17 20:22) - Turritopsis Dohrnii Teo En Ming

Link: [1]https://www.zdnet.com/article/for-six-months-security-researchers- have-secretly-distributed-an-emotet-vaccine-across-the-world/

1. https://www.zdnet.com/article/for-six-months-security-researchers-have-secretly-distributed-an-emotet-vaccine-across-the-world/

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FBI and NSA expose new Linux malware Drovorub, used by Russian state hackers (2020-08-17 20:14) - Turritopsis Dohrnii Teo En Ming

Link: [1]https://www.zdnet.com/article/fbi-and-nsa-expose-new-linux-malware -drovorub-used-by-russian-state-hackers/

1. https://www.zdnet.com/article/fbi-and-nsa-expose-new-linux-malware-drovorub-used-by-russian-state-hackers/

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I discovered a bug in the no-ip dynamic dns free hostname auto renewal/confirmation script written by loblab (2020-08-17 20:00) - Turritopsis Dohrnii Teo En Ming

Subject: I discovered a bug in the no-ip dynamic dns free hostname auto renewal/confirmation script written by loblab

Good day from Singapore,

Programming code troubleshooting person: Mr. Turritopsis Dohrnii Teo En Ming (Targeted Individual)
Country: Singapore
Date: 15 to 16 August 2020 Singapore Time (Saturday and Sunday)

My IT consulting company in Singapore asked me to install a Linux virtual machine so that we can run no-ip dynamic dns free hostname auto renewal/confirmation script written by loblab. I am an IT consultant in Singapore, 42 years old as of 16 Aug 2020.

I am not a Python or Java programmer or software developer. The last time I had formal training in structured C programming (not C++ objected oriented programming) was more than 20 years ago at Singapore Polytechnic (Diploma in Mechatronics Engineering course year 1995-1998). Although I am not a programmer or software developer, I can still more or less understand the flow of programming code.

I chose Debian 10.5 64-bit Linux to install as my virtual machine/guest operating system because loblab mentioned that his scripts have been tested on Debian 9.x/10.x. But first I have to install VMware Workstation Pro 15.5.6 in my Ubuntu 18.04.3 LTS Linux desktop operating system. The iso file I downloaded is debian-10.5.0-amd64-netinst.iso.

The virtual network adapter in my Debian 10.5 Linux virtual machine was configured to use Network Address Translation (NAT). You can verify the IP address of your VM with the following Linux commands:

$ ip a

$ ip route

Give your Debian 10.5 Linux VM at least 2 GB of RAM.

After installing Debian 10.5 Linux virtual machine (minimal installation with SSH server and standard system utilities), I need to do a few more things, as follows.

apt install sudo

usermod -aG sudo teo-en-ming

groups teo-en-ming

So that I can sudo as a regular Linux user.

apt install git

Then I downloaded the no-ip ddns free hostname auto renewal/confirmation script using git clone.

Software: Script to auto renew/confirm noip.com free hosts
Download link: https://github.com/loblab/noip-renew
Programmer: loblab

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I believe programmer loblab is based in China.

The version of the scripts I downloaded is 1.1 dated 18 May 2020.

The composition of the software is 58.4 % Python programming language, 36 % Linux shell scripts, and 5.6 % Dockerfile.

I tried to run setup.sh Linux shell script and choose "Install/Repair Script". But I found out that nothing is being installed in /usr/local/bin after a few installation attempts.

I thought the scripts/installation were being blocked by AppArmor, so I went to disable AppArmor using the following Linux commands.

```
$ sudo mkdir -p /etc/default/grub.d
$ echo 'GRUB _CMDLINE _LINUX _DEFAULT=" $GRUB _CMDLINE _LINUX _DEFAULT apparmor=0"' \
| sudo tee /etc/default/grub.d/apparmor.cfg
$ sudo update-grub
$ sudo reboot

$ aa-enabled
$ sudo aa-status
```

But AppArmor is NOT the cause of the problem.

I began to examine the Python programming code and Linux shell scripts.

For the setup.sh script, when you choose "Install/Repair Script", it will call the installer() function. Inside the installer() function, it will call the following functions, in sequence:

config(), install(), deploy()

When the install() function was called, it tried to execute the following Linux command:

$SUDO apt -y install chromium-browser # Update Chromium Browser or script won't work.

Executing the above Linux command resulted in an ERROR because Debian 10.5 Linux does not have the chromium-browser software package. Instead it has the chromium package.

When the above error is encountered, the installer script ABORTED PREMATURELY and could not continue running. The installer script could not run to completion. This is the bug.

To fix the bug, I have to COMMENT OUT/DISABLE the following line in setup.sh script:

$SUDO apt -y install chromium-browser # Update Chromium Browser or script won't work.

And add the following line below the above-mentioned line:

$SUDO apt -y install chromium

It fixed the bug. I ran setup.sh script again, choose "Install/Repair Script", and the installer ran to completion. Finally the scripts are installed in /usr/local/bin.

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Please DO NOT add your no-ip account password to noip-renew.sh script manually in plain text because it has to be Base64 encoded/encrypted. If you add your no-ip account password directly to noip-renew.sh script, you will get an "Incorrect Padding" Python programming base64 error code.

You need to supply the no-ip account password when you run the installer script. When the installer script calls the deploy() function, it will also call the noip() function.

The noip() function is as follows:

```
function noip() {
echo "Enter your No-IP Account details..."
read -p ’Username: ’ uservar
read -sp ’Password: ’ passvar

passvar=‘echo -n $passvar | base64‘
echo

$SUDO sed -i ’s/USERNAME=".*"/USERNAME="’ $uservar’"/1’ $INSTEXE
$SUDO sed -i ’s/PASSWORD=".*"/PASSWORD="’ $passvar’"/1’ $INSTEXE
}
```

Observe that it will use base64 encoding to encrypt your supplied no-ip account password in /usr/local/bin/noip-renew- $USER.

When you run the noip-renew.sh script, it will call the noip-renew.py python script.

Inside the noip-renew.py python script, the code is as follows:

```
def login(self):
self.logger.log(f"Opening {Robot.LOGIN _URL }...")
self.browser.get(Robot.LOGIN _URL)
if self.debug > 1:
self.browser.save _screenshot("debug1.png")

self.logger.log("Logging in...")
ele _usr = self.browser.find _element _by _name("username")
ele _pwd = self.browser.find _element _by _name("password")
ele _usr.send _keys(self.username)
ele _pwd.send _keys(base64.b64decode(self.password).dec ode(’utf-8’))
self.browser.find _element _by _name("Login").click()
if self.debug > 1:
time.sleep(1)
self.browser.save _screenshot("debug2.png")
```

The python script will use base64 decoding to decode your encrypted no-ip account password when it tries to login to noip.com portal.

When you run the setup.sh installer script, it will also install/copy the noip-renew.sh script as /usr/local/bin/noip-renew- $USER or /usr/local/bin/noip-renew-teo-en-ming in my case. The /usr/local/bin/noip-renew- $USER script is the script you should normally run.

You should then install the following crontab (scheduled task) using crontab -e:

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30 0 * * * /usr/local/bin/noip-renew- $USER /var/log/noip-renew/ $USER

You can verify your crontab (scheduled task) is installed by running

$ crontab -l

The scheduled task will run at 12.30 AM at midnight every day.

You should also check the logs at /var/log/noip-renew/ $USER

This essay also serves as a tutorial on how to use the no-ip ddns free hostname auto renewal/confirmation script since there is a lack of detailed documentation.

REFERENCES
==========

[1] [1]https://lists.debian.org/debian-user/2020/08/msg00556.html

[2] [2]http://lists.linuxfromscratch.org/pipermail/lfs-chat/2020-August/02914 6.html

[3] [3]https://mail.python.org/pipermail/python-list/2020-August/898248.html

[4] [4]https://marc.info/?l=python-list &m=159759242308109 &w=2

1. https://lists.debian.org/debian-user/2020/08/msg00556.html
2. http://lists.linuxfromscratch.org/pipermail/lfs-chat/2020-August/029146.html
3. https://mail.python.org/pipermail/python-list/2020-August/898248.html
4. https://marc.info/?l=python-list&m=159759242308109&w=2

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FREE Meals Every Day at Selected Coffee Shop and Food Court Stalls from 16 Aug to 15 Nov 2020 to Help the Needy in Singapore (2020-08-16 20:33) - Turritopsis Dohrnii Teo En Ming

Subject: FREE Meals Every Day at Selected Coffee Shop and Food Court Stalls from 16 Aug to 15 Nov 2020 to Help the Needy in Singapore

Reporting by Turritopsis Dohrnii Teo En Ming
16 Aug 2020 Sunday

This evening a kind 74-year old auntie told me there's FREE meals to help the needy in Singapore. She gave me a lot of information.

This is an initiative by Toa Payoh Methodist Church (TPMC). TPMC Gives 2020.

From 16 August to 15 November 2020, you can get a free meal at selected coffee shop and food court stalls every day.

I am not sure whether the scheme is limited to Toa Payoh only or available all over Singapore.

Each stall will serve up to 50 free meals every day.

Each person is entitled to one meal. Dine in only. No take away.

No conditions and no strings attached. No questions asked.

If you see the stickers and posters below, simply ask for your free meal.

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I discovered a bug in the no-ip dynamic dns free hostname auto renewal/confirmation script written by loblab (2020-08-16 18:20) - Turritopsis Dohrnii Teo En Ming

Subject: I discovered a bug in the no-ip dynamic dns free hostname auto renewal/confirmation script written by loblab

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groups teo-en-ming

So that I can sudo as a regular Linux user.

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Download link: https://github.com/loblab/noip-renew
Programmer: loblab

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I thought the scripts/installation were being blocked by AppArmor, so I went to disable AppArmor using the following Linux commands.

```
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$ echo 'GRUB _CMDLINE _LINUX _DEFAULT=" $GRUB _CMDLINE _LINUX _DEFAULT apparmor=0"' \
| sudo tee /etc/default/grub.d/apparmor.cfg
$ sudo update-grub
$ sudo reboot

$ aa-enabled
$ sudo aa-status
```

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```
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echo "Enter your No-IP Account details..."
read -p ’Username: ’ uservar
read -sp ’Password: ’ passvar

passvar=‘echo -n $passvar | base64‘
echo

$SUDO sed -i ’s/USERNAME=".*"/USERNAME="’ $uservar’"/1’ $INSTEXE
$SUDO sed -i ’s/PASSWORD=".*"/PASSWORD="’ $passvar’"/1’ $INSTEXE
}
```

Observe that it will use base64 encoding to encrypt your supplied no-ip account password in /usr/local/bin/noip-renew- $USER.

When you run the noip-renew.sh script, it will call the noip-renew.py python script.

Inside the noip-renew.py python script, the code is as follows:

```
def login(self):
self.logger.log(f"Opening {Robot.LOGIN _URL }...")
self.browser.get(Robot.LOGIN _URL)
if self.debug > 1:
self.browser.save _screenshot("debug1.png")

self.logger.log("Logging in...")
ele _usr = self.browser.find _element _by _name("username")
ele _pwd = self.browser.find _element _by _name("password")
ele _usr.send _keys(self.username)
ele _pwd.send _keys(base64.b64decode(self.password).dec ode(’utf-8’))
self.browser.find _element _by _name("Login").click()
if self.debug > 1:
time.sleep(1)
self.browser.save _screenshot("debug2.png")
```

The python script will use base64 decoding to decode your encrypted no-ip account password when it tries to login to noip.com portal.

When you run the setup.sh installer script, it will also install/copy the noip-renew.sh script as /usr/local/bin/noip-renew- $USER or /usr/local/bin/noip-renew-teo-en-ming in my case. The /usr/local/bin/noip-renew- $USER script is the script you should normally run.

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30 0 * * * /usr/local/bin/noip-renew- $USER /var/log/noip-renew/ $USER

You can verify your crontab (scheduled task) is installed by running

$ crontab -l

The scheduled task will run at 12.30 AM at midnight every day.

You should also check the logs at /var/log/noip-renew/ $USER

This essay also serves as a tutorial on how to use the no-ip ddns free hostname auto renewal/confirmation script since there is a lack of detailed documentation.

REFERENCES
==========

[1] [1]https://lists.debian.org/debian-user/2020/08/msg00556.html

[2] [2]http://lists.linuxfromscratch.org/pipermail/lfs-chat/2020-August/02914 6.html

1. `https://lists.debian.org/debian-user/2020/08/msg00556.html`
2. `http://lists.linuxfromscratch.org/pipermail/lfs-chat/2020-August/029146.html`

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Is OpenVPN based on SSL VPN? (2020-08-15 22:50) - Turritopsis Dohrnii Teo En Ming

Subject: Is OpenVPN based on SSL VPN?

Good day from Singapore,

I have a question.

Is OpenVPN based on SSL VPN?

I am looking forward to hearing from you soon.

Thank you very much.

REFERENCES

==========

[1] [1]https://sourceforge.net/p/openvpn/mailman/message/37086020/

[2] [2]https://marc.info/?l=openvpn-users &m=159750151423999 &w=2

1. `https://sourceforge.net/p/openvpn/mailman/message/37086020/`
2. `https://marc.info/?l=openvpn-users&m=159750151423999&w=2`

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Teo En Ming's Learning Achievements on 14 August 2020 Friday (2020-08-14 22:02) - Turritopsis Dohrnii Teo En Ming

Subject: Teo En Ming's Learning Achievements on 14 August 2020 Friday

[1] Activate Cisco AnyConnect SSL VPN License on Cisco ASA 5506-X Firewall

Today I discovered that the base license for Cisco ASA 5506-X Firewall only allows maximum 2 SSL VPN users. I had to login to [1]https://www.cisco.com/go/license, assign the PAK/token to the serial number of Cisco ASA 5506-X firewall and perform a license request to Cisco. After receiving the Product Authorization Key from Cisco, I had to activate it on the Cisco ASA 5506-X firewall using the following CLI commands:

enable

config t

activation-key 12345678 12345678 12345678 12345678 12345678

The number of AnyConnect Premium Peers has been increased from 2 to 50 after license activation.

[2] Configuring NIC teaming/bonding on CentOS 8.2 (2004) Linux Server

Today I had to configure NIC teaming/bonding on CentOS 8.2 (2004) Linux Server. The server hardware is Dell PowerEdge R640 with 2x 10GE NIC ports and 6x 1GE NIC ports. NIC teaming/bonding was configured using 2x 10GE NIC ports.

All I had to do is to follow the following reference guide.

Reference Guide: How to Configure NIC Teaming on CentOS 8 / RHEL 8

Link: [2]https://www.linuxtechi.com/configure-nic-teaming-centos-8-rhel-8/

In my situation, the network interfaces used in the NIC teaming/bonding are eno1 and eno2. Both are 10 Gigabit per second.

REFERENCES

==========

[1] [3]http://lists.linuxfromscratch.org/pipermail/lfs-chat/2020-August/02914 5.html

1. https://www.cisco.com/go/license
2. https://www.linuxtechi.com/configure-nic-teaming-centos-8-rhel-8/
3. http://lists.linuxfromscratch.org/pipermail/lfs-chat/2020-August/029145.html

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Configuring Fortigate 60D Firewall (PART 2) (2020-08-12 22:48) - Turritopsis Dohrnii Teo En Ming

Subject: Configuring Fortigate 60D Firewall (PART 2)

Author: Mr. Turritopsis Dohrnii Teo En Ming (Targeted Individual)

Country: Singapore

Date: 12 August 2020 Wednesday Singapore Time

Type of Publication: PDF Manual

Fortigate firewall appliances are based on Linux Kernel and open source software.

OBJECTIVE

=========

To relocate the Wireless Access Point (AP) from LAN zone to DMZ zone.

Redundant Google Drive download links for Teo En Ming's PDF manual:

[1] [1]https://drive.google.com/file/d/14Xbn3bPxCwqyVirtjGuWGTzVw _PfGJkU/view?usp=sharing

[2] [2]https://drive.google.com/file/d/1-nV6NQ3UdOLaM-sutCEranw-o2Nt37n6/view?u sp=sharing

[3] [3]https://drive.google.com/file/d/1-fuG _WE _0VYC3B6tMf9B9xw0fSbISfpL/view?usp=sharing

[4] [4]https://drive.google.com/file/d/1GZIjaHEabJeo62WFsiz3oynBE0y6rY-S/view ?usp=sharing

[5] [5]https://drive.google.com/file/d/1zVuqdHKLG1nrEpORv6IS2fXMY4dxv0Kq/view ?usp=sharing

[6] [6]https://drive.google.com/file/d/1RCfubBOkW13uokOlZj7ZO3UzCKTwA40R/view ?usp=sharing

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[1] [7]http://lists.linuxfromscratch.org/pipermail/lfs-chat/2020-August/02914 4.html

1. https://drive.google.com/file/d/14Xbn3bPxCwqyVirtjGuWGTzVw_PfGJkU/view?usp=sharing
2. https://drive.google.com/file/d/1-nV6NQ3UdOLaM-sutCEranw-o2Nt37n6/view?usp=sharing
3. https://drive.google.com/file/d/1-fuG_WE_0VYC3B6tMf9B9xw0fSbISfpL/view?usp=sharing
4. https://drive.google.com/file/d/1GZIjaHEabJeo62WFsiz3oynBE0y6rY-S/view?usp=sharing
5. https://drive.google.com/file/d/1zVuqdHKLG1nrEpORv6IS2fXMY4dxv0Kq/view?usp=sharing
6. https://drive.google.com/file/d/1RCfubBOkW13uokOlZj7ZO3UzCKTwA40R/view?usp=sharing
7. http://lists.linuxfromscratch.org/pipermail/lfs-chat/2020-August/029144.html

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[Sharing] CentOS 8.2 (2004) Linux Server is Compatible with Dell PowerEdge R640 1U Server

(2020-08-12 21:54) - Turritopsis Dohrnii Teo En Ming

Subject: [Sharing] CentOS 8.2 (2004) Linux Server is Compatible with Dell PowerEdge R640 1U Server

Good day from Singapore,

I have just installed CentOS 8.2 (2004) Linux Server on Dell PowerEdge R640 1U Server for "Donald Trump and Xi Jinping Investment Company LLP" (fictitious/fictional company name used) in Singapore on 11 August 2020 Tuesday.

I can confirm that CentOS 8.2 (2004) is compatible with Dell PowerEdge R640.

The hardware specifications of Dell PowerEdge R640 are:

(1) Processor: Intel Xeon Silver 4210R CPU @ 2.40 GHz (10 cores, 20 threads)

(2) 128 GB DDR4-2400 RAM (8 pieces of 16 GB RAM, all 8 slots filled up)

(3) PERC H740P Mini RAID Controller

(4) 2 units of 960 GB SATA 6 Gbps SSD in RAID 1 configuration

(5) Network Ports:

4 x 1 GbE

2 x 10 GbE + 2 x 1 GbE

Just sharing only.

REFERENCES

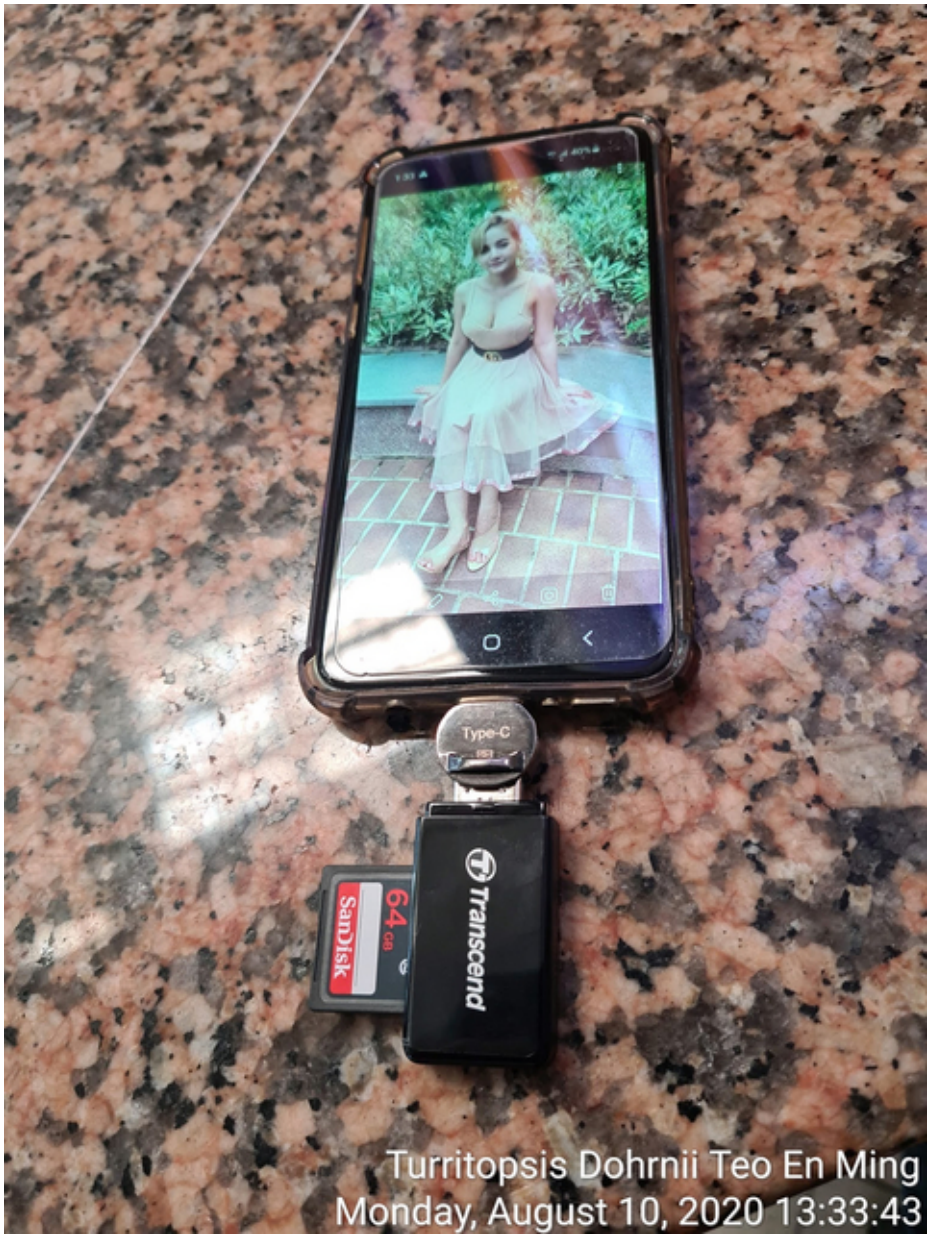
==========

[1] [1]https://lists.centos.org/pipermail/centos/2020-August/351345.html

1. https://lists.centos.org/pipermail/centos/2020-August/351345.html

How to Access Photos and Videos Stored on Your Camera SD Card on Your Android Phone

(2020-08-11 22:52) - Turritopsis Dohrnii Teo En Ming



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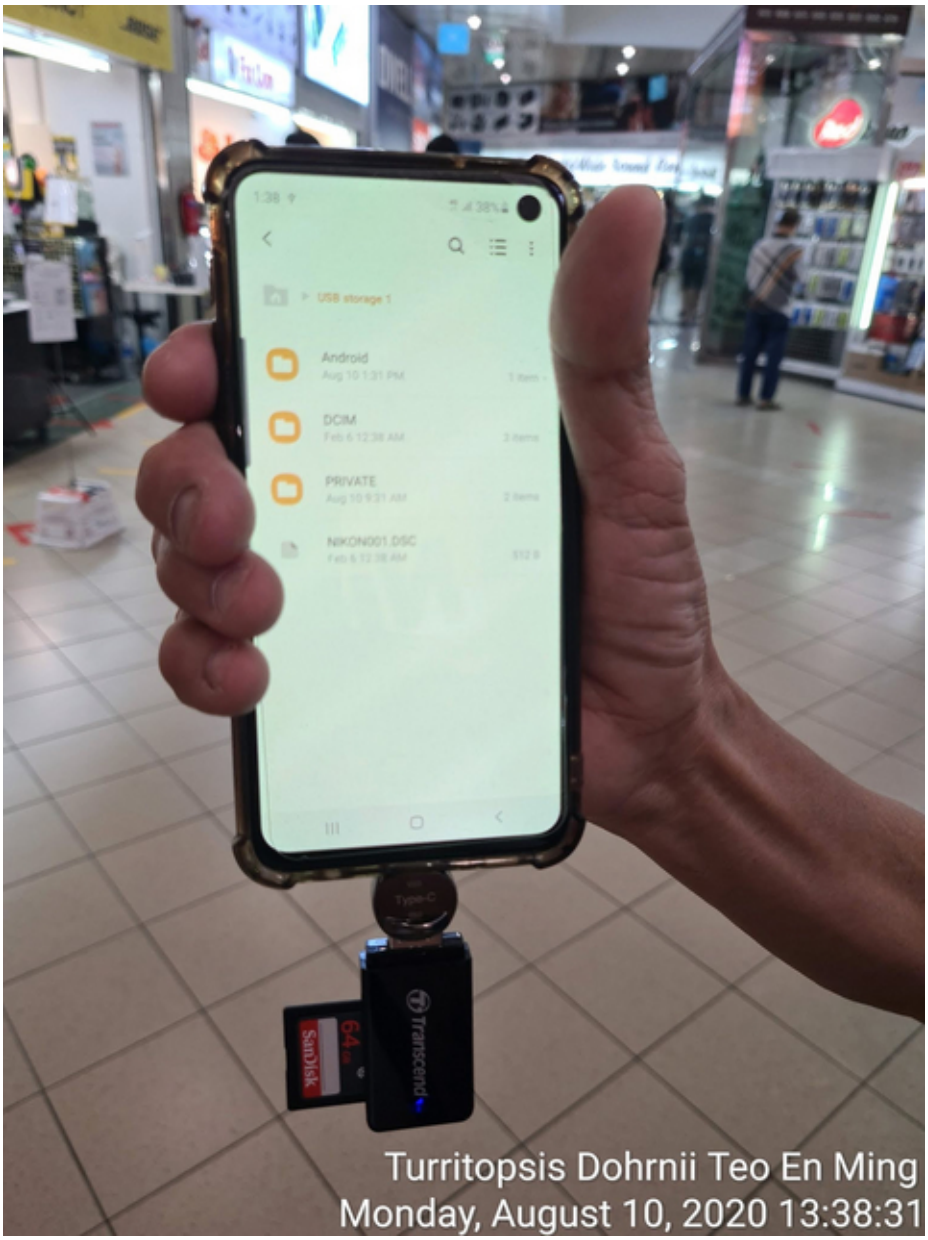

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How to Setup TWO DMZ Zones (DMZ1 and DMZ2) on the Cisco ASA 5506-X Firewall

(2020-08-11 22:46) - Turritopsis Dohrnii Teo En Ming

Subject: How to Setup TWO DMZ Zones (DMZ1 and DMZ2) on the Cisco ASA 5506-X Firewall

Author: Mr. Turritopsis Dohrnii Teo En Ming (Targeted Individual)

Country: Singapore, Singapore, Singapore

Date: 11 August 2020 Tuesday Singapore Time

Type of Publication: Plain Text

Cisco ASA firewall appliances are based on open source software.

Reference Guide: Cisco ASA DMZ Configuration Example

Link: https://www.speaknetworks.com/cisco-asa-dmz-configuration-example/

Cisco ASA CLI commands:

interface GigabitEthernet1/6

description to DMZ1

nameif dmz1

security-level 50

ip address 192.168.1.1 255.255.255.0

interface GigabitEthernet1/7

description to DMZ2

nameif dmz2

security-level 50

ip address 192.168.2.1 255.255.255.0

nat (dmz1,outside) after-auto source dynamic any interface

nat (dmz2,outside) after-auto source dynamic any interface

object network DMZ1SERVER-EXT

host <public WAN IP address #1>

object network DMZ1SERVER-INT

host 192.168.1.10

nat (dmz1,outside) static DMZ1SERVER-EXT service tcp ssh ssh

access-list OUTSIDE extended permit tcp any object DMZ1SERVER-INT eq ssh

access-group OUTSIDE in interface outside

object network DMZ2SERVER-EXT

host <public WAN IP address #2>

object network DMZ2SERVER-INT

host 192.168.2.10

nat (dmz2,outside) static DMZ2SERVER-EXT service tcp ssh ssh

access-list OUTSIDE extended permit tcp any object DMZ2SERVER-INT eq ssh

access-group OUTSIDE in interface outside

copy run start

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Additional Learning Material

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Reference Guide: Remote Access IPsec VPNs

Link: https://www.cisco.com/c/en/us/td/docs/security/asa/asa95/configuration/vpn/as a-95-vpn-config/vpn-remote-access.html

REFERENCES

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[2] [2]http://lkml.iu.edu/hypermail/linux/kernel/2008.1/02682.html

[3] [3]https://marc.info/?l=linux-kernel &m=159715651214069 &w=2

[4] [4]https://lwn.net/ml/linux-kernel/5bbe3ed461b0f0da8a39a7eb5416749f %40teo-en-ming.com/

[5] [5]http://lists.linuxfromscratch.org/pipermail/lfs-chat/2020-August/02914 3.html

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2. http://lkml.iu.edu/hypermail/linux/kernel/2008.1/02682.html
3. https://marc.info/?l=linux-kernel&m=159715651214069&w=2
4. https://lwn.net/ml/linux-kernel/5bbe3ed461b0f0da8a39a7eb5416749f%40teo-en-ming.com/
5. http://lists.linuxfromscratch.org/pipermail/lfs-chat/2020-August/029143.html

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Teo En Ming's Blog Book (Version 9 August 2020) Available for Download (2020-08-09 15:50) - Turritopsis Dohrnii Teo En Ming

Subject: Teo En Ming's Blog Book (Version 9 August 2020) Available for Download

Redundant Google Drive download links:

[1] [1]https://drive.google.com/file/d/118ENmJk5SwZsCOcoOamjt5GFhKwHgTDx/view ?usp=sharing

[2] [2]https://drive.google.com/file/d/1rgjtaI4pGyxCNCI-t7FC-6XNuTDDGUHd/view ?usp=sharing

[3] [3]https://drive.google.com/file/d/1M42ZrYlQT8xSvRjmp7Utjt62CJZqunQT/view ?usp=sharing

[4] [4]https://drive.google.com/file/d/1CsL4FhUSByksHA2ECzeyp7LFoGeep09E/view ?usp=sharing

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3. https://drive.google.com/file/d/1M42ZrYlQT8xSvRjmp7Utjt62CJZqunQT/view?usp=sharing
4. https://drive.google.com/file/d/1CsL4FhUSByksHA2ECzeyp7LFoGeep09E/view?usp=sharing
5. https://drive.google.com/file/d/1P0icT4_TBwqbrE8xyAGz3Kuw67fEPWY6/view?usp=sharing
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Man in China Lived Until 500 Years Old? (2020-08-08 22:48) - Turritopsis Dohrnii Teo En Ming

Subject: [Gaia.com] Did This Man Live To Be 256 Years Old?

Li Ching-Yuen, a 7-ft tall herbalist and Qigong practitioner, died in 1933.

Investigators found birth records attesting that he was born in 1677, making him 256 years old.

Li himself said he was born in 1734, which would make him 197 at the time of his death.

At age 10, Li began work as an herbalist, foraging for his own wares.

He ate a diet of mostly herbs, goji berries, and rice wine.

Li claimed he learnt his herb based diet and special Qigong exercises from a 500-year-old man.

In 1749, at 71 years old, he joined the Chinese army as a martial arts instructor.

According to his obituary, he married 23 times and produced over 200 descendants.

When asked about his secret to longevity, he said:

"Keep a quiet heart, sit like a tortoise, walk sprightly like a pigeon and sleep like a dog."

Li’s last words were:

"I have done all that I have to do in this world."

Link: [1]https://m.facebook.com/story.php?story _fbid=3451108381586495 &id=182073298490036

1. `https://m.facebook.com/story.php?story_fbid=3451108381586495&id=182073298490036`

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Teo En Ming's Guide to Upgrading Firmware and Performing Basic Configuration of Fortigate 60D Firewall Appliance (2020-08-08 12:29) - Turritopsis Dohrnii Teo En Ming

Subject: Teo En Ming's Guide to Upgrading Firmware and Performing Basic Configuration of Fortigate 60D Firewall Appliance

Author: Mr. Turritopsis Dohrnii Teo En Ming (Targeted Individual)

Country: Singapore

Date: 8th August 2020 Saturday Singapore Time

Version: 20200808.01

INTRODUCTION

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I think this is the first time I have prepared a PDF manual with not only screenshots and photos, but text explanation as well. In the past, I have prepared lots of PDF manuals with only screenshots and photos and without any text explanation. You can search for all of my PDF manuals on my blogs. The links to my RAID 1 mirroring redundant blogs are:

[1]https://tdtemcerts.blogspot.sg

[2]https://tdtemcerts.wordpress.com

I placed an order for my SGD $157 refurbished Fortigate 60D firewall appliance on 1st August 2020 Saturday at 7:47 PM Singapore Time. The seller is in Japan. I must say that FedEx international shipping from Japan to Singapore is very fast. I received my Fortigate 60D firewall appliance in Singapore on 4th August 2020 Tuesday at 12 noon Singapore Time. It took only 4 days for my Fortigate 60D to be shipped from Japan to Singapore.

Fortigate firewall appliances are based on the Linux Kernel and open source software.

Redundant Google Drive download links for Teo En Ming's PDF Manual:

[1] [3]https://drive.google.com/file/d/1PBjobvMhLzWysT2snEysF1TDeDtAWW4M/view ?usp=sharing

[2] [4]https://drive.google.com/file/d/1z _Mii63vJfVCRONvPz3uRnp8u11ZYqNK/view?usp=sharing

[3] [5]https://drive.google.com/file/d/1aSreo6WndsQR3Ph6eCxJopVwYev0XVNh/view ?usp=sharing

[4] [6]https://drive.google.com/file/d/1oIYdOuvVeWDk9HEyLd-davkRoyOO92os/view ?usp=sharing

[5] [7]https://drive.google.com/file/d/1sGFq8GycVe0 _5fCHRnBad4sM2WYiqgwK/view?usp=sharing

[6] [8]https://drive.google.com/file/d/1Xn6gnhapo6hNcwrSUM9oTpXrLNaLdH2j/view ?usp=sharing

I will be performing advanced configuration of my Fortigate 60D firewall soon. Do check out my blogs in the future.

REFERENCES

==========

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[2] [10]http://lkml.iu.edu/hypermail/linux/kernel/2008.1/00001.html

[3] [11]https://marc.info/?l=linux-kernel &m=159686010004629 &w=2

[4] [12]https://lwn.net/ml/linux-kernel/8fa8c9cba2fbb35dab621a42ffd03151 %40teo-en-ming.com/

[5] [13]http://lists.linuxfromscratch.org/pipermail/lfs-chat/2020-August/0291 42.html

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3. https://drive.google.com/file/d/1PBjobvMhLzWysT2snEysF1TDeDtAWW4M/view?usp=sharing
4. https://drive.google.com/file/d/1z_Mii63vJfVCRONvPz3uRnp8u11ZYqNK/view?usp=sharing

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13. http://lists.linuxfromscratch.org/pipermail/lfs-chat/2020-August/029142.html

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Teo En Ming's Guide on Basic Configuration of Cisco ASA 5505 Firewall (2020-08-03 23:00) - Turritopsis Dohrnii Teo En Ming

Subject: Teo En Ming's Guide on Basic Configuration of Cisco ASA 5505 Firewall

Author: Mr. Turritopsis Dohrnii Teo En Ming (Targeted Individual)
Country: Singapore
Date Published: 3rd August 2020 Monday Singapore Time
Type of Publication: PDF manual

Cisco ASA firewall appliances use open source software.

Cisco Adaptive Security Appliance Software, version 9.8
Copyright (c) 1996-2019 by Cisco Systems, Inc.
For licenses and notices for open source software used in this product, please visit
http://www.cisco.com/go/asa-opensource

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[1] [1]https://drive.google.com/file/d/1-YTN _PQxE5uBjuDlEsirzNETXo62H4Gc/view?usp=sharing

[2] [2]https://drive.google.com/file/d/1J19bw0pV5PF _fOalaQ9QkW0uX2XlskXK/view?usp=sharing

[3] [3]https://drive.google.com/file/d/12P-pVWJNIZ4BJpi044PflqoDAg8UDVl9/view?u sp=sharing

[4] [4]https://drive.google.com/file/d/1VNoEkdVNyIx43YkeZMM0Lrux51GyDDst/view ?usp=sharing

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Total number of pages: 52

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[2] [8]http://lkml.iu.edu/hypermail/linux/kernel/2008.0/01526.html

[3] [9]https://marc.info/?l=linux-kernel &m=159646534907812 &w=2

[4] [10]https://lwn.net/ml/linux-kernel/5139ed4ecddea2c71db969418d0ad864 %40teo-en-ming.com/

[5] [11]http://lists.linuxfromscratch.org/pipermail/lfs-chat/2020-August/0291 41.html

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2. https://drive.google.com/file/d/1J19bw0pV5PF_fOalaQ9QkW0uX2XlskXK/view?usp=sharing
3. https://drive.google.com/file/d/12P-pVWJNIZ4BJpi044PflqoDAg8UDVl9/view?usp=sharing
4. https://drive.google.com/file/d/1VNoEkdVNyIx43YkeZMM0Lrux51GyDDst/view?usp=sharing
5. https://drive.google.com/file/d/1eUFHZ5MihrgSxIMfnAqRNls48ib5g3vW/view?usp=sharing

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6. https://drive.google.com/file/d/1Gqqn-d7sMxT7a57ItEzDwqiKxBNkXsc-/view?usp=sharing
7. https://lkml.org/lkml/2020/8/3/839
8. http://lkml.iu.edu/hypermail/linux/kernel/2008.0/01526.html
9. https://marc.info/?l=linux-kernel&m=159646534907812&w=2
10. https://lwn.net/ml/linux-kernel/5139ed4ecddea2c71db969418d0ad864%40teo-en-ming.com/
11. http://lists.linuxfromscratch.org/pipermail/lfs-chat/2020-August/029141.html

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Teo En Ming's Guide to Configuring SSL VPN for Cisco ASA 5506-X Firepower Firewall with Let's Encrypt SSL Certificates, LDAP/Active Directory Primary Authentication and Duo 2FA Secondary Authentication (2020-08-03 18:55) - Turritopsis Dohrnii Teo En Ming

Subject: Teo En Ming's Guide to Configuring SSL VPN for Cisco ASA 5506-X Firepower Firewall with Let's Encrypt SSL Certificates, LDAP/Active Directory Primary Authentication and Duo 2FA Secondary Authentication

Author: Mr. Turritopsis Dohrnii Teo En Ming (Targeted Individual)
Country: Singapore
Date Published: 3rd August 2020 Monday Singapore Time
Type of Publication: Plain Text

INTRODUCTION
==========

Cisco ASA firewall appliances use open source software.

Cisco Adaptive Security Appliance Software, version 9.8
Copyright (c) 1996-2019 by Cisco Systems, Inc.
For licenses and notices for open source software used in this product, please visit
http://www.cisco.com/go/asa-opensource

The basic configuration of the Cisco ASA 5506-X Firepower firewall was completed by a previous IT consultant previously (date unknown), so I shall not cover it here. I will cover configuration of the Cisco ASA 5506-X Firepower firewall from Phase 1 onwards, as described below.

The Cisco ASA 5506-X Firepower firewall costs about SGD $1000 in Singapore, with refurbished units costing around SGD $500.

PHASE 1: Basic Configuration of SSL VPN on Cisco ASA 5506-X Firepower Firewall
========== =====

Reference Guide: Cisco ASA Anyconnect Remote Access VPN
Link: https://networklessons.com/cisco/asa-firewall/cisco-asa-anyconnect-remote-acces s-vpn

Cisco ASA firewall CLI commands:

enable

config t

You can download Cisco AnyConnect Secure Mobility Client version 3.1.03103 at the following link.

http://www.firewall.cx/downloads/doc _details/98-anyconnect-secure-mobility-client-win-mac-linux.html?tmpl=componen t

Install Filezilla FTP server on the Active Directory Domain Controller.

Create ftp username "anonymous" with empty password.

copy ftp://anonymous@<IP address of FTP server>/ anyconnect-win-3.1.03103-k9.pkg

delete flash:filename.pkg

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config t

webvpn

anyconnect image flash:/anyconnect-win-3.1.03103-k9.pkg

enable outside

anyconnect enable

sysopt connection permit-vpn

http redirect OUTSIDE 80

ip local pool VPN _POOL 192.168.168.100-192.168.168.200 mask 255.255.255.0

192.168.168.0 is the VPN Pool.

access-list SPLIT _TUNNEL standard permit 192.168.1.0 255.255.255.0

192.168.1.0 is the inside network behind the Cisco ASA firewall.

group-policy ANYCONNECT _POLICY internal

group-policy ANYCONNECT _POLICY attributes

vpn-tunnel-protocol ssl-client ssl-clientless

split-tunnel-policy tunnelspecified

split-tunnel-network-list value SPLIT _TUNNEL

dns-server value 8.8.8.8

webvpn

anyconnect keep-installer installed

anyconnect ask none default anyconnect

anyconnect dpd-interval client 30

exit

tunnel-group MY _TUNNEL type remote-access

tunnel-group MY _TUNNEL general-attributes

default-group-policy ANYCONNECT _POLICY

address-pool VPN _POOL

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exit

tunnel-group MY _TUNNEL webvpn-attributes

group-alias TEO _EN _MING _CORPORATION _SSL _VPN _USERS enable

username teo-en-ming password password

username teo-en-ming attributes

service-type remote-access

copy run start

PHASE 2: Installing 90-day Free Let's Encrypt SSL Certificate on Cisco ASA 5506-X Firepower Firewall SSL VPN
==========
==========

show flash

Check for asdm-xxx.bin

Go to https://<IP address of Cisco ASA 5506-X firewall>

Install Java Web Start

Install ASDM Launcher

On the Cisco ASDM:

Device IP address / Name: <private IP address of Cisco ASA 5506-X firewall>
Username: <empty>
Password: cisco <default password>

Follow the rest of the instructions at the following link.

Reference Guide: INSTALLING A FREE CERTIFICATE ON A CISCO ASA FIREWALL FOR ANY-CONNECT
Link: https://www.ipconfigz.com/installing-a-free-certificate-on-a-cisco-asa-firewall -for-anyconnect/

copy run start

config t

pager 0

show run

PHASE 3: Configure LDAP/Active Directory Primary Authentication for Cisco ASA 5506-X SSL VPN
==========
==========

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Reference Guide: Configure LDAP Authentication for WebVPN Users
Link: https://www.cisco.com/c/en/us/support/docs/security/asa-5500-x-series-next-ge neration-firewalls/98625-asa-ldap-authentication.html

dsquery user -samid administrator
"CN=Administrator,CN=Users,DC=teo-en-ming-corp,DC=com"

enable

configure terminal

aaa-server LDAP _SRV _GRP protocol ldap

aaa-server LDAP _SRV _GRP (inside _1) host <private IP address of AD DC server>

ldap-base-dn dc=teo-en-ming-corp,dc=com

ldap-login-dn cn=ldapadmin,cn=users,dc=teo-en-ming-corp,dc=com

ldap-login-password password

ldap-naming-attribute sAMAccountName

ldap-scope subtree

server-type microsoft

exit

tunnel-group MY _TUNNEL general-att

authentication-server-group LDAP _SRV _GRP

Testing LDAP Authentication in Phase 3
==========

debug ldap 255

test aaa-server authentication LDAP _SRV _GRP host <IP address of AD DC server> username administrator password password

Troubleshooting for Phase 3
==========

[1] Troubleshooting LDAP Connections to Active Directory Using Apache Directory Studio
Link: https://www.jamf.com/jamf-nation/articles/224/troubleshooting-ldap-connections- to-active-directory-using-apache-directory-studio

[2] Cisco – LDAP AAA Error ‘AAA Server has been removed”
Link: https://www.petenetlive.com/KB/Article/0001271

[3] ASA 9.8, Bridge groups, and LDAP authentication
Link: https://www.reddit.com/r/Cisco/comments/80qezi/asa _98 _bridge _groups _and _ldap _authentication/

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In this discussion, a Cisco ASA software bug has been found which prevents the Cisco ASA firewall from communicating with the LDAP server/Active Directory Domain Controller. To resolve this issue, a firmware upgrade is required.

PHASE 4: How to Install Duo 2FA Secondary Authentication for Cisco ASA 5506-X SSL VPN
==========
========

Follow the Duo Authentication setup instructions at the following link.

Reference Guide: Cisco ASA SSL VPN for Browser and AnyConnect
Link: https://duo.com/docs/ciscoasa-ldap

Then follow the guide below.

Reference Guide: CISCO ASA Enable DNS Lookup Problem
Link: https://community.cisco.com/t5/network-security/cisco-asa-enable-dns-lookup-pro blem/td-p/1764736

conf t

dns domain-lookup Outside

dns server-group DefaultDNS

name-server 8.8.8.8

name-server 8.8.4.4

exit

Phase 5: Upgrade Firmware and ASDM of Cisco ASA 5506-X Firepower Firewall
==========

copy run start

Follow the rest of the instructions at the following link.

Reference Guide: ASA 9.x : Upgrade a Software Image using ASDM or CLI Configuration Example
Link: https://www.cisco.com/c/en/us/support/docs/security/asa-5500-x-series-next-ge neration-firewalls/200142-ASA-9-x-Upgrade-a-Software-Image-using.html

Phase 6: Configure NAT Exemption on the Cisco ASA 5506-X Firewall
==========

Why do we need to configure NAT exemption on the Cisco ASA 5506-X Firepower firewall? Because otherwise, the Cisco AnyConnect Secure Mobility Client cannot access the remote LAN
behind the Cisco ASA firewall.

access-list NAT-EXEMPT extended permit ip 192.168.1.0 255.255.255.0 192.168.168.0 255.255.255.0

object network obj-vpn _ip _address _pool

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subnet 192.168.168.0 255.255.255.0

nat (inside _1,outside) source static any any destination static obj-vpn _ip _address _pool obj-vpn _ip _address _pool

no access-list SPLIT _TUNNEL standard permit 192.168.1.0 255.255.255.0

MUST READ ARTICLES FOR PHASE 6
==========

[1] Quick guide: AnyConnect Client VPN on Cisco ASA 5505
Link: https://www.techrepublic.com/blog/smb-technologist/quick-guide-anyconnect-clien t-vpn-on-cisco-asa-5505/

QUOTE:

"Do not use the same subnet as your inside network. So, if you're using 192.168.100.0/24 for the inside, use 192.168.104.0/24 for your VPN pool."

[2] How to configure NAT Exemption in version 8.3 for VPN in Cisco ASA?
Link: http://networkqna.com/how-to-configure-nat-exemption-in-version-8-3-for-vpn-in- cisco-asa/

Phase 7: Configuring Dynamic DNS (DDNS)
==========

The Cisco ASA 5506-X Firepower Firewall does not support Dynamic DNS update using the HTTP POST method. The Cisco ASA only supports DDNS update using the Internet Engineering Task Force (IETF) method.

Since the Cisco ASA does not support the HTTP Post method, it CANNOT work with NO-IP and DynDNS DDNS service providers.

The following are the results of my research on the Internet:

[01] With its sole reliance on the IETF method, websites such as DynDns.org cannot be updated using the ASA, however support has been added for HTTPS using port 443.

Link: https://www.globalknowledge.com/ca-en/resources/resource-library/articles/imple menting-dynamic-dns-on-cisco-ios-router-and-asa/

[02] If you're asking if you can get the ASA5505 to "register" with dyndns, the answer is no. Howeve, it appears that someone got a feature request added, though, under Cisco BugID CSCsl46782 . (If you don't have a Cisco service contract, you can't view the details). However, it looks like it has an extremely low priority and I wouldn't expect it to be added anytime soon.

Link: https://serverfault.com/questions/272825/dyndns-updating-ip-address-via-cisco -asa-5505

PROPOSED WORKAROUND SOLUTION FOR PHASE 7
==========

I would propose installing Dynamic DNS updater client software on AD DC server or any of your office computers which are permanently powered on.

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ACTUAL SOLUTION FOR PHASE 7
==========

Sign up for free No-IP account.

Create hostname teo-en-ming-corp.ddns.net, and point it to public IP address of the Cisco ASA firewall.

Install no-ip dynamic update client (duc) in any 24x7 computer behind the Cisco ASA firewall.

Create DNS CNAME record sslvpn.teo-en-ming-corp.com and point it to teo-en-ming-corp.ddns.net

Phase 8: Synchronizing Users from Active Directory to Duo
==========

Follow the setup instructions at the following link.

Reference Guide: Synchronizing Users from Active Directory
Link: https://duo.com/docs/adsync

dsquery user -samid teoenming
"CN=Turritopsis Dohrnii Teo En Ming,OU=Users,OU=Singapore,DC=teo-en-ming-corp,DC=com"

Phase 9: Enrolling Users at Duo
==========

Reference Guide: Enrolling Users at Duo
Link: https://duo.com/docs/enrolling-users

Duo Admin Panel Login
Link: https://admin.duosecurity.com/

Phase 9 is the final phase.

===EOF===

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==========

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[4] [4]https://lwn.net/ml/linux-kernel/151ee41881749de4afc3e67a967e6156 %40teo-en-ming.com/

[5] [5]http://lists.linuxfromscratch.org/pipermail/lfs-chat/2020-August/02914 0.html

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2. http://lkml.iu.edu/hypermail/linux/kernel/2008.0/00978.html

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5. http://lists.linuxfromscratch.org/pipermail/lfs-chat/2020-August/029140.html

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1.6 July

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[PDF Manual Part 3] Configuring pfSense Firewall, Squid Proxy Server, and ClamAV to Scan Internet Traffic for Malware (2020-07-31 22:39) - Turritopsis Dohrnii Teo En Ming

Subject: [PDF Manual Part 3] Configuring pfSense Firewall, Squid Proxy Server, and ClamAV to Scan Internet Traffic for Malware
========== -
==========

Just sharing my knowledge and experience.

Author: Mr. Turritopsis Dohrnii Teo En Ming (Targeted Individual)
Country: Singapore
Date: 31 July 2020 Friday Singapore Time

Redundant Google Drive download links [of the PDF manual]:

[1] [1]https://drive.google.com/file/d/1PjWwBj963L9lpu8hOan7hbTEEQMRi-U9/view ?usp=sharing

[2] [2]https://drive.google.com/file/d/1pY1R6qhUfiFSjE3FiszQrwQhPuzFtYMx/view ?usp=sharing

[3] [3]https://drive.google.com/file/d/1tfyMC9svG2LmqPrFq6CdGHA38wFCLFQv/view ?usp=sharing

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[6] [6]https://drive.google.com/file/d/1vEtTGKd4BFMLBxXUTBg4MGMw6qc _Qe99/view?usp=sharing

If you are interested in Part 1 and Part 2 of the PDF manual series, you may search for them in my redundant RAID 1 mirroring blogs (links in my signature below).

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10. https://marc.info/?l=clamav-users&m=159621029824142&w=2

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Super Healthy Diet: Nonya Fish with Rice SGD$11 (2020-07-31 22:36) - Turritopsis Dohrnii Teo En Ming

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PDF Manual Part 3: Configuring pfSense Firewall, Squid Proxy Server, and ClamAV to Scan Internet Traffic for Malware (2020-07-31 15:30) - Turritopsis Dohrnii Teo En Ming

PDF Manual Part 3: Configuring pfSense Firewall, Squid Proxy Server, and ClamAV to Scan Internet Traffic for Malware
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Author: Turritopsis Dohrnii Teo En Ming
Date: 31 July 2020 Friday Singapore Time

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PDF Manual Part 2: Teo En Ming's Extra pfSense Firewall Configuration (2020-07-31 15:28) - Turritopsis Dohrnii Teo En Ming

PDF Manual Part 2: Teo En Ming's Extra pfSense Firewall Configuration
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Objective: To enable port scan detections

Author: Turritopsis Dohrnii Teo En Ming
Date: 31 July 2020 Friday Singapore Time

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[3] [3]https://drive.google.com/file/d/1TCemE8kmB5JqgWa8Oo9NNhDX2s6cmGBQ/view ?usp=sharing

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Teo En Ming's PDF Manual: How to Install and Configure pfSense Firewall and Snort Intrusion Prevention System (IPS) for AMD Athlon 3000G DIY Desktop PC (2020-07-31 14:00) - Turritopsis Dohrnii Teo En Ming

Subject: Teo En Ming's PDF Manual: How to Install and Configure pfSense Firewall and Snort Intrusion Prevention System (IPS) for AMD Athlon 3000G DIY Desktop PC

Teo En Ming's PDF Manual: How to Install and Configure pfSense Firewall and Snort Intrusion Prevention System (IPS) for AMD Athlon 3000G DIY Desktop PC

PUBLISHED 5 APRIL 2020 SUNDAY 1:30 PM SINGAPORE TIME

SINGAPORE

This PDF manual consists of 124 pages and is about 148 MB in filesize. It shows you how to self assemble a brand new AMD Athlon 3000G desktop PC, install and configure pfSense firewall community edition version 2.4.5 and subsequently install and configure Snort Intrusion Prevention System (IPS). I have spent SGD $276 in total doing this exercise.

Redundant Google Drive download links for Teo En Ming's PDF manual:

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[YouTube] EP151 (2020-07-31 13:56)

- Turritopsis Dohrnii Teo En Ming

IFRAME: [1]https://www.youtube.com/embed/Q _K44rF5xVY

1. `https://www.youtube.com/embed/Q_K44rF5xVY`

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[Gaia.com] Did This Man Live To Be 256 Years Old? (2020-07-31 13:54) - Turritopsis Dohrnii Teo En Ming

Subject: [Gaia.com] Did This Man Live To Be 256 Years Old?

Li Ching-Yuen, a 7-ft tall herbalist and Qigong practitioner, died in 1933.

Investigators found birth records attesting that he was born in 1677, making him 256 years old.

Li himself said he was born in 1734, which would make him 197 at the time of his death.

At age 10, Li began work as an herbalist, foraging for his own wares.

He ate a diet of mostly herbs, goji berries, and rice wine.

Li claimed he learnt his herb based diet and special Qigong exercises from a 500-year-old man.

In 1749, at 71 years old, he joined the Chinese army as a martial arts instructor.

According to his obituary, he married 23 times and produced over 200 descendants.

When asked about his secret to longevity, he said:

"Keep a quiet heart, sit like a tortoise, walk sprightly like a pigeon and sleep like a dog."

Li’s last words were:

"I have done all that I have to do in this world."

Link: [1]https://m.facebook.com/story.php?story _fbid=3451108381586495 &id=182073298490036

1. `https://m.facebook.com/story.php?story_fbid=3451108381586495&id=182073298490036`

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[31 July 2020 Fri] Toa Payoh Lorong 4 Chicken Chop SGD$9.50 (2020-07-31 13:53) - Turritopsis Dohrnii Teo En Ming

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[Gaia.com] Did This Man Live To Be 256 Years Old? (2020-07-31 11:15) - Turritopsis Dohrnii Teo En Ming

Subject: [Gaia.com] Did This Man Live To Be 256 Years Old?

Li Ching-Yuen, a 7-ft tall herbalist and Qigong practitioner, died in 1933.

Investigators found birth records attesting that he was born in 1677, making him 256 years old.

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"Keep a quiet heart, sit like a tortoise, walk sprightly like a pigeon and sleep like a dog."

Li’s last words were:

"I have done all that I have to do in this world."

Link: [1]https://m.facebook.com/story.php?story _fbid=3451108381586495 &id=182073298490036

1. https://m.facebook.com/story.php?story_fbid=3451108381586495&id=182073298490036

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[Best Value for Money] Sim Lim Square Chicken Chop SGD$5.90 (2020-07-31 11:14) - Turritopsis Dohrnii Teo En Ming

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[29 Jul 2020 Wed] Orchard Road Walking Exercises: 2.74 km in 30 mins (2020-07-29 23:14) - Turritopsis Dohrnii Teo En Ming

Subject: [29 Jul 2020 Wed] Orchard Road Walking Exercises: 2.74 km in 30 mins

On 29 Jul 2020 Wednesday, I, Mr. Turritopsis Dohrnii Teo En Ming, have walked 2.74 km in 30 mins.

My fasting blood glucose readings after the walking exercise is — mmol/L.

My blood pressure readings after the walking exercise is —.

I have been doing consistent walking exercises for a few years until suspension on 13 April 2020. I resumed/restarted walking exercises on 2 June 2020.

I would like to continue doing walking exercises every day for at least 45 mins to one hour or more until I am 14 BILLION years old. I need to have determination and perseverance in doing walking exercises every day to keep fit and healthy until I am 14 BILLION years old. I want to live until 14 BILLION years old.

I cannot run or jog because of early onset of osteoarthritis (wear and tear) of both knees at 40 years old. As of 29 Jul 2020, I am 42 years old. I have the capability to walk up to 17 km in one day.

YouTube video: Why You Should Start Walking Every Day

Link: [1]https://www.youtube.com/watch?v=lkgXUCgskz0

YouTube video: [Chinese Song and Music Video] (Accurate translation: I really wish to live for another 500 years) in "The Era of Emperor Kangxi" TV drama.

Link: [2]https://www.youtube.com/watch?v= _rA9r7QHPig

I think I am recovering from the side effects of lovastatin.

1. https://www.youtube.com/watch?v=lkgXUCgskz0
2. https://www.youtube.com/watch?v=_rA9r7QHPig

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[29 Jul 2020 Wed] Bedok Central Hawker Center Chicken Chop $6.50 (2020-07-29 23:11) - Turritopsis Dohrnii Teo En Ming

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[29 Jul 2020 Wed] Super Healthy Diet: Sambal Kang Kong with Rice $4.50 (2020-07-29 23:09) - Turritopsis Dohrnii Teo En Ming

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[27 Jul 2020 Mon] Orchard Road Walking Exercises: 3.78 km in 1 hour (2020-07-27 22:27) - Turritopsis Dohrnii Teo En Ming

Subject: [27 Jul 2020 Mon] Orchard Road Walking Exercises: 3.78 km in 1 hour

On 27 Jul 2020 Monday, I, Mr. Turritopsis Dohrnii Teo En Ming, have walked 3.78 km in 1 hour.

My fasting blood glucose readings after the walking exercise is — mmol/L.

My blood pressure readings after the walking exercise is —.

I have been doing consistent walking exercises for a few years until suspension on 13 April 2020. I resumed/restarted walking exercises on 2 June 2020.

I would like to continue doing walking exercises every day for at least 45 mins to one hour or more until I am 14 BILLION years old. I need to have determination and perseverance in doing walking exercises every day to keep fit and healthy until I am 14 BILLION years old. I want to live until 14 BILLION years old.

I cannot run or jog because of early onset of osteoarthritis (wear and tear) of both knees at 40 years old. As of 27 Jul 2020, I am 42 years old. I have the capability to walk up to 17 km in one day.

YouTube video: Why You Should Start Walking Every Day

Link: [1]https://www.youtube.com/watch?v=lkgXUCgskz0

YouTube video: [Chinese Song and Music Video] (Accurate translation: I really wish to live for another 500 years) in "The Era of Emperor Kangxi" TV drama.

Link: [2]https://www.youtube.com/watch?v= _rA9r7QHPig

I think I am recovering from the side effects of lovastatin.

1. `https://www.youtube.com/watch?v=lkgXUCgskz0`
2. `https://www.youtube.com/watch?v=_rA9r7QHPig`

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[Super Healthy Diet] Affordable Sambal Kang Kong with Rice for Only $4.50 (2020-07-27 22:22) - Turritopsis Dohrnii Teo En Ming

I finally found an affordable and super healthy sambal kang kong with rice at Bedok Central Hawker Center on 27 July 2020 Monday.

Sambal Kang Kong SGD $4.00
Rice SGD $0.50

Total SGD $4.50

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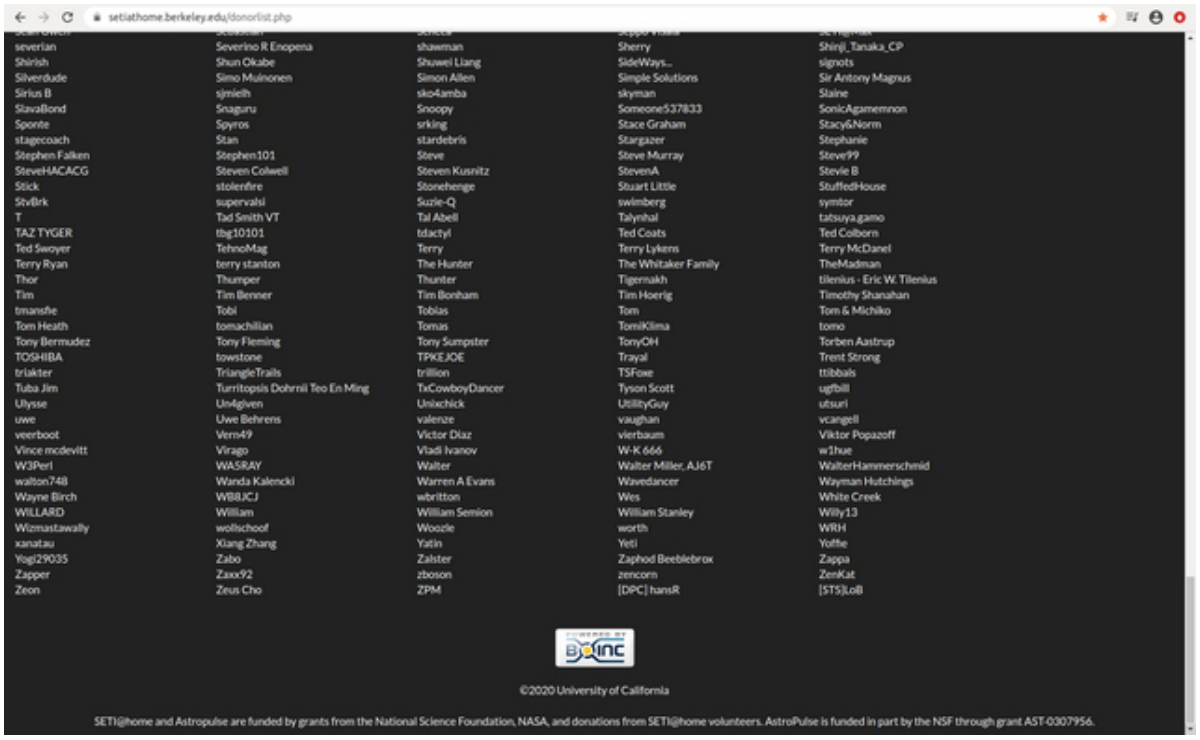
Teo En Ming's Donations to SETI@home (2020-07-21 22:24) - Turritopsis Dohrnii Teo En Ming



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Cisco ASA firewall appliances use open source software (2020-07-20 23:42) - Turritopsis Dohrnii Teo En Ming

Subject: Cisco ASA firewall appliances use open source software

Cisco Adaptive Security Appliance Software, version 9.8
Copyright (c) 1996-2019 by Cisco Systems, Inc.
For licenses and notices for open source software used in this product, please visit
http://www.cisco.com/go/asa-opensource

Mr. Turritopsis Dohrnii Teo En Ming is a Singaporean Targeted Individual, age 42 years old as of 20 July 2020 Monday Singapore Time.

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[YouTube] PAP Supporter Tells Why PAP Lost So Many Votes at GE2020 (2020-07-20 23:37) - Turritopsis Dohrnii Teo En Ming

Roy Ngerng's YouTube video:

IFRAME: [1]https://www.youtube.com/embed/EEkYgzkfZr4

1. `https://www.youtube.com/embed/EEkYgzkfZr4`

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How to get brand/model and serial number of your laptop (2020-07-20 23:22) - Turritopsis Dohrnii Teo En Ming

wmic csproduct get name

wmic bios get serialnumber

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Awakening of a Singaporean? (2020-07-19 21:28) - Turritopsis Dohrnii Teo En Ming

I am sharing a Facebook post by a Facebook user, as follows:

"After reading the article on “I am a Seng Kang voter” and many other articles on MSM, I had some reflections. For your information, I voted PAP all my life as I was having good job and pay. I never told all my friends who I voted, I pretended I don’t really care about who wins, as long as my estate is well managed and water still flows.

Actually I am quite aware of whats going on in Singapore, we are surely moving to 6.9M or even 10M, it will come. I believe that Singapore is a small country and we need more people to consume so that the country will become prosperous with GDP growth. Of course, I know whatever the government says or hints, it will happen and we citizens no matter how much we complain or do those feedback, they will still do what they want to do.

I worked for IT MNC, I was middle management. Over the years, the company had imported so many foreigners that now more than half were foreigners and most are with PRs or new citizenships. It did not affect my job, I collected by five figure a month happily. However, last year the management changed, CECA imported aka new citizen became my boss.

And to cut the story short, that was end of my career, I was pushed to limits and pressure forced me to resign. And my replacement, you know better. I quitted my job believing that my knowledge and skills would easily get me another one somewhere. Days turns into months and I remained unemployed since. I used to think people who voted oppositions are those complaint kings who are lazy and instead of upgrading, they complain and complain; in my eyes these people are standard opposition supporters. I went to WSG and E2i events, for your information, they are useless for PMETs, they just want you to rewrite CVs or do some low level menial jobs meant for lower secondary education. Sometimes I wonder why experienced and knowledgeable PMETs like us need to go upgrade to do a low level job while these third world imports get high level jobs and live in condos?

This whole event changed my world and life. Like those sheep at CHC, I was in rude awakening, it took me time to reflect all these years of blind faith and voting PAP, the trusted brand which keeps saying, ”With you, for you” every GE and leave no one behind. I applied for jobs, most middle level jobs, you have at least 500 – 1500 applicants, many are foreigners, fighting for one vacancy. So I finally know what is like to be unemployed, I could not imagine how these foreigners are all here competing with locals.

This election, I turned against PAP, the reason is obvious. After many decades of voting PAP, this is my first time voting WP. I had blindly trusted PAP for too long, too comfortable with my good job and pay. I never really believed this 6.9M or 10M is going to affect me. Now I had to caution all the local PMETs reading this to forward to all other PMETs who maybe sleeping or used to having blind faith like me. If we do not stand up to PAP earlier, eventually we will be hit or our next generations will be hit.

The MSM largely avoided the harsh truths of why voters are turning against PAP, they are skirting answers because they want to keep us dumb. I only changed my vote after I was hit. I agreed with most of the reasons listed by Seng Kang voter, he got it right. I am one of the blind faith and I know many of us are fearful of repercussion or change.

Will PAP change? Honestly, it will not, unless someone new is going to take over and overhaul the system. The plan for 6.9M is certainly on, I believe they will pretend to listen but will still do the same. So the Seng Kang voter is right, we expect them to continue to import more foreigners and convert, redrawing boundaries, more CPF changes and blood sucking policies.

I had trusted them for far too long, and I am asking all of you who have not woken up to start thinking and till the next GE, we should all go out and vote oppositions to stop them from destroying our lives and country our forefathers built. Remember these foreigners did not build this country, they came in on VIP tickets, our

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lunches are served on them. So for the sake of our future and next generation, we need to vote more oppositions or end up like me."

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Rocket engine start sequence (2020-07-19 21:27) - Turritopsis Dohrnii Teo En Ming

Rocket engine start sequence:

CEH, MAIN, BUS, TDK, SP, CAR, AWE, FBI

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Turritopsis Dohrnii Teo En Ming's Marketable Infocomm Technology (ICT) Skillset (Nov 2017 to 19 Jul 2020) (2020-07-19 17:19) - Turritopsis Dohrnii Teo En Ming

Subject: Turritopsis Dohrnii Teo En Ming's Marketable Infocomm Technology (ICT) Skillset (Nov 2017 to 19 Jul 2020)

Mr. Turritopsis Dohrnii Teo En Ming is an IT Consultant in Singapore.

This list is prepared on 19th Jul 2020 Sunday 4.45 PM Singapore Time.

This list is NOT exhaustive and could be incomplete. More ICT skills will be added in the future.

Section A: Turritopsis Dohrnii Teo En Ming's Infocomm Technology (ICT) Skillset (15 Jun 2020 to 19 Jul 2020)
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1. Configuring Cisco ASA 5506-X Firepower firewall SSL VPN with 90-day free Let's Encrypt SSL certificates, LDAP/Active Directory primary authentication, Duo 2FA secondary authentication, and NAT Exemption (allow SSL VPN client to access remote LAN behind ASA firewall).

2. Upgrading firmware of Cisco ASA 5506-X Firepower firewall.

3. Upgrading ASDM of Cisco ASA 5506-X Firepower firewall.

4. Installing Dynamic DNS (DDNS) update client on client computer behind Cisco ASA firewall.

5. Installing Cisco Anyconnect VPN client.

6. Making modifications in Fortigate firewalls.

7. Configuring FortiClient VPN.

8. Allowing IP address and MAC address in Squid advanced filtering proxy in IPCOP Linux firewall.

9. Creating Group Policy Object (GPO) in Active Directory Domain Controller to block Microsoft Office macros.

10. Changing ownership of files and folders in Ubuntu Linux server.

11. Activating and renewing license for Eset File Security and Eset Endpoint Antivirus.

12. Troubleshooting Microsoft Outlook issues.

13. Troubleshooting Remote Desktop Connection issues.

14. Troubleshooting Teamviewer issues.

15. Troubleshoot document scanning issues.

16. Troubleshoot Microsoft Office issues.

17. Troubleshoot computer performance issues.

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18. Troubleshoot VPN connectivity issues, e.g. FortiClient VPN.
19. Use sfc /scannow to scan for and repair Windows system file corruption.
20. Use dism /online /cleanup-image /restoreheath to repair Windows image.
21. Troubleshooting IMAP and POP3 issues.
22. Troubleshoot display issues.
23. Grant user domain administrator rights to install software and drivers.
24. Using Outlook to archive emails.
25. Releasing email from quarantine in Sophos UTM9 firewall.
26. Troubleshoot sending and receiving emails on smartphones.
27. Renew and install IdenTrust TrustID email software certificate.
28. Troubleshoot network printer issues.
29. Troubleshoot printing issues.
30. Block email addresses in Office 365 spam filter block list.
31. Troubleshoot IIS web server issues.
32. Map network drives on macOS using smb://IP address/Shares/.
33. Scanning for and removing malware.
34. Troubleshoot print to PDF issues.
35. Checking Windows Event Viewer logs.
36. Scanning for bad sectors.
37. Setting up brand new laptops and joining domain.
38. Troubleshoot computer hardware issues.
39. Add email account on iPad.
40. Troubleshoot File Server issues.
41. Adding new user and also resetting password in Active Directory.
42. Map network drives in Windows.
43. Installing printer driver.

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44. Performing System Restore.

45. Resetting Windows.

46. Running gpupdate /force.

47. Running psexec to execute commands remotely on Windows machines.

48. Unlocking user account in Active Directory Domain Controller.

49. Troubleshoot Apache web server issues.

50. Checking Server Message Block (SMB) versions in Windows Server using PowerShell commands.

51. Troubleshooting software firewalls like Symantec Endpoint Protection and Eset File Security.

52. Installing Microsoft Office.

53. Configuring Outlook email client.

54. Installing Skype.

55. Installing Microsoft Teams.

56. Installing Zoom meeting software.

57. Changing system locale in Windows.

58. Troubleshoot Microsoft SQL Server issues.

59. Making IP address reservation in DHCP server scope in Windows Server 2016.

60. Analyzing email headers.

61. Block spammer IP address in GFI MailEssentials.

62. Troubleshooting Sender Policy Framework (SPF) issues.

63. Unjoining and rejoining domain.

64. Backing up data, deleting user profile and creating new user profile (need to signin to domain) on Windows.

65. Troubleshooting Citrix Workspace issues. Just need to reset password in one specific case.

66. Troubleshoot SMTP (outgoing mail server) issues.

67. Reset password in Office 365 Admin.

68. Troubleshoot file sharing permissions.

69. Configure user access to folders in File Server.

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70. Configuring default apps in Windows.

71. Blacklist IP address in SmarterMail Enterprise.

72. Troubleshoot Microsoft Teams meeting icon missing.

Section B: Turritopsis Dohrnii Teo En Ming's Infocomm Technology (ICT) Skillset (Feb 2019 to Jun 2019)
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1. Got SSL VPN to work on Watchguard Firebox T30 Firewall.

2. Installed 90-day free Let's Encrypt Certification Authority SSL certificate on Ubuntu 16.04 LTS /testing/ server for customer successfully.

3. Successfully setup Azure Active Directory Synchronization with Office 365 for Business.

4. Learnt setting up Ubiquiti Cloud Key Controller and UniFi Access Point in a Local Area Network (LAN).

5. Got Internet Protocol Security (IPsec) VPN to work on Fortinet Fortigate 60E Next Generation Firewall (NGFW).

6. Learnt Ping Plotter 5, which is a GUI frontend for traceroute(Linux)/tracert(Windows).

7. Learnt tcping command line utility.

8. Learnt Sophos Cloud and Sophos Endpoint Security (Sophos Intercept X Advanced).

9. Successfully setup Active Directory Domain Controller (testing only) for British-based company within a few hours. With Active directory users and security groups.

10. Installed Duplicati Backup 2.0.4.5 in Ubuntu 16.04 LTS Linux Server

11. Installed X Windowing server and GNOME desktop manager in Ubuntu 16.04 LTS Linux Server

sudo apt-get install xorg gnome

12. Installed 90-day free SSL cert on Internet Information Services 10 Web Server on Windows Server 2016 Standard.

13. Learnt a tiny wee bit (0.001 %) about Group Policy in Windows Servers (automatically map network drives/shared folders in computers and laptops that join Windows domains).

14. Learning how to deploy Fortigate-VM64 firewall virtual appliance in VMware Workstation Player from scratch (learning in progress).

15. Successfully deployed NextCloudPi VM Private Cloud Server in VMware ESXi 5.5.0 host (the user interface is a bit like Google Drive).

16. Successfully integrated NextCloud Private Cloud user authentication with LDAP/Active Directory.

17. Successfully implemented two-factor authentication (2FA) for NextCloud Private Cloud using TOTP.

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18. Successfully deployed FORTIGATE-VM64 virtual firewall appliance latest version 6.0.4 with only one firewall policy and one default static route.

19. Successfully implemented site-to-site IPsec VPN tunnel between Watchguard Firebox T30 Firewall (Headquarters) and Sophos UTM (SG) Firewall in the Cloud. IPsec Phase 1 and Phase 2 settings are all correct.

20. Successfully connected to Java Virtual Console in Dell IDRAC6 for Dell Enterprise Servers with Windows command batch file, Java JAR files, Java Dynamic Link Libraries and Java Runtime Environment 6 Update 45.

21. Successfully deployed NextCloud SME/Enterprise Appliance (based on Univention Corporate Server). Successfully integrated with non-UCS Microsoft Windows Active Directory.

22. Successfully deployed site-to-site IPsec VPN tunnel between two units of Fortigate-VM64 version 5.6.8 virtual firewall appliances and VMware Workstation Pro 15.0.4.

23. Activities on 11th April 2019
a. Configured Fortigate 90D firewall (firmware version 6.0.4) from scratch
b. Re-configured Cisco 881 Router
c. Re-configured 2X Cisco Catalyst 2960X switches
d. Re-configured 3X Cisco Aironet 1600 Wireless Access Points

24. Looked into /var/log/ on Ubuntu 16.04 LTS Server for customer

25. Successfully installed and configured automysqlbackup v3.0-rc6 on Ubuntu 16.04 LTS production server. Created cron jobs.

26. Successfully deployed ModSecurity 2.9.0 Web Application Firewall (WAF) in blocking mode on Ubuntu 16.04 LTS testing server.

27. Successfully implemented Two-factor Authentication for IPsec Remote Access VPN in Fortigate firewall.

28. Introduction to Deep Packet Inspection for firewalls, eg. ndpi-netfilter Linux Kernel module.

29. Learnt how to upgrade firmware for Watchguard Firebox T10 firewall.

30. Learnt Cobian 11 Gravity backup software for Windows.

31. Successfully configured HPE FlexNetwork MSR954-W router with basic routing and SSH access.

32. Successfully upgraded firmware of HPE FlexNetwork MSR954-W router from version 7.1.059 to 7.1.064 and enabled Web UI (https only).

33. Successfully configured Ubiquity Edge Router Lite 3 router from scratch.

34. Learnt a bit about Juniper Netscreen firewall.

35. Successfully configured Cisco 881 Router with DYNDNS Dynamic DNS Update from scratch.

36. Completed 2-hour Introduction to Fortinet and Fortigate Firewalls online course at Udemy with Certificate of Completion.

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37. Learnt that UniFi Cloud Key Controller is based on Debian Linux OS. UniFi Controller cannot start due to MONGODB database error. Solved by copying out backup config files using WINSCP, upgrading the firmware from 0.6 to 0.13.10, reset to factory defaults, and finally restoring backup config file.

38. Successfully integrated Fortigate 60E firewall with LDAP Server/Active Directory Domain Controller using regular binding.

39. Used Linux grep command and regular expressions to process MDaemon Email Server SMTP logs in Cygwin64 environment.

40. Brief introduction to PostgreSQL database server on Ubuntu Linux Customer Relationship Management (CRM) server.

41. Learnt how to launch Java Virtual Console on Dell IDRAC on Dell enterprise servers.

42. Successfully solved Ubiquiti Cloud Key Controller database error (Cloud Key is a Wireless Controller).

43. Successfully configured Huawei B315S-607 4G router for customer.

44. Successfully configured Ubiquiti EdgeRouter Lite 3 router.

45. Learnt command to check Active Directory user account password expiration date.

net user username /domain

46. Successfully installed macOS 10.14 Mojave virtual machine (using VMDK) on VMware Workstation Pro 15 on Windows 10 Pro laptop. Need to use macOS Unlocker to patch VMware Workstation Pro.

47. Successfully installed Ubiquiti UniFi Controller 5.10.24 software on Ubuntu 18.04 LTS server virtual machine on VMware ESXi 5.5 host. UniFi Controller is a Wireless Controller.

Section C: Turritopsis Dohrnii Teo En Ming's Infocomm Technology (ICT) Skillset (Nov 2017 to Nov 2018)
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Achievement No. 1
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Setting up my own Microsoft Exchange 2016 Cumulative Update 10 Email Server on-premise. It consists of one Domain Controller and a Domain Member Server.

Achievement No. 2
==========

Setting up my own cPanel Web Hosting Control Panel in Amazon Web Services (AWS) Cloud. It consists of two DNS-ONLY servers and one Virtual server.

Achievement No. 3
==========

Setting up my own Experimental e-Commerce Online Store using WooCommerce in Amazon Web Services (AWS) Cloud.

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Achievement No. 4
==========

Creating my own custom minimal Linux distribution from source code, dubbed Teo En Ming Extremely Simple Linux 1810.11.

YouTube video: https://www.youtube.com/watch?v=L5da1xdQ7Kw

Achievement No. 5
==========

Deployed Dell SonicWall TZ400 network security appliance for one customer at Ubi and Dell SonicWall TZ300 network security appliance for another customer at Tuas.

Achievement No. 6
==========

Deployed open source firewalls like pfSense Community Edition (comparable to commercial grade firewalls) and ipfire for myself.

Achievement No. 7
==========

Deployed an operational open source Snort Intrusion Prevention System (IPS) for myself.

Achievement No. 8
==========

Setting up SonicWall Global VPN for one customer at Ubi.

Achievement No. 9
==========

Setting up IPsec VPN, OpenVPN and PPTP VPN for a shipping company at Beach Road.

Achievement No. 10
==========

Installed Windows Server 2016 Standard on Lenovo System x 3250 M6 Server and HP Proliant DL360 Gen10 Server with RAID 1 and RAID 5 configurations.

Achievement No. 11
==========

Setting up Active Directory Domain Services, DNS Server and Windows File Sharing.

Achievement No. 12
==========

Deployed Ruckus Unleashed Network Wireless Access Points for customers at Tuas and a bungalow.

Achievement No. 13

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==========

Upgraded Symantec Endpoint Protection Manager (Management Console) from version 12.1 to 14.2.0 MP1 for a customer at Downtown Core.

Achievement No. 14
==========

Setting up Avast Business Antivirus Cloud Management Console and installing managed Avast Business Antivirus clients for a customer at Suntec City.

Achievement No. 15
==========

Experience with numerous Cloud Service Providers, e.g., Amazon Web Services, Google Cloud Platform, Microsoft Azure and Alibaba Cloud.

Achievement No. 16
==========

Some limited experience with open source Elastix Private Branch Exchange (PBX) Server for a customer at Senoko.

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Singaporeans are by and large timd and fearful sheep, they need a lot of courage to vote against PAP due to years of brainwashing in school or state controlled media. So to take one person to vote against PAP, the barrier is quite high. (2020-07-19 10:35) - Turritopsis Dohrnii Teo En Ming

QUOTE:

"Singaporeans are by and large timd and fearful sheep, they need a lot of courage to vote against PAP due to years of brainwashing in school or state controlled media. So to take one person to vote against PAP, the barrier is quite high."

Mr. Turritopsis Dohrnii Teo En Ming is also a Singaporean, but a Targeted Individual at that.

I am sharing a Facebook post by Facebook user Liew, as follows:

"Before this election, my ward is under Punggol East SMC which was won by Mr. Charles Chong. Before Charles Chong, the ward was under WP's Li Li Lian. When the ward was under WP, the area was very clean, the lifts especially. After Charles Chong took over, the area was dirtier than before I asked the cleaners, they told me the contractor reduced the manpower, putting less people but covering more blocks and the number was quite ridiculous. I never saw Mr Chong before he won Punggol East or after, he was never in the vicinity, his posters were there during the festive seasons, the same picture photo-shopped with different backgrounds. When PAP wards increased service and conservancy fees several times, I did not see any improvement in the cleanliness. I only saw the cleaners coming in lorry to clean the estate whenever there is assessment in town council cleanliness report cards, this is to me very wrong, they were playing the system.So if any voter tells you opposition can't run town council, don't let them bluff you.

The recent election, the PAP candidate came to knock on my door. I asked him about the 6.9M or 10M question, he did not have answers for me. The reason being, I know on my floor alone, there are four unemployed local PMETs, one end up as security guard, one driving PHV and they are like in their forties. Of course he asked me if they had gone to WSG or E2i, I told him they said they kept asking them to write CVs and still no job and finally told them to be security guard because it is better to be employed than to be jobless. So this PAP candidate looked really bad with no answers. I said I only saw you guys every five years, after this you will disappear and will come back next election, he looked as if resigned to my comment. He thanked me and left, without saying any advice or anything. Of course this is something he can't solve and will not solve, this is caused by the policies of his party he is planning to contest.

The day after losing Sengkang GRC, the state media is in swing to shape the reasons to why they lost, they are trying to plant reasons in the minds of future voters. Talking about no amenities and no coffee shops but avoided the key reasons to the loss. Basically what they wanted to do is shape the voters into focusing on upgrading infrastructure which PAP is always using to win votes. And the second day after the GE, state media is already talking about change to CPF to curb usage for buying property.

As a Sengkang voter, I am sharing my views on why they lost, it is little to do with Lam's PMD fiasco. It is real anger with PAP failed policies. If you look carefully, many wards nearly fell to the opposition, even strong hold like West Coast nearly falling to first time opposition PSP. Singaporeans are by and large timd and fearful sheep, they need a lot of courage to vote against PAP due to years of brainwashing in school or state controlled media. So to take one person to vote against PAP, the barrier is quite high.

The key reasons I could suggest are:

1. 6.9M/10M is too much for Singapore, many locals are finding hard to get jobs and job security is a big issue. At this stage, the government will not commit that they are not implementing it just like they said 6.9M is just a planning parameter. The government kept insisting that the door must remain open and let foreigners compete in all sectors. This explains why tourists are landing jobs and locals are taking months.

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2. Pro foreigner policies: Becoming very obvious and locals are often discriminated at work place or finding jobs when the hiring manager or the HR is a foreigner. Locals feel they are now the third class in their own backyard.

3. Public Housing getting really expensive: Most young people will need to carry twenty five years loan with no job security to secure a diminishing pigeon hole.

4. Alarming numbers of local PMETs becoming self employed as PHV drivers, Grab Food Deliveries, Real Estate Agents or Insurance Agent at relatively young age.

5. Cost of living is getting scary.

6. CPF changes are frequent and each change citizens end up losing more benefits or entrap.

7. Repressive law to curb freedom of speech and rights.

These are some major issues that I could relate.

I believe WP looks to be a promising party with good vision. Low retired at his peak to let new blood transits, he does not hold on to power. I had seen Pritam and him several times in Bedok Reservoir and Hougang, sometimes during weekend and week days, they really work very hard and very approachable. These MPs connect with the ground unlike PAP MPs, usually you never see them or they are the usual arrogant and snobbish like Josephine or Shamugam. Of course we know oppositions does not have real power to change thing but if they don’t grow, our situation will be even worst with one party absolute. There might be some inconvenience but for the greater good of Singaporean policies, you need a strong opposition that will help to air"

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Help! My home computer can’t play 8K videos smoothly and took 2 long hours to render a 4.5 min 8K video (2020-07-13 21:59) - Turritopsis Dohrnii Teo En Ming

Subject: Help! My home computer can’t play 8K videos smoothly and took 2 long hours to render a 4.5 min 8K video

Help! My home computer can’t play 8K videos smoothly and took 2 long hours to render a 4.5 min 8K video.

My home computer technical specifications are:

AMD Ryzen 3 3200G with Radeon Vega Graphics processor
Gigabyte B450M DS3H motherboard
32 GB DDR4-2666 memory
MSI GeForce GTX 1650 4 GB GDDR5 GPU
Windows 10 Home
Vegas Pro 17

My MSI GeForce GTX 1650 4 GB GDDR5 GPU does not have a NVIDIA Encoder (NVENC) for 8K videos, so Vegas Pro 17 is using the CPU alone to render 8K videos.

When I am rendering 8K videos, Vegas Pro 17 frequently gave the following error and frequently hang:

"The system is low on memory"

I have to set the following settings so that Vegas Pro 17 could render my 8K video successfully.

Vegas Pro 17 settings
==========

Maximum number of rendering threads = 4
Dynamic RAM Preview max (MB) = 0

You can refer to the following thread:

"The system is low on memory" 4k render error (when it clearly is not)

Link: [1]https://www.vegascreativesoftware.info/us/forum/the-system-is-low-on-m emory-4k-render-error-when-it-clearly-is-not–116565/

To improve my 8K video rendering speed, I am thinking of upgrading my computer hardware. Will upgrading my MSI GeForce GTX 1650 4 GB GDDR5 to GeForce RTX 2060 6 GB GDDR6 suffice? I observe that Geforce RTX 2060 has a NVIDIA Encoder (NVENC) for 8K (7680x4320) videos.

I am looking forward to hearing from you soon.

Thank you.

Mr. Turritopsis Dohrnii Teo En Ming
Singapore
13 July 2020 Monday

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1. https://www.vegascreativesoftware.info/us/forum/the-system-is-low-on-memory-4k-render-error-when-it-clearly-is-not--116565/

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[13 Jul 2020 Mon] Orchard Road Walking Exercises: 4712 steps or 3.6 km in 1 hour (2020-07-13 21:29) - Turritopsis Dohrnii Teo En Ming

Subject: [13 Jul 2020 Mon] Orchard Road Walking Exercises: 4712 steps or 3.6 km in 1 hour

On 13 Jul 2020 Monday, I, Mr. Turritopsis Dohrnii Teo En Ming, have walked 4712 steps or 3.6 km in 1 hour. Walking sequence: from Orchard MRT Station to 313@Somerset, from 313@Somerset to Orchard MRT Station, from Lucky Plaza to Design Orchard, from Design Orchard to Orchard MRT Station.

My fasting blood glucose readings after the walking exercise is — mmol/L.

My blood pressure readings after the walking exercise is 105/82.

I have been doing consistent walking exercises for a few years until suspension on 13 April 2020. I resumed/restarted walking exercises on 2 June 2020.

I would like to continue doing walking exercises every day for at least 45 mins to one hour or more until I am 14 BILLION years old. I need to have determination and perseverance in doing walking exercises every day to keep fit and healthy until I am 14 BILLION years old. I want to live until 14 BILLION years old.

I cannot run or jog because of early onset of osteoarthritis (wear and tear) of both knees at 40 years old. As of 13 Jul 2020, I am 42 years old. I have the capability to walk up to 17 km in one day.

YouTube video: Why You Should Start Walking Every Day

Link: [1]https://www.youtube.com/watch?v=lkgXUCgskz0

YouTube video: [Chinese Song and Music Video] (Accurate translation: I really wish to live for another 500 years) in "The Era of Emperor Kangxi" TV drama.

Link: [2]https://www.youtube.com/watch?v= _rA9r7QHPig

I think I am recovering from the side effects of lovastatin.

1. `https://www.youtube.com/watch?v=lkgXUCgskz0`
2. `https://www.youtube.com/watch?v=_rA9r7QHPig`

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[Youtube 8K] Viet Model Leena Fashion Shoot at Duxton Hill on 11 Jul 2020 Sat (2020-07-12 22:22) - Turritopsis Dohrnii Teo En Ming

[Youtube 8K] Viet Model Leena Fashion Shoot at Duxton Hill on 11 Jul 2020 Sat

Link: [1]https://www.youtube.com/watch?v=eTD-B58VKPY

This is the 2nd 8K video taken with Samsung Galaxy S20+.

My computer took 2 hours to render a 4.5 min 8K video (8K video rendering speed).

Specifications of my computer
==========

AMD Ryzen 3 3200G with Radeon Vega Graphics processor
Gigabyte B450M DS3H motherboard
32 GB DDR4-2666 memory
MSI GeForce GTX 1650 4 GB GDDR5 GPU
Windows 10 Home
Vegas Pro 17

Vegas Pro 17 settings
==========

Maximum number of rendering threads = 4
Dynamic RAM Preview max (MB) = 0

Reference
========

[1] "The system is low on memory" 4k render error (when it clearly is not)

[2]https://www.vegascreativesoftware.info/us/forum/the-system-is-low-on-m emory-4k-render-error-when-it-clearly-is-not–116565/

1. https://www.youtube.com/watch?v=eTD-B58VKPY
2. https://www.vegascreativesoftware.info/us/forum/the-system-is-low-on-memory-4k-render-error-when-it-clearly-is-not--116565/

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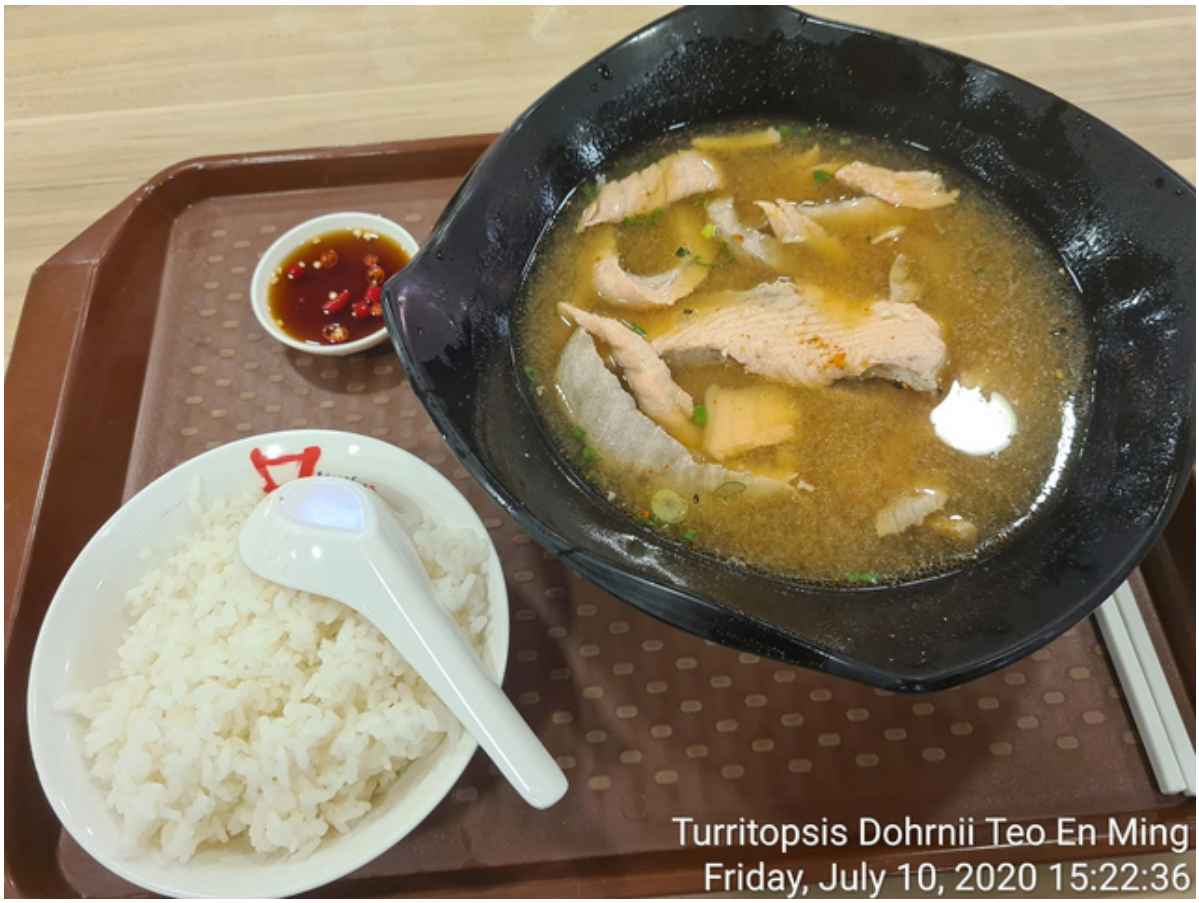
Super Healthy Diet: Salmon Fish Soup with Rice $6 [Jul 10, 2020] **(2020-07-12 11:14) - Turritopsis Dohrnii Teo En Ming**

Super Healthy Diet: Salmon Fish Soup with Rice $6 [Jul 10, 2020]



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Super Healthy Diet: Sambal Kang Kong Veg with Rice $7.60 [July 11, 2020 Sat] (2020-07-12 11:11) - Turritopsis Dohrnii Teo En Ming

Super Healthy Diet: Sambal Kang Kong Veg with Rice $7.60 [July 11, 2020 Sat]

Sambal Kang Kong green leafy vegetables $7.00 [Why so expensive?]

Rice $0.60

Total $7.60

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Teo En Ming's Blog Book (Version 10 July 2020) Available for Download (2020-07-10 21:20) - Turritopsis Dohrnii Teo En Ming

Subject: Teo En Ming's Blog Book (Version 10 July 2020) Available for Download

Redundant Google Drive download links:

[1] [1]https://drive.google.com/file/d/1t7iR86ppkzDg _KY9xgnjezFiNesY _del/view?usp=sharing

[2] [2]https://drive.google.com/file/d/1siPWMsUgfYBPQf4Jrr0hSVtyuWLaG8wt/view ?usp=sharing

[3] [3]https://drive.google.com/file/d/14QNao07m2vzwjAyGL0MZJzHa0UiEPFSc/view ?usp=sharing

[4] [4]https://drive.google.com/file/d/1GOPAvOEL5jG1Bi2DIYtc9ZXqsufnqpxw/view ?usp=sharing

[5] [5]https://drive.google.com/file/d/1V3UwEC-D2feRZR _eO1vB3–nN1e _qqkq/view?usp=sharing

[6] [6]https://drive.google.com/file/d/1x-dCULuyZnB8tUunB5DN _JhkzIMEqBmZ/view?usp=sharing

1. `https://drive.google.com/file/d/1t7iR86ppkzDg_KY9xgnjezFiNesY_del/view?usp=sharing`
2. `https://drive.google.com/file/d/1siPWMsUgfYBPQf4Jrr0hSVtyuWLaG8wt/view?usp=sharing`
3. `https://drive.google.com/file/d/14QNao07m2vzwjAyGL0MZJzHa0UiEPFSc/view?usp=sharing`
4. `https://drive.google.com/file/d/1GOPAvOEL5jG1Bi2DIYtc9ZXqsufnqpxw/view?usp=sharing`
5. `https://drive.google.com/file/d/1V3UwEC-D2feRZR_eO1vB3--nN1e_qqkq/view?usp=sharing`
6. `https://drive.google.com/file/d/1x-dCULuyZnB8tUunB5DN_JhkzIMEqBmZ/view?usp=sharing`

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Is Nicole Seah (Nicole Rebecca Seah Xue Ling) the descendant of She Saihua ( )?

(2020-07-10 11:17) - Turritopsis Dohrnii Teo En Ming

Is Nicole Seah (Nicole Rebecca Seah Xue Ling) the descendant of She Saihua ( )?

She Saihua ( ) is a legendary heroine from ancient China's Northern Song Dynasty. The wife of Yang Ye and the mother of their 7 sons, she is a prominent figure in the stories on Generals of the Yang Family.

The elderly and widowed She Saihua is also commonly known as She Taijun (; "Dowager She") and is usually depicted with a dragon-head cane ( ). She allegedly lived past the age of 100.

Legends

=======

Marriage to Yang Ye

================

She Saihua's father She Hong ( ) had already arranged for his daughter to marry Yang Ye, but changed his mind and betrothed her to Cui Long ( ) from the more powerful Cui family instead. When the Yang family requested marriage, She Hong sent for Cui Long to come quickly to marry his daughter. She Saihua did not like the ugly and untalented Cui Long and sent a messenger for Yang Ye. After Yang Ye's arrival and at the request of She Saihua, She Hong had no choice but to declare that the winner of the duel between the suitors would marry his daughter. Yang Ye killed Cui Long in the battle but accidentally injured She Hong who tried to help Cui Long. Angry, She Saihua fought Yang Ye who retreated to the Seven-Star Temple. Inside the temple, Yang Ye clarified the misunderstanding and they married.[1]

The Seven-Star Temple where they allegedly married is located in today's Fugu County, Shaanxi province.[2]

Taking command of the army

====================

She Saihua had 7 sons and 2 daughters with Yang Ye, the Song commander-in-chief. With Pan Mei refusing to send aid, Yang Ye and several sons died during the battles of Golden Beach and Mount Twin Wolves. Lady She made sure Pan Mei's crimes did not go unnoticed and successfully persecuted him in the imperial court. Trusting her loyalty and judgment, Emperor Taizong made her the commander-in-chief and awarded her a Dragon Head Cane, a symbol of the emperor, for absolute control of the male-dominated army.

Source: [1]https://en.wikipedia.org/wiki/She _Saihua

1. https://en.wikipedia.org/wiki/She_Saihua

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Teo En Ming's Donations to the National Academy of Sciences of the United States of America

(2020-07-10 10:20) - Turritopsis Dohrnii Teo En Ming

Teo En Ming's Donations to the National Academy of Sciences of the United States of America
==========

Year 2011: [1]https://www.nap.edu/catalog/13445/report-of-the-treasurer-of-the-nationa l-academy-of-sciences-for-the-year-ended-december-31-2011

Year 2013: [2]https://www.nap.edu/catalog/18830/report-of-the-treasurer-of-the-nationa l-academy-of-sciences-for-the-year-ended-december-31-2013

Year 2014: [3]https://www.nap.edu/catalog/21779/report-of-the-treasurer-of-the-nationa l-academy-of-sciences-for-the-year-ended-december-31-2014

Year 2015: [4]https://www.nap.edu/catalog/23558/report-of-the-treasurer-of-the-nationa l-academy-of-sciences-for-the-year-ended-december-31-2015

Year 2016: [5]https://www.nap.edu/catalog/24826/report-of-the-treasurer-of-the-nationa l-academy-of-sciences-for-the-year-ended-december-31-2016

Year 2017: [6]https://www.nap.edu/catalog/25177/report-of-the-treasurer-for-the-year-e nded-december-31-2017

Year 2018: [7]https://www.nap.edu/catalog/25503/report-of-the-treasurer-for-the-year-e nded-december-31-2018

Year 2019: [8]https://www.nap.edu/catalog/25854/report-of-the-treasurer-for-the-year-e nded-december-31-2019

1. https://www.nap.edu/catalog/13445/report-of-the-treasurer-of-the-national-academy-of-sciences-for-the-year-ended-december-31-2011
2. https://www.nap.edu/catalog/18830/report-of-the-treasurer-of-the-national-academy-of-sciences-for-the-year-ended-december-31-2013
3. https://www.nap.edu/catalog/21779/report-of-the-treasurer-of-the-national-academy-of-sciences-for-the-year-ended-december-31-2014
4. https://www.nap.edu/catalog/23558/report-of-the-treasurer-of-the-national-academy-of-sciences-for-the-year-ended-december-31-2015
5. https://www.nap.edu/catalog/24826/report-of-the-treasurer-of-the-national-academy-of-sciences-for-the-year-ended-december-31-2016
6. https://www.nap.edu/catalog/25177/report-of-the-treasurer-for-the-year-ended-december-31-2017
7. https://www.nap.edu/catalog/25503/report-of-the-treasurer-for-the-year-ended-december-31-2018
8. https://www.nap.edu/catalog/25854/report-of-the-treasurer-for-the-year-ended-december-31-2019

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48-min 4K Youtube Video: Singapore Celebrity Nicole Seah Fan Meet and Greet at Simpang Bedok on 8 July 2020 Wed (2020-07-09 06:56) - Turritopsis Dohrnii Teo En Ming

48-min 4K Youtube Video: Singapore Celebrity Nicole Seah Fan Meet and Greet at Simpang Bedok on 8 July 2020 Wed

4K video taken at Bedok Town in Singapore on 8 July 2020 evening.

4K video camera: Panasonic FZ1000 Mark 2

Mr. Turritopsis Dohrnii Teo En Ming
Grand Historian
Office of the Grand Historian
Singapore

IFRAME: [1]https://www.youtube.com/embed/-atfVAUo61o

1. `https://www.youtube.com/embed/-atfVAUo61o`

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8K video of Singapore Celebrity Nicole Seah with Teo En Ming (2020-07-07 22:04) - Turritopsis Dohrnii Teo En Ming

8K video of Singapore Celebrity Nicole Seah with Teo En Ming 8K Camera: Samsung Galaxy S20+ This is the very first 8K video taken with Samsung Galaxy S20+ Video taken at Blk 87 Bedok North Street 4 coffee shop on 7 July 2020 Tuesday at 7.30 pm Singapore Time

Mr. Turritopsis Dohrnii Teo En Ming

Grand Historian

Office of the Grand Historian

IFRAME: [1]https://www.youtube.com/embed/Xnxp7NCbJXk

1. `https://www.youtube.com/embed/Xnxp7NCbJXk`

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Photo of Singapore Celebrity Nicole Seah with Teo En Ming (2020-07-07 22:01) - Turritopsis Dohrnii Teo En Ming

Photo of Singapore Celebrity Nicole Seah with Teo En Ming

Photo taken at Blk 87 Bedok North Street 4 coffee shop on 7 July 2020 Tuesday at 7.30 pm Singapore Time

Mr. Turritopsis Dohrnii Teo En Ming

Grand Historian

Office of the Grand Historian

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Photos of Singapore Secretary of Defense Dr. Ng Eng Hen with Teo En Ming (2020-07-07 21:57) - Turritopsis Dohrnii Teo En Ming

Photos of Singapore Secretary of Defense Dr. Ng Eng Hen with Teo En Ming

Photos taken at $2 Cafe at Toa Payoh Bus Interchange on 2nd July 2020 Thursday at 7.30 AM Singapore Time

Mr. Turritopsis Dohrnii Teo En Ming
Grand Historian
Office of the Grand Historian

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Super Healthy Diet: Sambal Kang Kong Green Leafy Vegetables for Day 2 (2020-07-06 22:21) - Turritopsis Dohrnii Teo En Ming

Super Healthy Diet: Sambal Kang Kong Green Leafy Vegetables for Day 2

Super Healthy Diet: Sambal Kang Kong Green Leafy Vegetables for Day 2.

This is my dinner today (6 July 2020 Monday).

One plate of chicken rice SGD $5.20

One plate of Sambal Kang Kong green leafy vegetables SGD $8.50 (Why so expensive??)

One can of Chinese Oolong Tea (NO SUGAR) SGD $2.00

Total SGD $15.70

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Super Healthy Diet: Sambal Kang Kong Green Leafy Vegetables (2020-07-06 18:20) - Turritopsis Dohrnii Teo En Ming

Super Healthy Diet: Sambal Kang Kong Green Leafy Vegetables.

This was my dinner yesterday (5 July 2020 Sunday).

One plate of chicken rice SGD $5.20

One plate of Sambal Kang Kong green leafy vegetables SGD $8.50 (Why so expensive??)

One can of Chinese Oolong Tea (NO SUGAR) SGD $2.00

Total SGD $15.70

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Bought Samsung Galaxy S20+ at ZERO DOLLAR on 2nd July 2020 Thursday (2020-07-04 23:40) - Turritopsis Dohrnii Teo En Ming

Subject: Bought Samsung Galaxy S20+ at ZERO DOLLAR on 2nd July 2020 Thursday

Mr. Turritopsis Dohrnii Teo En Ming (Singaporean Targeted Individual) bought a Samsung Galaxy S20+ at ZERO DOLLAR on 2nd July 2020 Thursday. It is an Android 10 smartphone. Android is based on Linux. The Linux Kernel version of my Samsung Galaxy S20+ is 4.19.87-18598659 #1 Thu May 14 17:43:28 KST 2020.

Mr. Turritopsis Dohrnii Teo En Ming (Singaporean Targeted Individual) is a Linux supporter and enthusiast.

Model: Samsung SM-G985F/DS
Color: Cloud Blue
RAM: 8 GB
Internal Storage: 128 GB, expandable to 1 TB using microSD card

Date bought: 2nd July 2020 Thursday
Time bought: 7 pm to 8 pm Singapore Time GMT+8
Place bought: Singtel shop, Bugis Junction, Singapore, Singapore
Price: ZERO DOLLAR

Signed 2-year mobile contract with Singtel. The 2-year mobile contract will expire on 1st July 2022.

Mobile plan: Singtel Combo 3
Add-on: Data X Infinity (Unlimited mobile data)

Details: Unlimited incoming calls, Unlimited outgoing calls, Unlimited SMS, Unlimited mobile data

The biggest selling point of Samsung Galaxy S20+ is its ability to take 8K (7680x4320) videos. 1 minute of 8K video will take up 600 MB of storage space. There is a limitation on the maximum duration of 8K videos you can take on the Samsung Galaxy S20+. It is capped at 5 mins. 5 mins of 8K video will take up 5 x 600 = 3000 MB or 3 GB of storage space.

Mr. Turritopsis Dohrnii Teo En Ming (Singaporean Targeted Individual) is very excited about being able to take 8K videos and is one of the very few in the world to do so.

REFERENCES
==========

[1] [1]https://lkml.org/lkml/2020/7/4/170

[2] [2]http://lkml.iu.edu/hypermail/linux/kernel/2007.0/04225.html

[3] [3]https://marc.info/?l=linux-kernel &m=159387632228633 &w=2

[4] [4]https://lwn.net/ml/linux-kernel/abeb9f09f41e86c61545d003024b430b %40teo-en-ming.com/

[5] [5]http://lists.linuxfromscratch.org/pipermail/lfs-chat/2020-July/029127. html

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1. https://lkml.org/lkml/2020/7/4/170
2. http://lkml.iu.edu/hypermail/linux/kernel/2007.0/04225.html
3. https://marc.info/?l=linux-kernel&m=159387632228633&w=2
4. https://lwn.net/ml/linux-kernel/abeb9f09f41e86c61545d003024b430b%40teo-en-ming.com/
5. http://lists.linuxfromscratch.org/pipermail/lfs-chat/2020-July/029127.html

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IP camera apps for mobile phones work without any configuration of port forwarding in firewalls

(2020-07-04 17:17) - Turritopsis Dohrnii Teo En Ming

You do not need to configure port forwarding in firewalls at all.

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What is the function of Glucosamine, Chondroitin and MSM? (2020-07-04 17:14) - Turritopsis Dohrnii Teo En Ming

Glucosamine helps repair, maintain and stimulate growth of cartilage cells.

Chondroitin helps maintain the natural lubricating fluid in joints and cartilage.

MSM helps maintain the elasticity and flexibility of the connective tissue that make up joints.

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Bought GreenLife UC II 30s on 4 July 2020 Saturday (2020-07-04 17:11) - Turritopsis Dohrnii Teo En Ming

Bought GreenLife UC II Collagen with Undenatured Type II Collagen 30s on 4 July 2020 Saturday.

One month supply for SGD $48.

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[United Nations Refugee Agency] Help and Information for Refugees, Asylum-seekers and Stateless People (2020-07-01 20:10) - Turritopsis Dohrnii Teo En Ming

Link: [1]https://help.unhcr.org/

1. https://help.unhcr.org/

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Australian Skilled Occupation List (2020-07-01 20:07) - Turritopsis Dohrnii Teo En Ming

Link: [1]https://immi.homeaffairs.gov.au/visas/working-in-australia/skill -occupation-list

1. `https://immi.homeaffairs.gov.au/visas/working-in-australia/skill-occupation-list`

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pfSense Firewall and Network Security Appliance Reviews (2020-07-01 20:06) - Turritopsis Dohrnii Teo En Ming

Link: [1]https://www.trustradius.com/products/pfsense/reviews

1. https://www.trustradius.com/products/pfsense/reviews

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1.7 June

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[30 Jun 2020 Tue] Orchard Road Walking Exercises: 2245 steps or 1.7 km in 30 mins

(2020-06-30 21:19) - Turritopsis Dohrnii Teo En Ming

Subject: [30 Jun 2020 Tue] Orchard Road Walking Exercises: 2245 steps or 1.7 km in 30 mins

On 30 June 2020 Tuesday, I, Mr. Turritopsis Dohrnii Teo En Ming, have walked 2245 steps or 1.7 km from Orchard Road MRT Station (Singapore) to Somerset MRT Station (Singapore) and from Somerset MRT Station back to Orchard Road MRT Station in 30 mins.

My fasting blood glucose readings after the walking exercise is — mmol/L.

My blood pressure readings after the walking exercise is 141/79.

I have been doing consistent walking exercises for a few years until suspension on 13 April 2020. I resumed/restarted walking exercises on 2 June 2020.

I would like to continue doing walking exercises every day for at least 45 mins to one hour or more until I am 14 BILLION years old. I need to have determination and perseverance in doing walking exercises every day to keep fit and healthy until I am 14 BILLION years old. I want to live until 14 BILLION years old.

I cannot run or jog because of early onset of osteoarthritis (wear and tear) of both knees at 40 years old. As of 30 June 2020, I am 42 years old. I have the capability to walk up to 17 km in one day.

YouTube video: Why You Should Start Walking Every Day

Link: [1]https://www.youtube.com/watch?v=lkgXUCgskz0

YouTube video: [Chinese Song and Music Video] (Accurate translation: I really wish to live for another 500 years) in "The Era of Emperor Kangxi" TV drama.

Link: [2]https://www.youtube.com/watch?v= _rA9r7QHPig

Once I recover from the side effects of lovastatin, I will go back to my regular Orchard Road walking exercise of 1 hour or more every day.

1. `https://www.youtube.com/watch?v=lkgXUCgskz0`
2. `https://www.youtube.com/watch?v=_rA9r7QHPig`

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[29 Jun 2020 Monday] I still have not fully recovered from the side effects of lovastatin

(2020-06-29 22:05) - Turritopsis Dohrnii Teo En Ming

[29 Jun 2020 Monday] I still have not fully recovered from the side effects of lovastatin.

I restarted my Orchard Road walking exercise on 29 Jun 2020 Monday. I started walking from Orchard Road MRT station to The Cathay shopping center, and turned back at The Cathay shopping center. I had to stop after 50 minutes of walking exercise and took the train home at Somerset MRT station.

The total distance covered was 4600 steps or 3.5 km in 50 mins.

Maybe from tomorrow onwards I will only do 30 mins of Orchard Road walking exercise until I have fully recovered from the side effects of lovastatin. I think I am improving.

My blood pressure after the walking exercise is 142/86.

My non-fasting blood sugar (after dinner) after the walking exercise is 8.9 mmol/L.

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Switched to Plant Sterols on 21 Jun 2020 Sunday due to statin intolerance (2020-06-22 18:02) - Turritopsis Dohrnii Teo En Ming

Subject: Switched to Plant Sterols on 21 Jun 2020 Sunday due to statin intolerance

Switched to Plant Sterols on 21 Jun 2020 Sunday due to statin intolerance. Bought Blackmores Plant Sterols 1000mg on 21 Jun 2020 Sunday. 1 month supply $59.

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Changed from Gliclazide to Metformin on 26 May 2020 (2020-06-22 18:01) - Turritopsis Dohrnii Teo En Ming

Changed from Gliclazide to Metformin on 26 May 2020

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Started Valsartan 80 mg on 9 May 2020 (2020-06-22 17:59) - Turritopsis Dohrnii Teo En Ming

Started Valsartan 80 mg on 9 May 2020

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Mr. Turritopsis Dohrnii Teo En Ming became an IT consultant in Singapore on 15 June 2020 Monday (2020-06-21 13:55) - Turritopsis Dohrnii Teo En Ming

Subject: Mr. Turritopsis Dohrnii Teo En Ming became an IT consultant in Singapore on 15 June 2020 Monday

Mr. Turritopsis Dohrnii Teo En Ming became an IT (information technology) consultant in Singapore on 15 June 2020 Monday. First time in his life. As of 21 June 2020 Sunday, he is 42 years old.

REFERENCES
==========

[1] [1]https://lkml.org/lkml/2020/6/21/17

[2] [2]http://lkml.iu.edu/hypermail/linux/kernel/2006.2/08449.html

[3] [3]https://marc.info/?l=linux-kernel &m=159271826407174 &w=2

[4] [4]http://lists.linuxfromscratch.org/pipermail/lfs-chat/2020-June/029126. html

1. https://lkml.org/lkml/2020/6/21/17
2. http://lkml.iu.edu/hypermail/linux/kernel/2006.2/08449.html
3. https://marc.info/?l=linux-kernel&m=159271826407174&w=2
4. http://lists.linuxfromscratch.org/pipermail/lfs-chat/2020-June/029126.html

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My pfSense firewall with Snort IDS/IPS detected ZeroAccess Windows trojan, Denial of Service (DOS) attacks and 10,655 portscan attempts (2020-06-21 00:02) - Turritopsis Dohrnii Teo En Ming

Subject: My pfSense firewall with Snort IDS/IPS detected ZeroAccess Windows trojan, Denial of Service (DOS) attacks and 10,655 portscan attempts

Good day from Singapore,

My name is Turritopsis Dohrnii Teo En Ming. My pfSense firewall with Snort IDS/IPS detected ZeroAccess Windows trojan, Denial of Service (DOS) attacks and 10,655 portscan attempts, as of 20 June 2020 Saturday. This shows that I have configured my pfSense firewall with Snort IDS/IPS correctly on 4th April 2020. I am technically competent as an IT consultant in Singapore.

——Begin Snort IDS/IPS alerts for ZeroAccess Windows trojan——

04/09/20-21:32:56.340705 ,1,31136,2,"MALWARE-CNC Win.Trojan.ZeroAccess inbound connection",UDP,66.240.205.34,1066,Teo En Ming's FW IP,16464,58659,A Network Trojan was Detected,1
04/22/20-18:27:37.305284 ,1,31136,2,"MALWARE-CNC Win.Trojan.ZeroAccess inbound connection",UDP,66.240.205.34,1066,Teo En Ming's FW IP,16464,25459,A Network Trojan was Detected,1
05/05/20-15:51:17.616097 ,1,31136,2,"MALWARE-CNC Win.Trojan.ZeroAccess inbound connection",UDP,66.240.205.34,1066,Teo En Ming's FW IP,16464,20882,A Network Trojan was Detected,1
05/13/20-01:20:57.140589 ,1,31136,2,"MALWARE-CNC Win.Trojan.ZeroAccess inbound connection",UDP,66.240.205.34,1066,Teo En Ming's FW IP,16464,58348,A Network Trojan was Detected,1
05/14/20-10:52:53.535934 ,105,2,2,"(spo _bo) Back Orifice Client Traffic detected",UDP,27.115.124.10,56520,Teo En Ming's FW IP,443,6140,A Network Trojan was Detected,1
05/25/20-23:01:33.410789 ,1,31136,2,"MALWARE-CNC Win.Trojan.ZeroAccess inbound connection",UDP,66.240.205.34,1066,Teo En Ming's FW IP,16464,10287,A Network Trojan was Detected,1
06/08/20-01:34:59.415253 ,1,31136,2,"MALWARE-CNC Win.Trojan.ZeroAccess inbound connection",UDP,66.240.205.34,1066,Teo En Ming's FW IP,16464,13168,A Network Trojan was Detected,1
06/20/20-22:33:10.428992 ,1,31136,2,"MALWARE-CNC Win.Trojan.ZeroAccess inbound connection",UDP,66.240.205.34,1066,Teo En Ming's FW IP,16464,46494,A Network Trojan was Detected,1

——End Snort IDS/IPS alerts for ZeroAccess Windows trojan——

——Begin Snort IDS/IPS alerts for Denial of Service (DOS) Attacks——

04/06/20-05:56:34.240421 ,1,2016016,8,"ET DOS DNS Amplification Attack Inbound",UDP,83.97.20.160,20875,Teo En Ming's FW IP,53,36253,Potentially Bad Traffic,2
04/06/20-17:12:32.590195 ,1,2016016,8,"ET DOS DNS Amplification Attack Inbound",UDP,83.97.20.160,41932,Teo En Ming's FW IP,53,44144,Potentially Bad Traffic,2
04/08/20-05:22:11.058364 ,1,2016016,8,"ET DOS DNS Amplification Attack Inbound",UDP,83.97.20.160,42863,Teo En Ming's FW IP,53,2531,Potentially Bad Traffic,2
04/10/20-05:42:14.897402 ,1,2016016,8,"ET DOS DNS Amplification Attack Inbound",UDP,83.97.20.160,27564,Teo En Ming's FW IP,53,30591,Potentially Bad Traffic,2
04/21/20-04:14:54.189215 ,1,2017919,2,"ET DOS Possible NTP DDoS Inbound Frequent Un-Authed MON _LIST Requests IMPL 0x03",UDP,14.135.120.21,56257,Teo En Ming's FW IP,123,37823,Attempted Denial of Service,2
04/21/20-05:48:02.695446 ,1,2016016,8,"ET DOS DNS Amplification Attack Inbound",UDP,83.97.20.160,36181,Teo En Ming's FW IP,53,29745,Potentially Bad Traffic,2
04/22/20-18:07:58.264778 ,1,2016016,8,"ET DOS DNS Amplification Attack Inbound",UDP,83.97.20.160,35118,Teo En Ming's FW IP,53,9544,Potentially Bad Traffic,2
04/24/20-05:48:19.032064 ,1,2016016,8,"ET DOS DNS Amplification Attack Inbound",UDP,83.97.20.160,48012,Teo En Ming's FW IP,53,9415,Potentially Bad Traffic,2

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04/24/20-06:06:24.922151 ,1,2017919,2,"ET DOS Possible NTP DDoS Inbound Frequent Un-Authed MON _LIST Requests IMPL 0x03",UDP,80.82.78.104,34420,Teo En Ming's FW IP,123,56898,Attempted Denial of Service,2
04/25/20-10:05:23.410940 ,1,2017919,2,"ET DOS Possible NTP DDoS Inbound Frequent Un-Authed MON _LIST Requests IMPL 0x03",UDP,129.250.206.86,21545,Teo En Ming's FW IP,123,57159,Attempted Denial of Service,2
04/26/20-05:40:30.544006 ,1,2016016,8,"ET DOS DNS Amplification Attack Inbound",UDP,83.97.20.160,26265,Teo En Ming's FW IP,53,34316,Potentially Bad Traffic,2
04/30/20-18:06:03.311834 ,1,2016016,8,"ET DOS DNS Amplification Attack Inbound",UDP,83.97.20.160,41565,Teo En Ming's FW IP,53,5460,Potentially Bad Traffic,2
05/01/20-17:39:39.898804 ,1,2016016,8,"ET DOS DNS Amplification Attack Inbound",UDP,83.97.20.160,17893,Teo En Ming's FW IP,53,6908,Potentially Bad Traffic,2
05/01/20-17:51:56.875582 ,1,2016016,8,"ET DOS DNS Amplification Attack Inbound",UDP,83.97.20.160,17897,Teo En Ming's FW IP,53,36034,Potentially Bad Traffic,2
05/03/20-05:51:03.933207 ,1,2016016,8,"ET DOS DNS Amplification Attack Inbound",UDP,83.97.20.160,30724,Teo En Ming's FW IP,53,4015,Potentially Bad Traffic,2
05/03/20-05:57:12.706098 ,1,2016016,8,"ET DOS DNS Amplification Attack Inbound",UDP,83.97.20.160,30752,Teo En Ming's FW IP,53,49354,Potentially Bad Traffic,2
05/03/20-17:46:34.202174 ,1,2016016,8,"ET DOS DNS Amplification Attack Inbound",UDP,83.97.20.160,33825,Teo En Ming's FW IP,53,52827,Potentially Bad Traffic,2
05/04/20-22:35:30.233085 ,1,2017919,2,"ET DOS Possible NTP DDoS Inbound Frequent Un-Authed MON _LIST Requests IMPL 0x03",UDP,45.95.168.212,44120,Teo En Ming's FW IP,123,54321,Attempted Denial of Service,2
05/09/20-15:35:29.970253 ,1,2017919,2,"ET DOS Possible NTP DDoS Inbound Frequent Un-Authed MON _LIST Requests IMPL 0x03",UDP,184.105.139.74,44485,Teo En Ming's FW IP,123,15020,Attempted Denial of Service,2
05/13/20-05:07:36.972187 ,1,2017919,2,"ET DOS Possible NTP DDoS Inbound Frequent Un-Authed MON _LIST Requests IMPL 0x03",UDP,213.226.119.124,23352,49.245.7.143,123,23732,Attempted Denial of Service,2
05/13/20-05:20:18.878985 ,1,2016016,8,"ET DOS DNS Amplification Attack Inbound",UDP,83.97.20.160,29050,Teo En Ming's FW IP,53,42884,Potentially Bad Traffic,2
05/14/20-03:08:44.122026 ,1,2017919,2,"ET DOS Possible NTP DDoS Inbound Frequent Un-Authed MON _LIST Requests IMPL 0x03",UDP,89.223.121.232,44507,Teo En Ming's FW IP,123,54321,Attempted Denial of Service,2
05/14/20-16:46:17.255579 ,1,2017919,2,"ET DOS Possible NTP DDoS Inbound Frequent Un-Authed MON _LIST Requests IMPL 0x03",UDP,209.141.52.24,37406,Teo En Ming's FW IP,123,54321,Attempted Denial of Service,2
05/15/20-17:13:15.778373 ,1,2016016,8,"ET DOS DNS Amplification Attack Inbound",UDP,83.97.20.160,12867,Teo En Ming's FW IP,53,35489,Potentially Bad Traffic,2
05/19/20-03:05:35.345304 ,1,2017919,2,"ET DOS Possible NTP DDoS Inbound Frequent Un-Authed MON _LIST Requests IMPL 0x03",UDP,2.217.205.185,34184,27.104.132.79,123,24409,Attempted Denial of Service,2
05/19/20-12:51:45.075673 ,1,2019102,1,"ET DOS Possible SSDP Amplification Scan in Progress",UDP,61.135.185.172,12000,Teo En Ming's FW IP,1900,54321,Attempted Denial of Service,2
05/19/20-16:00:45.325282 ,1,2017918,2,"ET DOS Possible NTP DDoS Inbound Frequent Un-Authed MON _LIST Requests IMPL 0x02",UDP,95.171.123.34,12002,Teo En Ming's FW IP,123,54321,Attempted Denial of Service,2
05/20/20-12:15:18.179209 ,1,2017919,2,"ET DOS Possible NTP DDoS Inbound Frequent Un-Authed MON _LIST Requests IMPL 0x03",UDP,194.180.224.123,44439,Teo En Ming's FW IP,123,54321,Attempted Denial of Service,2
05/20/20-13:32:02.195424 ,1,2017919,2,"ET DOS Possible NTP DDoS Inbound Frequent Un-Authed MON _LIST Requests IMPL 0x03",UDP,185.172.111.199,60321,Teo En Ming's FW IP,123,14999,Attempted Denial of Service,2
05/24/20-15:42:06.804053 ,1,2017919,2,"ET DOS Possible NTP DDoS Inbound Frequent Un-Authed MON

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_LIST Requests IMPL 0x03",UDP,194.180.224.60,54713,180.129.38.146,123,54321,Attempted Denial of Service,2
05/25/20-15:55:17.324923 ,1,2019102,1,"ET DOS Possible SSDP Amplification Scan in Progress",UDP,94.171.123.79,12000,Teo En Ming's FW IP,1900,54321,Attempted Denial of Service,2
06/04/20-06:11:43.705883 ,1,2016016,8,"ET DOS DNS Amplification Attack Inbound",UDP,83.97.20.160,46912,Teo En Ming's FW IP,53,35614,Potentially Bad Traffic,2
06/05/20-17:56:21.603562 ,1,2016016,8,"ET DOS DNS Amplification Attack Inbound",UDP,83.97.20.160,33436,Teo En Ming's FW IP,53,59981,Potentially Bad Traffic,2
06/06/20-10:10:39.151249 ,1,2017919,2,"ET DOS Possible NTP DDoS Inbound Frequent Un-Authed MON _LIST Requests IMPL 0x03",UDP,45.148.10.198,57080,Teo En Ming's FW IP,123,54321,Attempted Denial of Service,2
06/08/20-13:30:37.849600 ,1,2019102,1,"ET DOS Possible SSDP Amplification Scan in Progress",UDP,180.101.49.42,12000,Teo En Ming's FW IP,1900,54321,Attempted Denial of Service,2
06/09/20-15:09:55.014823 ,1,2017919,2,"ET DOS Possible NTP DDoS Inbound Frequent Un-Authed MON _LIST Requests IMPL 0x03",UDP,184.105.139.122,19424,Teo En Ming's FW IP,123,22437,Attempted Denial of Service,2
06/09/20-15:46:01.510345 ,1,2017918,2,"ET DOS Possible NTP DDoS Inbound Frequent Un-Authed MON _LIST Requests IMPL 0x02",UDP,180.101.49.42,12012,Teo En Ming's FW IP,123,54321,Attempted Denial of Service,2
06/12/20-17:22:33.122843 ,1,2016016,8,"ET DOS DNS Amplification Attack Inbound",UDP,83.97.20.160,32862,Teo En Ming's FW IP,53,65259,Potentially Bad Traffic,2
06/14/20-14:37:08.903800 ,1,2017919,2,"ET DOS Possible NTP DDoS Inbound Frequent Un-Authed MON _LIST Requests IMPL 0x03",UDP,191.101.22.140,44266,Teo En Ming's FW IP,123,54321,Attempted Denial of Service,2
06/14/20-17:20:15.389095 ,1,2016016,8,"ET DOS DNS Amplification Attack Inbound",UDP,83.97.20.160,20113,Teo En Ming's FW IP,53,37309,Potentially Bad Traffic,2
06/15/20-06:02:36.640550 ,1,2017919,2,"ET DOS Possible NTP DDoS Inbound Frequent Un-Authed MON _LIST Requests IMPL 0x03",UDP,23.111.115.196,44547,Teo En Ming's FW IP,123,18144,Attempted Denial of Service,2
06/15/20-07:00:51.630819 ,1,2017919,2,"ET DOS Possible NTP DDoS Inbound Frequent Un-Authed MON _LIST Requests IMPL 0x03",UDP,172.255.251.212,41857,Teo En Ming's FW IP,123,1585,Attempted Denial of Service,2
06/15/20-07:36:30.209861 ,1,2017919,2,"ET DOS Possible NTP DDoS Inbound Frequent Un-Authed MON _LIST Requests IMPL 0x03",UDP,23.111.115.196,38551,Teo En Ming's FW IP,123,19513,Attempted Denial of Service,2
06/20/20-12:01:06.013503 ,1,2017919,2,"ET DOS Possible NTP DDoS Inbound Frequent Un-Authed MON _LIST Requests IMPL 0x03",UDP,185.232.15.26,33203,27.104.251.240,123,0,Attempted Denial of Service,2
06/20/20-14:36:49.331358 ,1,2017919,2,"ET DOS Possible NTP DDoS Inbound Frequent Un-Authed MON _LIST Requests IMPL 0x03",UDP,181.214.91.29,35428,Teo En Ming's FW IP,123,54321,Attempted Denial of Service,2

——End Snort IDS/IPS alerts for Denial of Service (DOS) Attacks——

My question is: Did ZeroAccess Windows trojan successfully infect my Microsoft Windows machines? Since the ZeroAccess malware is also a rootkit, would normal anti-virus scanners installed inside Windows be able to detect the botnet? Would it be more reliable to detect ZeroAccess rootkit using a bootable anti-virus CD?

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I will ask questions on Denial of Service (DOS) attacks and portscan attempts in the future. My current priority is scanning for ZeroAccess trojans on my Windows machines.

Wikipedia article on ZeroAccess Windows trojan:

https://en.wikipedia.org/wiki/ZeroAccess _botnet

Thank you very much.

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2. `https://marc.info/?l=snort-users&m=159266844227878&w=2`

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Bought long sleeve shirt, jeans and custom made black business pants on 19 June 2020 Friday evening (2020-06-21 00:00) - Turritopsis Dohrnii Teo En Ming

long sleeve shirt, size 6XL, SGD $40

jeans, size 44, SGD $40

black business pants, SGD $60

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Temporary suspend taking Lovastatin on 19 June 2020 Friday due to statin intolerance

(2020-06-20 23:57) - Turritopsis Dohrnii Teo En Ming

Temporary suspend taking Lovastatin on 19 June 2020 Friday due to statin intolerance

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Temporary suspend taking Lovastatin on 19 June 2020 Friday (2020-06-19 22:17) - Turritopsis Dohrnii Teo En Ming

Temporary suspend taking Lovastatin on 19 June 2020 Friday

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Orchard Road Walking Exercise Pause on 19 June 2020 Friday (2020-06-19 22:16) - Turritopsis Dohrnii Teo En Ming

Orchard Road Walking Exercise Pause on 19 June 2020 Friday

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[18 Jun 2020 Thu] Orchard Road Walking Exercises: 5562 steps or 4.24 km in one hour

(2020-06-18 22:38) - Turritopsis Dohrnii Teo En Ming

Subject: [18 Jun 2020 Thu] Orchard Road Walking Exercises: 5562 steps or 4.24 km in one hour

On 18 June 2020 Thursday, I, Mr. Turritopsis Dohrnii Teo En Ming, have walked 5562 steps or 4.24 km from Orchard Road MRT Station (Singapore) to The Cathay shopping center (Singapore) and from The Cathay shopping center back to Orchard Road MRT Station in one hour.

My fasting blood glucose readings after the walking exercise is 5.8 mmol/L.

My blood pressure readings after the walking exercise is 119/89.

I have been doing consistent walking exercises for a few years until suspension on 13 April 2020. I resumed/restarted walking exercises on 2 June 2020.

I would like to continue doing walking exercises every day for at least 45 mins to one hour or more until I am 14 BILLION years old. I need to have determination and perseverance in doing walking exercises every day to keep fit and healthy until I am 14 BILLION years old. I want to live until 14 BILLION years old.

I cannot run or jog because of early onset of osteoarthritis (wear and tear) of both knees at 40 years old. As of 18 June 2020, I am 42 years old. I have the capability to walk up to 17 km in one day.

YouTube video: Why You Should Start Walking Every Day

Link: [1]https://www.youtube.com/watch?v=lkgXUCgskz0

YouTube video: [Chinese Song and Music Video] (Accurate translation: I really wish to live for another 500 years) in "The Era of Emperor Kangxi" TV drama.

Link: [2]https://www.youtube.com/watch?v= _rA9r7QHPig

1. `https://www.youtube.com/watch?v=lkgXUCgskz0`
2. `https://www.youtube.com/watch?v=_rA9r7QHPig`

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Lovastatin dosage increased from 20 mg to 40 mg on 26 May 2020 (2020-06-17 23:02) - Turritopsis Dohrnii Teo En Ming

Lovastatin dosage increased from 20 mg to 40 mg on 26 May 2020

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[17 Jun 2020 Wed] Orchard Road Walking Exercises: 6420 steps or 4.89 km in one hour

(2020-06-17 23:00) - Turritopsis Dohrnii Teo En Ming

Subject: [17 Jun 2020 Wed] Orchard Road Walking Exercises: 6420 steps or 4.89 km in one hour

On 17 June 2020 Wednesday, I, Mr. Turritopsis Dohrnii Teo En Ming, have walked 6420 steps or 4.89 km from Orchard Road MRT Station (Singapore) to The Cathay shopping center (Singapore) and from The Cathay shopping center back to Orchard Road MRT Station in one hour.

My fasting blood glucose readings after the walking exercise is 5.6 mmol/L.

My blood pressure readings after the walking exercise is 137/94.

I have been doing consistent walking exercises for a few years until suspension on 13 April 2020. I resumed/restarted walking exercises on 2 June 2020.

I would like to continue doing walking exercises every day for at least 45 mins to one hour or more until I am 14 BILLION years old. I need to have determination and perseverance in doing walking exercises every day to keep fit and healthy until I am 14 BILLION years old. I want to live until 14 BILLION years old.

I cannot run or jog because of early onset of osteoarthritis (wear and tear) of both knees at 40 years old. As of 17 June 2020, I am 42 years old. I have the capability to walk up to 17 km in one day.

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Link: [1]https://www.youtube.com/watch?v=lkgXUCgskz0

YouTube video: [Chinese Song and Music Video] (Accurate translation: I really wish to live for another 500 years) in "The Era of Emperor Kangxi" TV drama.

Link: [2]https://www.youtube.com/watch?v= _rA9r7QHPig

1. `https://www.youtube.com/watch?v=lkgXUCgskz0`
2. `https://www.youtube.com/watch?v=_rA9r7QHPig`

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[16 Jun 2020 Tue] Orchard Road Walking Exercises: 5593 steps or 4.26 km in one hour

(2020-06-16 22:52) - Turritopsis Dohrnii Teo En Ming

Subject: [16 Jun 2020 Tue] Orchard Road Walking Exercises: 5593 steps or 4.26 km in one hour

On 16 June 2020 Tuesday, I, Mr. Turritopsis Dohrnii Teo En Ming, have walked 5593 steps or 4.26 km from Orchard Road MRT Station (Singapore) to The Cathay shopping center (Singapore) and from The Cathay shopping center back to Orchard Road MRT Station in one hour.

My fasting blood glucose readings after the walking exercise is 5.7 mmol/L.

My blood pressure readings after the walking exercise is 132/89.

I have been doing consistent walking exercises for a few years until suspension on 13 April 2020. I resumed/restarted walking exercises on 2 June 2020.

I would like to continue doing walking exercises every day for at least 45 mins to one hour or more until I am 14 BILLION years old. I need to have determination and perseverance in doing walking exercises every day to keep fit and healthy until I am 14 BILLION years old. I want to live until 14 BILLION years old.

I cannot run or jog because of early onset of osteoarthritis (wear and tear) of both knees at 40 years old. As of 16 June 2020, I am 42 years old. I have the capability to walk up to 17 km in one day.

YouTube video: Why You Should Start Walking Every Day

Link: [1]https://www.youtube.com/watch?v=lkgXUCgskz0

YouTube video: [Chinese Song and Music Video] (Accurate translation: I really wish to live for another 500 years) in "The Era of Emperor Kangxi" TV drama.

Link: [2]https://www.youtube.com/watch?v= _rA9r7QHPig

1. `https://www.youtube.com/watch?v=lkgXUCgskz0`
2. `https://www.youtube.com/watch?v=_rA9r7QHPig`

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[15 Jun 2020 Mon] Orchard Road Walking Exercises: 5140 steps or 3.92 km in one hour

(2020-06-15 22:24) - Turritopsis Dohrnii Teo En Ming

Subject: [15 Jun 2020 Mon] Orchard Road Walking Exercises: 5140 steps or 3.92 km in one hour

On 15 June 2020 Monday, I, Mr. Turritopsis Dohrnii Teo En Ming, have walked 5140 steps or 3.92 km from Orchard Road MRT Station (Singapore) to The Cathay shopping center (Singapore) and from The Cathay shopping center back to Orchard Road MRT Station in one hour (55 minutes to be exact).

My fasting blood glucose readings after the walking exercise are 6.1 mmol/L and 6.1 mmol/L (take 2 readings to confirm).

My blood pressure readings after the walking exercise are 114/83 and 110/85 (take 2 readings to confirm).

I have been doing consistent walking exercises for a few years until suspension on 13 April 2020. I resumed/restarted walking exercises on 2 June 2020.

I would like to continue doing walking exercises every day for at least 45 mins to one hour or more until I am 14 BILLION years old. I need to have determination and perseverance in doing walking exercises every day to keep fit and healthy until I am 14 BILLION years old. I want to live until 14 BILLION years old.

I cannot run or jog because of early onset of osteoarthritis (wear and tear) of both knees at 40 years old. As of 15 June 2020, I am 42 years old. I have the capability to walk up to 17 km in one day.

YouTube video: Why You Should Start Walking Every Day

Link: [1]https://www.youtube.com/watch?v=lkgXUCgskz0

YouTube video: [Chinese Song and Music Video] (Accurate translation: I really wish to live for another 500 years) in "The Era of Emperor Kangxi" TV drama.

Link: [2]https://www.youtube.com/watch?v= _rA9r7QHPig

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(I really wish to live for another 500 years) (2020-06-14 12:34) - Turritopsis Dohrnii Teo En Ming

(I really wish to live for another 500 years)

[YOUTUBE] The Era of Emperor Kangxi Episode 1

Link: [1]https://www.youtube.com/watch?v= _rA9r7QHPig

1. `https://www.youtube.com/watch?v=_rA9r7QHPig`

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[Youtube] Why You Should Start Walking Every Day (2020-06-13 21:35) - Turritopsis Dohrnii Teo En Ming

Link: [1]https://www.youtube.com/watch?v=lkgXUCgskz0

1. `https://www.youtube.com/watch?v=lkgXUCgskz0`

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CT Brain Scan (12 Jun 2020) and MRI Brain Scan (13 Jun 2020) at Changi General Hospital (Singapore): All Normal (2020-06-13 21:32) - Turritopsis Dohrnii Teo En Ming

Subject: CT Brain Scan (12 Jun 2020) and MRI Brain Scan (13 Jun 2020) at Changi General Hospital (Singapore): All Normal

Name of Patient: Mr. Turritopsis Dohrnii Teo En Ming (Zhang Enming) @ Time Traveller
Age (as of 13 Jun 2020): 42 years old
Hospital: Changi General Hospital
Country: Singapore
Admission Date: 12 June 2020 Friday
Discharge Date: 13 June 2020 Saturday

CT Brain Scan (12 Jun 2020 Fri): NORMAL
MRI Brain Scan (13 Jun 2020 Sat): NORMAL

Experience:

- Doctors, nurses and other staffs at the hospital are very friendly, approachable and helpful.
- Air-conditioned 5-bedder ward.
- Regular health checkups give you peace of mind.

Legend
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CT: Computed Tomography
MRI: Magnetic Resonance Imaging

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[11 Jun 2020 Thursday] Walking Exercise: 5437 steps or 4.14 km in 52 mins (2020-06-11 20:49) - Turritopsis Dohrnii Teo En Ming

[11 Jun 2020 Thursday] Walking Exercise: 5437 steps or 4.14 km in 52 mins

Total number of steps for the day: 10955 steps or 8.35 km

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[9 Jun 2020 Tuesday] Walking Exercise: 6281 steps or 4.79 km in 1 hour 15 mins (2020-06-09 19:40) - Turritopsis Dohrnii Teo En Ming

[9 Jun 2020 Tuesday] Walking Exercise: 6281 steps or 4.79 km in 1 hour 15 mins

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Nikon B700 Digital Compact Camera bought on 19 Oct 2016 (2020-06-09 16:48) - Turritopsis Dohrnii Teo En Ming

Nikon B700 Digital Compact Camera bought on 19 Oct 2016

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Samsung Galaxy Note 7 bought on 21 Aug 2016 (2020-06-09 16:47) - Turritopsis Dohrnii Teo En Ming

Samsung Galaxy Note 7 bought on 21 Aug 2016

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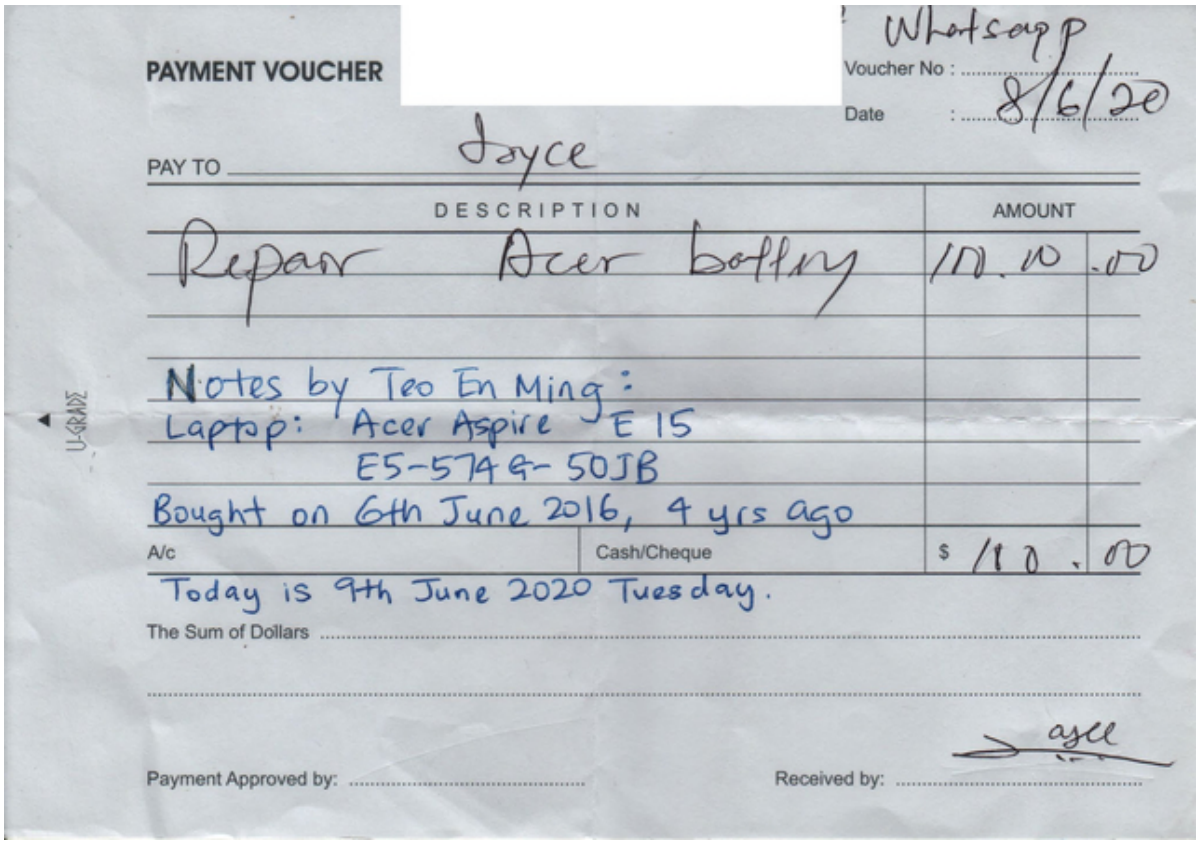
Replaced/repaired Acer laptop battery for $100 on 8 June 2020 Monday (2020-06-09 16:45) - Turritopsis Dohrnii Teo En Ming

My laptop is Acer Aspire E 15, E5-574G-50JB. Bought on 6 June 2016, 4 years ago.



PAYMENT VOUCHER

Whatsapp

Voucher No : .....

Date : 8/6/20

PAY TO Joyce

DESCRIPTION	AMOUNT
Repair Acer battery	110.00

Notes by Teo En Ming:
Laptop: Acer Aspire E 15
E5-574G-50JB
Bought on 6th June 2016, 4 yrs ago

A/c | Cash/Cheque | $ 110.00

Today is 9th June 2020 Tuesday.

The Sum of Dollars .....

Payment Approved by: .....

Received by: .....

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[8 Jun 2020 Monday] Walking Exercise: 7304 steps or 5.57 km (2020-06-08 20:01) - Turritopsis Dohrnii Teo En Ming

[8 Jun 2020 Monday] Walking Exercise: 7304 steps or 5.57 km

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Chief Investment Officer (CIO) of Singapore Government Linked Company (GLC) earns at least $85,000 per month (2020-06-07 23:54) - Turritopsis Dohrnii Teo En Ming

Reporting by Mr. Turritopsis Dohrnii Teo En Ming (Targeted Individual), Singapore.

I am sharing a Facebook post by Gerald Tan, as follows.

"UNFAIRNESS OF PAP MACHINERY EXPOSED!

TPL told Singaporean during the parliamentary session that each Singapore citizen directly or indirectly received an amount of $23225 for the covid relief budget base on total sum divided by per capita. What she says is not all wrong. Let me share something here to our astonishment and just an example is enough to give PAP a tight slap on their thick skinned face!

As some may know I'm quite well connected with several high net worth individuals in Singapore through extensive social networking. This morning, I caught up with a friend who is the Chief Investment Officer (CIO) of a GLC in Singapore. Popping the question, I asked him how much he is getting from the JSS & Employee Wage Supplement Scheme. After a pause of 10s, he said: "My monthly salary is $85000, not inclusive of many other incentives and bonuses". The subsidy scheme will go on for 6 months. 75 % of his basic multiply by 6 months and he shall be getting $382,500 from the budget, not including other various scheme and solidarity payment. Instantly, I felt cheated and I continue to ask more question on a friendly tone. Lord and behold, the CEO has a package of $180,000 monthly and 15 members from the Board appointees, mostly the grassroot leaders, advisors or former ministers/MP has an equivalent package. The CEO, COO, CIO & CMO are from the MIW. Only the CFO was an ex-banker from a local bank (also kaki lang) . This is just a GLC and we have more than a hundred GLC. Imagine, at least 50 beneficiaries from each GLCs and each of them draw an average of $500,000 from the solidarity budget. How many billions were used to pay such high net worth who are already staying in bungalow and eating bird nest everyday like drinking tap water? Apart, how many billions were used to fund the ailing GLCs and how many billions were squandered on rehousing foreign workers!

The ordinary people with no relation to PAP are receiving $600. An amount not enough to last for 2 weeks. About a trillion Singapore Dollar had been used and everyone have to be responsible to fill up the coffer post covid through a wide array of new taxes and a drastic increase in all essential stuff. That saying, each and everyone need to spend 30 years to return a sum of $30000 to $50000 back to the government, inclusive of inflation over 30 years. Is this fair? The elitist will be happy because they are getting half a million to few millions from the budget and they need to only pay back a token of 10 % or less.

WHAT AUDACITY DID TPL HAVE TO MAKE A CLAIM THAT ALL SINGAPOREAN BENEFITTED AN AMOUNT OF $23225 FROM THE BUDGET! WHY ARE WE RESPONSIBLE TO COUGH OUT THAT AMOUNT OVER 30 YEARS BACK TO THE NATIONAL RESERVE WHEN WE HAD ONLY RECEIVED A TOKEN OF $600 TO $3000?

I'M GIVING A VIRTUAL SLAP TO PAP AND I ASK EVERYONE WHO FELT INDIGNANT ON THE UNFAIRNESS TO GIVE A SLAP VIRTUALLY TO THE PAP DURING GE. PAP IS RUBBISH, AN ELITISM PARTY UNITING CRONYISM & NEPOTISM. A NARCISSIST BUNCH CULTIVATING NARCISSISM BULLYING ORDINARY CITIZEN WHO ARE DEFENCELESS."

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[7 Jun 2020 Sunday] Walking Exercise: 4795 steps or 3.65 km in 45 mins (2020-06-07 20:06) - Turritopsis Dohrnii Teo En Ming

[7 Jun 2020 Sunday] Walking Exercise: 4795 steps or 3.65 km in 45 mins

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Microsoft helped me install Ubuntu Linux on my Windows 10 PC, and it's actually pretty good

(2020-06-07 20:03) - Turritopsis Dohrnii Teo En Ming

Link: [1]https://www.zdnet.com/article/microsoft-helped-me-install-ubuntu -linux-on-my-windows-10-pc-and-its-actually-pretty-good/

1. https://www.zdnet.com/article/microsoft-helped-me-install-ubuntu-linux-on-my-windows-10-pc-and-its-actually-pretty-good/

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Contribute at the Fedora CoreOS Test Day (2020-06-07 20:01) - Turritopsis Dohrnii Teo En Ming

Link: [1]https://fedoramagazine.org/contribute-at-the-fedora-coreos-test- day/

1. `https://fedoramagazine.org/contribute-at-the-fedora-coreos-test-day/`

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Lenovo’s Massive Ubuntu And Red Hat Announcement Levels Up Linux In 2020 (2020-06-07 20:00) - Turritopsis Dohrnii Teo En Ming

Link: [1]https://www.forbes.com/sites/jasonevangelho/2020/06/03/lenovos-m assive-ubuntu-and-red-hat-announcement-levels-up-linux-in-2020/ #76680517ae0c

1. https://www.forbes.com/sites/jasonevangelho/2020/06/03/lenovos-massive-ubuntu-and-red-hat-announcement-levels-up-linux-in-2020/#76680517ae0c

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AMD Ryzen-Powered Raspberry Pi Rival Uses Radeon Vega Graphics (2020-06-07 19:58) - Turritopsis Dohrnii Teo En Ming

Link: [1]https://www.tomshardware.com/news/axiomtek-capa13r-amd-ryzen-rad eon-vega-raspberry-pi

1. https://www.tomshardware.com/news/axiomtek-capa13r-amd-ryzen-radeon-vega-raspberry-pi

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[YOUTUBE] [Best Scene] ParkBogum & Kim Yoo-jung, 'Picture Perfect' (Love in the Moonlight Ep.18) (2020-06-06 21:46) - Turritopsis Dohrnii Teo En Ming

Link: [1]https://www.youtube.com/watch?v=4jDIvEFeH-8

1. https://www.youtube.com/watch?v=4jDIvEFeH-8

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My eye mucus problem improved since 2 Jun 2020 Tuesday (2020-06-06 21:44) - Turritopsis Dohrnii Teo En Ming

My eye mucus problem improved since 2 Jun 2020 Tuesday.

On 6 June 2020 Saturday, I attended an e-commerce and digital marketing online training class from 9 AM to 6 PM without feeling tired at all and without having to frequently wipe off my eye mucus.

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[6 Jun 2020 Sat] Walking Exercise: 4729 steps or 3.60 km in 55 mins (2020-06-06 21:40) - Turritopsis Dohrnii Teo En Ming

[6 Jun 2020 Sat] Walking Exercise: 4729 steps or 3.60 km in 55 mins

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[5 Jun 2020 Friday] Walking Exercise: 4743 steps or 3.61 km in 50 mins (2020-06-05 19:42) - Turritopsis Dohrnii Teo En Ming

[5 Jun 2020 Friday] Walking Exercise: 4743 steps or 3.61 km in 50 mins

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It took 121202 seconds or 33.67 hours to write zeroes to a Seagate 3 TB harddisk ST3000DM001

(2020-06-04 14:11) - Turritopsis Dohrnii Teo En Ming

It took 121202 seconds or 33.67 hours to write zeroes to a Seagate 3 TB harddisk ST3000DM001

5859152097+0 records in
5859152097+0 records out
2999885873664 bytes (3.0 TB, 2.7 TiB) copied, 121157 s, 24.8 MB/s
dd: writing to ’/dev/sdd’: No space left on device
5860533169+0 records in
5860533168+0 records out
3000592982016 bytes (3.0 TB, 2.7 TiB) copied, 121202 s, 24.8 MB/s

©2020 tdtemcerts.blogspot.com

[3 Jun 2020 Wed] Walking Exercise: 4683 steps or 3.57 km in 60 mins (2020-06-03 19:45) - Turritopsis Dohrnii Teo En Ming

[3 Jun 2020 Wed] Walking Exercise: 4683 steps or 3.57 km in 60 mins

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Blood pressure reading on 2 June 2020 (2020-06-03 10:27) - Turritopsis Dohrnii Teo En Ming

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Medication List as at 3 June 2020 (2020-06-03 10:24) - Turritopsis Dohrnii Teo En Ming

Medication List as at 3 June 2020
==========

Morning
=======

Metformin HCL 500 mg
Jardiance 10 mg (OPTIONAL)
Diovan Valsartan 80 mg tablet
Vitamin B12 500 mcg tablet
Omega 3 Fish Oil 1000 mg 2 capsules
Glucosamine Sulphate 500 mg 2 capsules

Mid-day (OPTIONAL)
==========

Omega 3 Fish Oil 1000 mg 2 capsules
Glucosamine Sulphate 500 mg 2 capsules

Evening
=======

Metformin HCL 500 mg
Lovastatin 40 mg (2 x 20mg tablets)
Omega 3 Fish Oil 1000 mg 2 capsules
Glucosamine Sulphate 500 mg 2 capsules

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Resumed walking exercises on 2 June 2020 Tuesday (2020-06-02 19:14) - Turritopsis Dohrnii Teo En Ming

Resumed walking exercises on 2 June 2020 Tuesday.

Walked 4239 steps or 3.23 km in 45 minutes, from my home to the MRT station and from the MRT station back to my home.

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How to write zeroes to your harddisk (2020-06-02 15:28) - Turritopsis Dohrnii Teo En Ming

mount

sudo dd if=/dev/zero of=/dev/sdd

ps -ef | grep dd

while true;
do
sudo kill -USR1 14865;
sleep 10;
done

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1.8 May

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[Hong Kong TV medical drama] Big White Duel (2020-05-26 20:27)

- Turritopsis Dohrnii Teo En Ming

Link: [1]https://en.wikipedia.org/wiki/Big _White _Duel

1. https://en.wikipedia.org/wiki/Big_White_Duel

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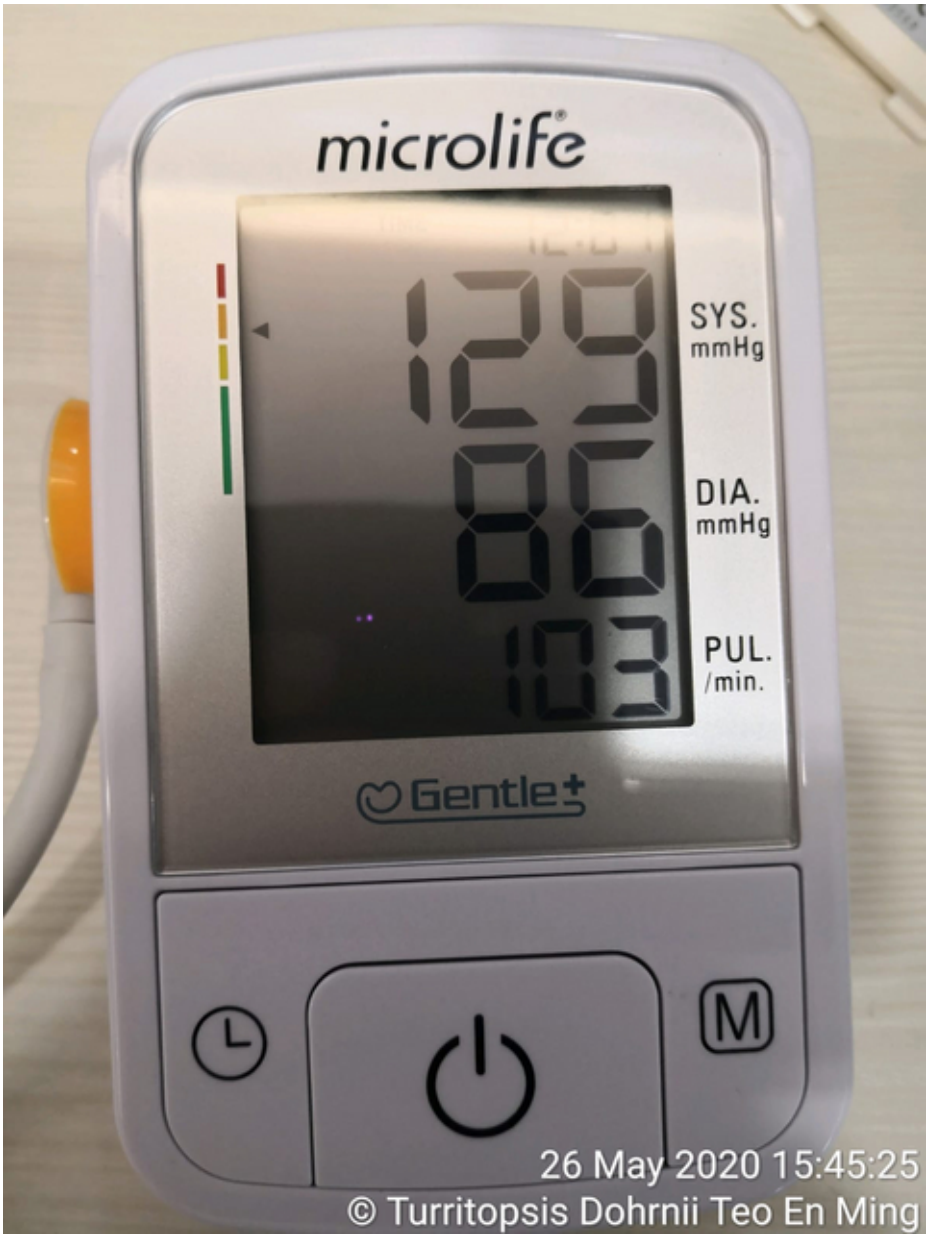
More/extra blood pressure readings on 26 May 2020 Tuesday (2020-05-26 20:25) - Turritopsis Dohrnii Teo En Ming



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To remove BP cuff from cable
2
1 Press
Inflate/Stop
Cycle
History
On/Off
Systolic
129 mmHg
MAP/Cuff
93 mmHg
Diastolic
71 mmHg
-- min
Pulse Rate
92 bpm
CHARGING
SpO2
V100
26 May 2020 16:01:29
© Turritopsis Dohrnii Teo En Ming

I think my home blood pressure meter could be faulty and giving me unusually high readings

(2020-05-26 15:04) - Turritopsis Dohrnii Teo En Ming

I think my home blood pressure meter could be faulty and giving me unusually high readings, and also distress.

In the past, when I visited polyclinics and hospitals, my blood pressure usually hovers around 130/80 (borderline blood pressure).

On 7 March 2020, I bought a Microlife blood pressure meter for $69 at Toa Payoh Polyclinic. I started taking home blood pressure readings on 8 May 2020. However, blood pressure readings taken by Microlife blood pressure meter can be unusually high from time to time. I started suspecting it could be faulty.

This morning (26 May 2020 Tuesday) I went to Singapore General Hospital at 10.10 AM. The following photos show 3 separate blood pressure readings taken at Singapore General Hospital, all taken this morning. All blood pressure readings are below 130.

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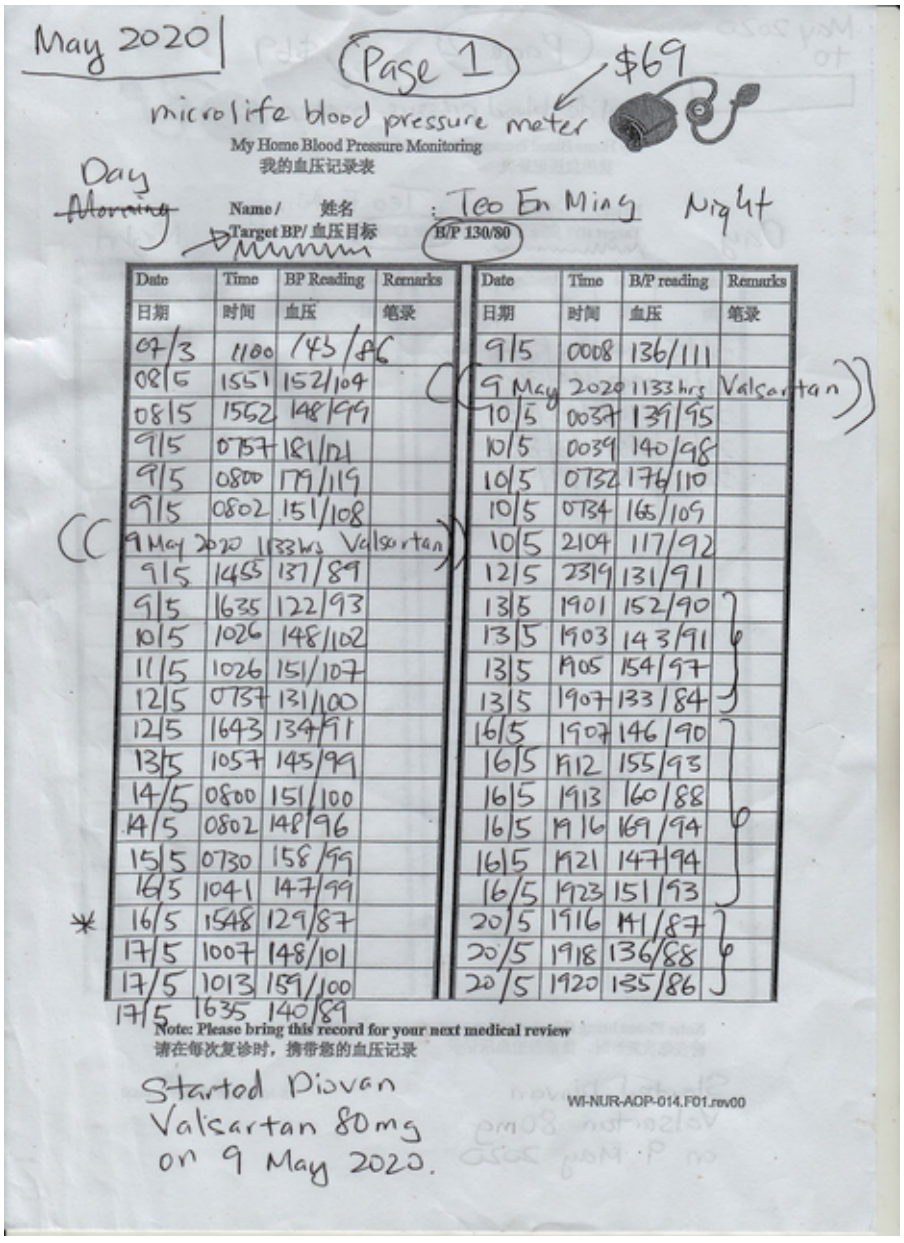
WelchAllyn
BME , SGH
1027087
COMMISSIONED
By: SHELLY, BME
On: 08/01/2020
ECN: 1027087
10:33
26/05/2020
Spot check
129/77
START
PULSE RATE
85
/MIN
??
Adult
HEIGHT WEIGHT PAIN RR
Clear
Save
Home
Patients
Review
Settings
SHTL3 SOC
26 May 2020 10:35:30
© Turritopsis Dohrnii Teo En Ming

WelchAllyn
BME , SGH
1027087
COMMISSIONED
By: SHELLY, BME
On: 08/01/2020
ECN: 1027087
11:15
26/05/2020
Spot check
126/85
START
PULSE RATE
91
/MIN
??
Adult
HEIGHT WEIGHT PAIN RR
Clear
Save
Home
Patients
Review
Settings
SHTL3 SOC
26 May 2020 11:16:54
© Turritopsis Dohrnii Teo En Ming

Compare the blood pressure readings above to the possibly erroneous home blood pressure readings taken below, which are unusually high from time to time. It is enough to cause anyone significant distress.



May 2020 Page 1 $69

microlife blood pressure meter

My Home Blood Pressure Monitoring
我的血压记录表

Day ~~Morning~~ Name/ 姓名 : Teo En Ming Night

Target BP/ 血压目标 B/P 130/80

Date 日期	Time 时间	BP Reading 血压	Remarks 笔录
07/3	1100	145/86	
08/5	1551	152/104	
08/5	1562	148/99	
9/5	0757	181/121	
9/5	0800	179/119	
9/5	0802	151/108	
9 May 2020	1133 hrs	Valsartan	
9/5	1455	137/89	
9/5	1635	122/93	
10/5	1026	148/102	
11/5	1026	151/107	
12/5	0737	131/100	
12/5	1643	134/91	
13/5	1057	145/99	
14/5	0800	151/100	
14/5	0802	148/96	
15/5	0730	158/99	
16/5	1041	147/99	
* 16/5	1548	129/87	
17/5	1007	148/101	
17/5	1013	159/100	
17/5	1635	140/89	

Date 日期	Time 时间	B/P reading 血压	Remarks 笔录
9/5	0008	136/111	
9 May 2020	1133 hrs	Valsartan	
10/5	0037	139/95	
10/5	0039	140/98	
10/5	0732	176/110	
10/5	0734	165/109	
10/5	2104	117/92	
12/5	2319	131/91	
13/5	1901	152/90	
13/5	1903	143/91	
13/5	1905	154/97	
13/5	1907	133/84	
16/5	1907	146/90	
16/5	1912	155/93	
16/5	1913	160/88	
16/5	1916	169/94	
16/5	1921	147/94	
16/5	1923	151/93	
20/5	1916	141/87	
20/5	1918	136/88	
20/5	1920	135/86	

Note: Please bring this record for your next medical review
请在每次复诊时，携带您的血压记录

WI-NUR-AOP-014.F01.rev00

Started Diovan Valsartan 80mg on 9 May 2020.

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May 2020
to
May 2020

Page 2

$69

microlife blood pressure meter

My Home Blood Pressure Monitoring
我的血压记录表

Name / 姓名: Teo En Ming

Target BP/ 血压目标 B/P 130/80

Day

Date 日期	Time 时间	BP Reading 血压	Remarks 笔录
21/5	0940	143/87	
21/5	0943	144/94	
21/5	1708	142/83	
22/5	0954	133/88	
22/5	1250	129/90	
23/5	1109	162/101	
23/5	1111	142/96	
23/5	1113	137/102	
23/5	1309	144/97	
23/5	1551	143/82	
23/5	1712	148/91	
23/5	1833	111/77	
24/5	0721	170/106	
24/5	0727	147/100	
24/5	1111	134/82	
24/5	1114	134/87	
24/5	1600	141/86	
25/5	0735	146/98	
25/5	1215	142/95	
25/5	1700	135/81	
26/5	0811	143/90	

Night

Date 日期	Time 时间	B/P reading 血压	Remarks 笔录
22/5	2054	142/78	
22/5	2057	142/87	
22/5	2059	128/84	
22/5	2232	140/88	
22/5	2235	119/85	
22/5	2237	113/81	
22/5	2239	119/83	
22/5	2241	141/75	
23/5	0050	138/87	
23/5	0052	107/85	
23/5	0054	138/83	
24/5	1821	121/82	
24/5	1955	138/87	
24/5	2101	139/86	
25/5	1115	145/83	
25/5	1119	124/74	
25/5	1122	91/76	☆☆☆☆ ☆☆☆
25/5	2100	116/82	
26/5	1406	146/95	

Note: Please bring this record for your next medical review
请在每次复诊时，携带您的血压记录

WI-NUR-AOP-014.F01.rev00

Started Diovan Valsartan 80mg on 9 May 2020

Quantum Physicists Found Evidence That Humans Have an Immortal Soul (2020-05-25 20:12) - Turritopsis Dohrnii Teo En Ming

Link: [1]https://alienstar.net/quantum-physicists-found-evidence-that-human s-have-an-immortal-soul/

1. https://alienstar.net/quantum-physicists-found-evidence-that-humans-have-an-immortal-soul/

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There is NO life after death: Scientist insists afterlife is IMPOSSIBLE (2020-05-25 20:10) - Turritopsis Dohrnii Teo En Ming

Link: [1]https://www.express.co.uk/news/science/848991/life-after-death-w hat-happens-when-you-die-quantum-physics

1. https://www.express.co.uk/news/science/848991/life-after-death-what-happens-when-you-die-quantum-physics

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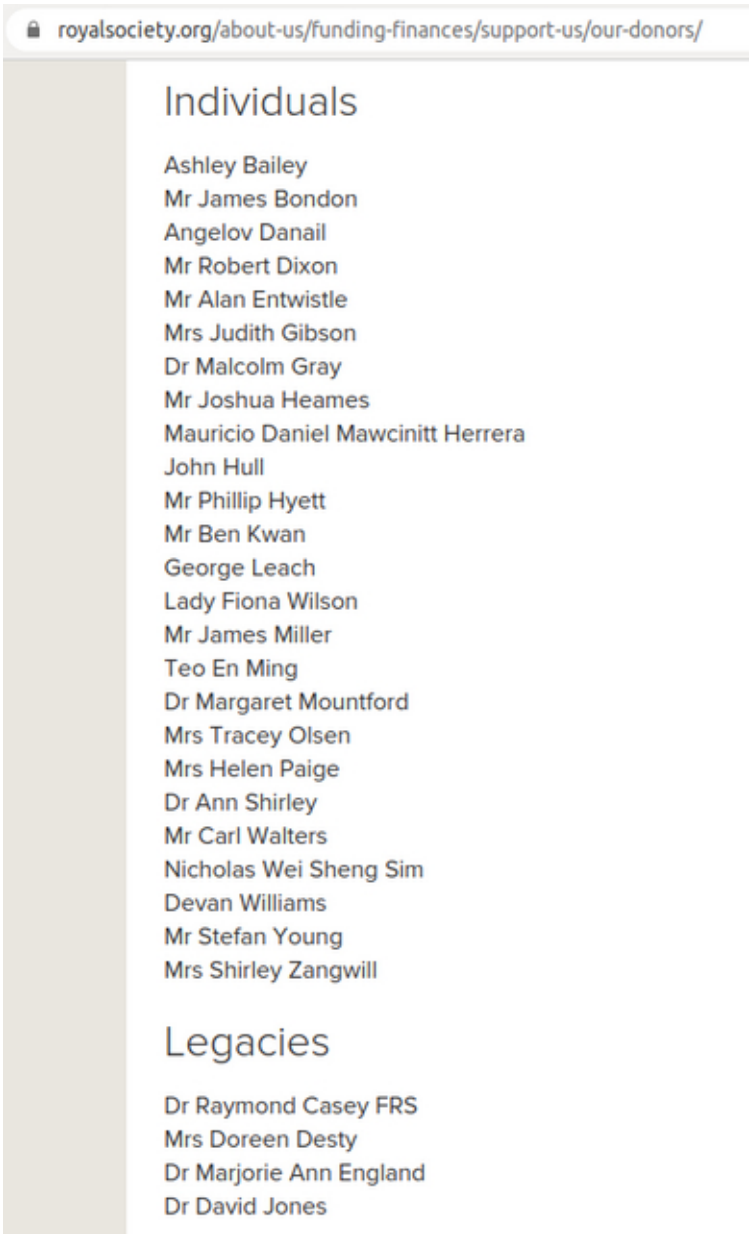
Donations to the Royal Society (United Kingdom's National Academy of Sciences) (2020-05-25 20:07) - Turritopsis Dohrnii Teo En Ming



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Mission Impossible Job Opportunity (2020-05-25 17:29) - Turritopsis Dohrnii Teo En Ming

Recruitment agency told me there are openings for Linux System Engineer.

So I attended the online job interview at 2 PM today (25 May 2020 Monday).

Interviewer told me there are 2 rotating shifts. The 1st shift is 4.30 AM in the morning to 2 PM. Which means I have to wake up at 2 AM or 2.30 AM in the morning. Who in the world can wake up so early in the morning?!?!?! Especially when it's only 2 hours after midnight.

The next requirement is you need to climb 3-4 meters to the top of ERP gantries to troubleshoot. A lot of people have height phobia. So again, this is a no go.

I thought Linux Systems Engineer is a data center or office job. Apparently not. This is a Land Transport Authority (LTA) Linux Systems Engineer role for ERP gantries.

The ERP gantries are using Linux operating systems.

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[Oxford University Press] EXAMINING PSYCHOSIS IN SOCIAL MEDIA: THE TARGETED INDIVIDUALS MOVEMENT AND THE POTENTIAL OF PATHOLOGICAL ECHO-CHAMBERS (2020-05-24 20:13) - Turritopsis Dohrnii Teo En Ming

Abstract

Background

"Targeted Individuals" (TI) have gained prominence as a social media-fed movement whose members feel persecuted by governments and private actors. TI's have embraced social media platforms such as Facebook to validate views that, from a psychiatric perspective, appear to resemble those of psychosis patients, such as being subject to organized observation, and thought extraction and insertion using advanced technologies. Postings to TI groups reflect the pervasive betrayal, isolation, suffering and stress associated with these beliefs. However, much remains unknown about this emergent internet phenomenon. Do such groups contribute to psychopathology through "echo chamber" and societal reinforcement effects, or conversely, do groups of such like-minded individuals provide nurturing and a sense of belonginess?

Methods

We used Linguistic Inquiry and Word Count (LIWC) textual coding on a large database of Facebook group posts. These posts included i) TI social media groups and two control categories: ii) conspiracy theory groups (a control for individual persecution), and iii) political groups (a general social media control). These social media group were divided within category into exploratory and confirmatory samples that were well-matched across categories on numbers of members, posts, length of posts and length of individual participation. Exploratory LIWC analyses used MANOVA's within general linguistic categories and focused on textually rich postings and active participants. Confirmatory analyses examined only those linguistic categories found to be consistently different in the TI group relative to the two others. Finally, we used Generalized Linear Mixed Models to examine longitudinal change in variables that were consistently unusual.

Results

We replicated previous findings of linguistic analyses in people with schizophrenia, showing that TI group members used more first-person singular pronouns and expressed more negative emotions. However, contrary to people with schizophrenia, TI group members use more words per sentences compared to our other Facebook group users. In addition, TI group members also used more perceptual words and used body and health words more commonly. TI posts were also more self-focused and showed cognitive word use abnormalities. Examining the subset of abnormal textual variables longitudinally showed that the most abnormal postings that were observed at the outset persisted overtime without necessarily becoming more or less pronounced.

Discussion

This study examined the potential for social media to act as a contagion or an echo chamber for distressing ideas associated with being observed and manipulated by a malevolent government or society. While the current findings suggested a number of ways in which TI group members writings are similar to patients with psychosis there was not strong evidence that continued involved either increased or decreased individuals' tendencies to make such linguistic utterances over time. This work suggests the importance of continuing to work to understand this population, and perhaps speaks to the possibility of engaging TI group members in further research.

Link: [1]https://academic.oup.com/schizophreniabulletin/article/45/Supple ment _2/S250/5434704

1. `https://academic.oup.com/schizophreniabulletin/article/45/Supplement_2/S250/5434704`

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What causes mucus strands in the eyes? (2020-05-24 20:07) - Turritopsis Dohrnii Teo En Ming

Link: [1]https://www.medicalnewstoday.com/articles/321722

1. `https://www.medicalnewstoday.com/articles/321722`

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Identifying Types of Eye Mucus (2020-05-24 14:23) - Turritopsis Dohrnii Teo En Ming

Identifying Types of Eye Mucus

Link: [1]https://www.verywellhealth.com/eye-mucus-types-3422108

Stringy, White Mucus
==========

Stringy, white mucus may represent allergic conjunctivitis.

Eye allergies can make you miserable. The allergic response may produce deposits and material that stick together, collecting inside of your eye or under the lower eyelid. A common complaint of people with allergic conjunctivitis is "I keep having to pull this white, stringy mucus out of my eye!"

If eye allergies become severe, eye drops or oral medications may be prescribed. Your eye doctor might recommend instilling chilled, over-the-counter, artificial tears several times a day. This serves to rehydrate and lubricate your eye and dilutes the numbers of antigens present in your tears.

1. `https://www.verywellhealth.com/eye-mucus-types-3422108`

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All animals want to live (2020-05-22 13:33) - Turritopsis Dohrnii Teo En Ming

How do I remove shadows on photos using GIMP? (2020-05-22 13:13) - Turritopsis Dohrnii Teo En Ming

Subject: How do I remove shadows on photos using GIMP?

Good afternoon from Singapore,

How do I remove shadows on photos using GIMP?

I am looking forward to hearing from you soon.

Thank you.

REFERENCES
==========

[1] [1]https://mail.gnome.org/archives/gimp-user-list/2020-May/msg00054.html

[2] [2]https://marc.info/?l=gimp-user &m=159004605613919 &w=2

1. https://mail.gnome.org/archives/gimp-user-list/2020-May/msg00054.html
2. https://marc.info/?l=gimp-user&m=159004605613919&w=2

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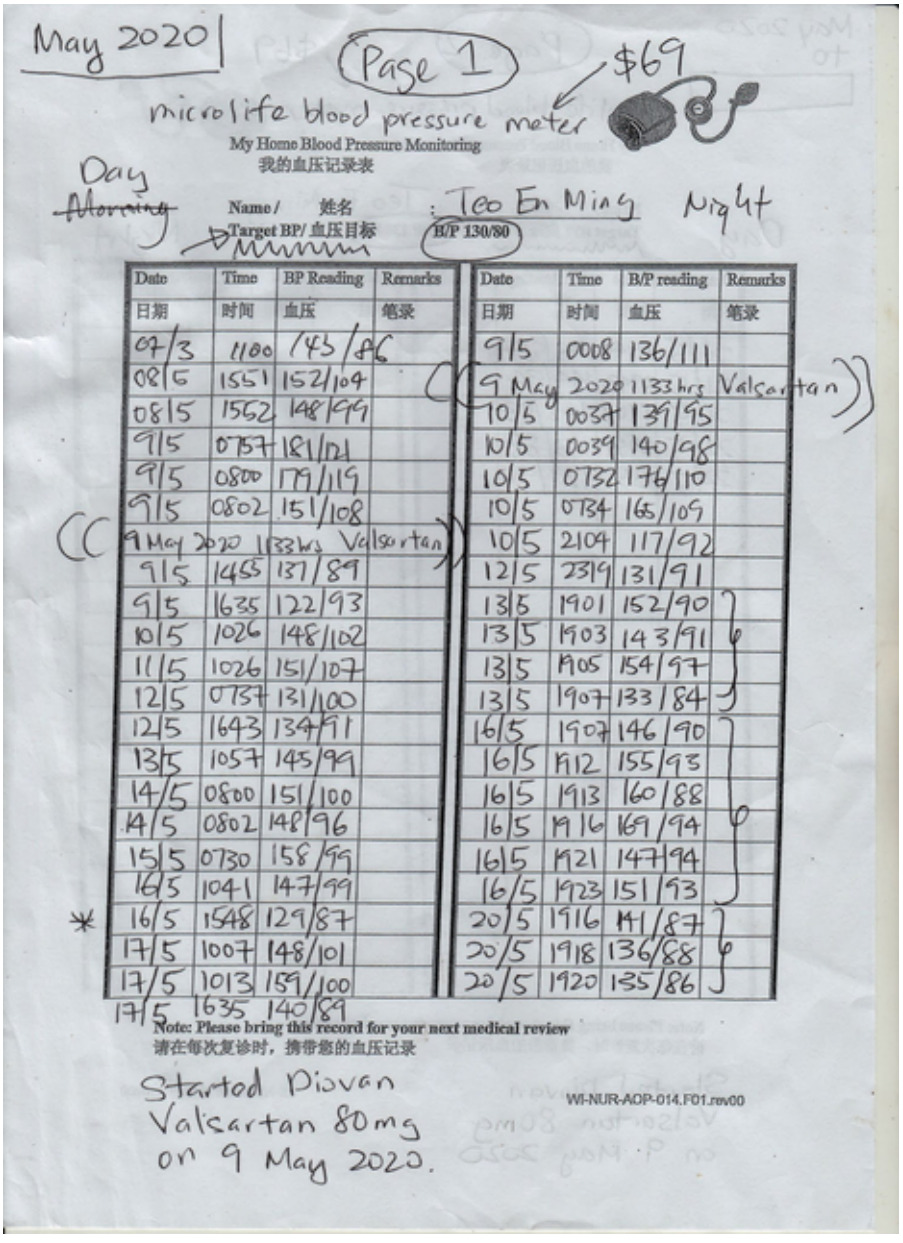
Blood pressure readings for the month of May 2020 (2020-05-22 13:08) - Turritopsis Dohrnii Teo En Ming



May 2020 Page 1

$69

microlife blood pressure meter

My Home Blood Pressure Monitoring
我的血压记录表

~~Morning~~ Day

Name / 姓名 : Teo En Ming Night

Target BP/ 血压目标 B/P 130/80

Date 日期	Time 时间	BP Reading 血压	Remarks 笔录
07/3	1100	145/86	
08/5	1551	152/104	
08/5	1552	148/99	
9/5	0757	181/121	
9/5	0800	179/119	
9/5	0802	151/108	
9 May 2020	1133 hrs	Valsartan	
9/5	1453	137/89	
9/5	1635	122/93	
10/5	1026	148/102	
11/5	1026	151/107	
12/5	0757	131/100	
12/5	1643	134/91	
13/5	1057	145/99	
14/5	0800	151/100	
14/5	0802	148/96	
15/5	0730	158/99	
16/5	1041	147/99	
16/5	1548	129/87	
17/5	1007	148/101	
17/5	1013	159/100	
17/5	1635	140/89	

Date 日期	Time 时间	B/P reading 血压	Remarks 笔录
9/5	0008	136/111	
9 May	2020 1133 hrs	Valsartan	
10/5	0037	139/95	
10/5	0039	140/98	
10/5	0732	176/110	
10/5	0734	165/109	
10/5	2104	117/92	
12/5	2319	131/91	
13/5	1901	152/90	
13/5	1903	143/91	
13/5	1905	154/97	
13/5	1907	133/84	
16/5	1907	146/90	
16/5	1912	155/93	
16/5	1913	160/88	
16/5	1916	169/94	
16/5	1921	147/94	
16/5	1923	151/93	
20/5	1916	141/87	
20/5	1918	136/88	
20/5	1920	135/86	

Note: Please bring this record for your next medical review
请在每次复诊时，携带您的血压记录

WI-NUR-AOP-014.F01.rev00

Started Diovan Valsartan 80mg on 9 May 2020.

May 2020
to

Page 2

$69

microlife blood pressure meter

My Home Blood Pressure Monitoring
我的血压记录表

Name / 姓名: Teo En Ming

Target BP/ 血压目标: B/P 130/80

Day

Date 日期	Time 时间	BP Reading 血压	Remarks 笔录
21/5	0940	143/87	
21/5	0943	144/94	
21/5	1708	142/83	
22/5	0954	133/88	
22/5	1250	129/90	

Night

Date 日期	Time 时间	B/P reading 血压	Remarks 笔录

Note: Please bring this record for your next medical review
请在每次复诊时，携带您的血压记录

WI-NUR-AOP-014.F01.rev00

Started Diovan Valsartan 80mg on 9 May 2020

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[Change.org] Desire to get recognition as a Targeted Individual (TI) (2020-05-20 11:15) - Turritopsis Dohrnii Teo En Ming

Please sign my petition.

Link: [1]https://www.change.org/p/united-nations-desire-to-get-recognition-as-a -targeted-individual-ti

1. https://www.change.org/p/united-nations-desire-to-get-recognition-as-a-targeted-individual-ti

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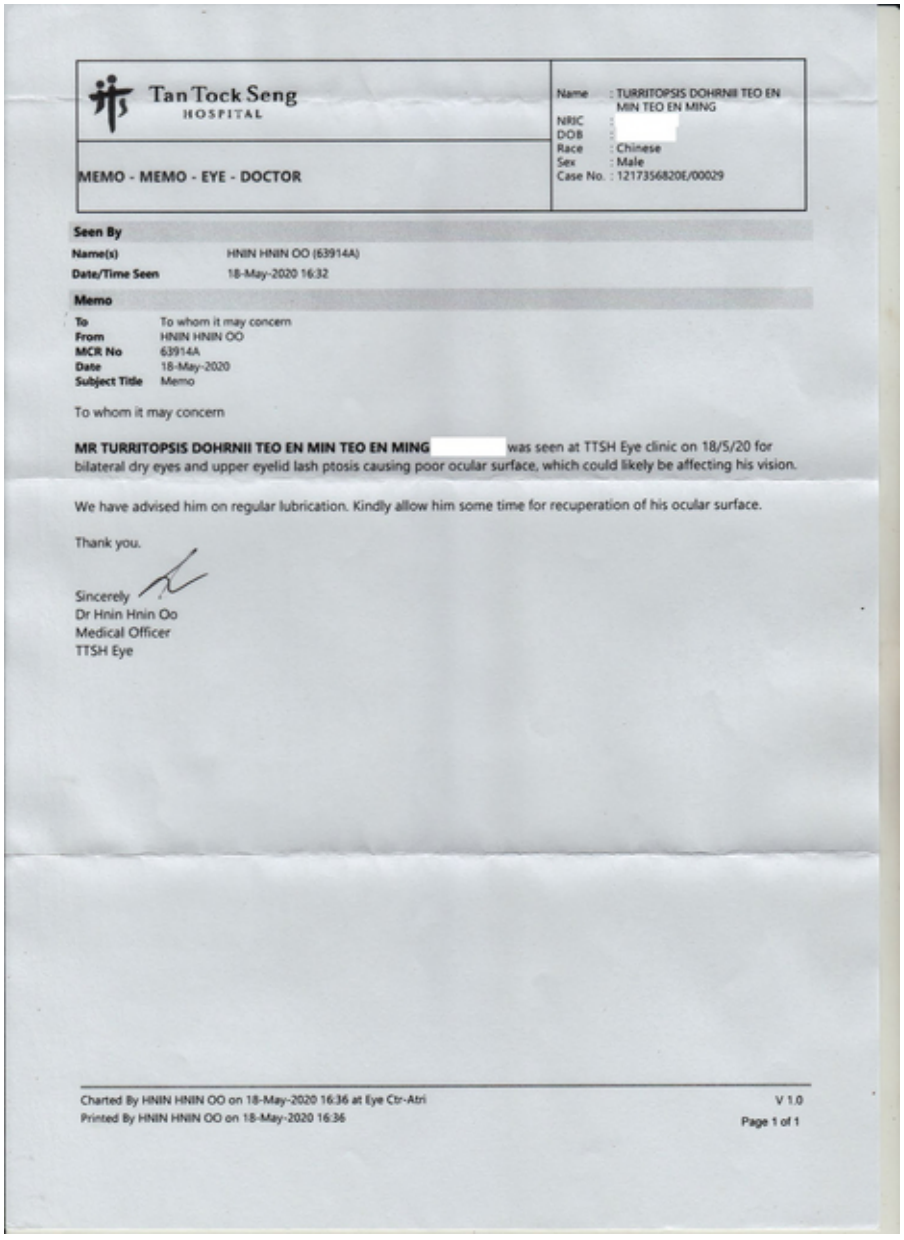
Memo from eye doctor at Tan Tock Seng Hospital dated 18 May 2020 Mon (2020-05-20 11:13) - Turritopsis Dohrnii Teo En Ming



Tan Tock Seng HOSPITAL

Name : TURRITOPSIS DOHRNII TEO EN MIN TEO EN MING
NRIC :
DOB :
Race : Chinese
Sex : Male
Case No. : 1217356820E/00029

MEMO - MEMO - EYE - DOCTOR

Seen By

Name(s) HNIN HNIN OO (63914A)
Date/Time Seen 18-May-2020 16:32

Memo

To To whom it may concern
From HNIN HNIN OO
MCR No 63914A
Date 18-May-2020
Subject Title Memo

To whom it may concern

MR TURRITOPSIS DOHRNII TEO EN MIN TEO EN MING was seen at TTSH Eye clinic on 18/5/20 for bilateral dry eyes and upper eyelid lash ptosis causing poor ocular surface, which could likely be affecting his vision.

We have advised him on regular lubrication. Kindly allow him some time for recuperation of his ocular surface.

Thank you.

Sincerely
Dr Hnin Hnin Oo
Medical Officer
TTSH Eye

Charted By HNIN HNIN OO on 18-May-2020 16:36 at Eye Ctr-Atri
Printed By HNIN HNIN OO on 18-May-2020 16:36

V 1.0
Page 1 of 1

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Called 995 at 8.03 PM Singapore Time on 16 May 2020 Saturday (2020-05-17 10:45) - Turritopsis Dohrnii Teo En Ming

Been having blurry vision (not severe) for the whole day since waking up. Not sure if it is due to elevated blood pressure or blood glucose.

Paramedics came to my house very quickly. Blood glucose was 6.9 mmol/L. Blood pressure was 130+/90+ (cannot remember clearly).

Paramedics advised me NOT to go to the hospital emergency department because of covid-19 global pandemic. Told me to continue monitoring my situation for one or two more days.

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Do not worry if you lose your personal data or company data or backups (2020-05-17 10:36) - Turritopsis Dohrnii Teo En Ming

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[Korean drama] Love in the Moonlight (2020-05-16 19:46) - Turritopsis Dohrnii Teo En Ming

Link: [1]https://www.viu.com/ott/sg/en-us/vod/18986/Love-in-the-Moonlight

1. `https://www.viu.com/ott/sg/en-us/vod/18986/Love-in-the-Moonlight`

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[Change.org] Desire to get recognition as a Targeted Individual (TI) (2020-05-16 19:43) - Turritopsis Dohrnii Teo En Ming

Please sign my petition.

Link: [1]https://www.change.org/p/united-nations-desire-to-get-recognitio n-as-a-targeted-individual-ti

1. https://www.change.org/p/united-nations-desire-to-get-recognition-as-a-targeted-individual-ti

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How to set Dark Mode for Google Chrome on Linux (2020-05-16 19:41) - Turritopsis Dohrnii Teo En Ming

Link: [1]https://askubuntu.com/questions/1159741/enable-dark-mode-on-chro mes-internal-pages

1. `https://askubuntu.com/questions/1159741/enable-dark-mode-on-chromes-internal-pages`

Yay! Teo En Ming discovered flowbit errors for Snort IDS/IPS rulesets (2020-05-15 21:23) - Turritopsis Dohrnii Teo En Ming

Yay! Teo En Ming discovered flowbit errors for Snort IDS/IPS rulesets.

This is an intellectual achievement!

Link: [1]https://lists.snort.org/pipermail/snort-users/2020-May/073667.html

REFERENCES

==========

[1] [2]https://lists.snort.org/pipermail/snort-users/2020-May/073668.html

1. https://lists.snort.org/pipermail/snort-users/2020-May/073667.html
2. https://lists.snort.org/pipermail/snort-users/2020-May/073668.html

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Horrors, Anguish and Frustrations of Forming Business Partnership with Mr. X (2020-05-15 21:08) - Turritopsis Dohrnii Teo En Ming

Subject: Horrors, Anguish and Frustrations of Forming Business Partnership with Mr. X

For Immediate Worldwide Release
15 May 2020 Friday

Author: Mr. Turritopsis Dohrnii Teo En Ming
Country: Republic of Singapore

Official historical records of Mr. Turritopsis Dohrnii Teo En Ming
Office of the Grand Historian

Teo En Ming is very adept at keeping historical records.

Document Version: 20200515.01 (very first version)

Preamble
========

Teo En Ming is the poorest man in Singapore, or perhaps in the whole world, because he is a TARGETED INDIVIDUAL (TI).
There are MILLIONS of Targeted Individuals in every country all over the world.
All Targeted Individuals believe they will not get to live very long because every Targeted Individual has numerous medical problems.
Majority of the millions of Targeted Individuals are of the opinion that these numerous medical problems were induced, arranged, or caused by the government.

Common sense tells us there is no get rich scheme. I am attending e-commerce online training classes in the hope of making a reasonable amount of passive income. Everybody wants to have a more comfortable life. You only live once (YOLO). See YouTube documentary [1]https://youtu.be/eUhGM5lL9HY?t=565

Main Story
==========

I met Mr X at the Diploma (Conversion) in Computer Networking course at Singapore Polytechnic (Oct 2016 to Oct 2017 batch). Mr X subsequently went on to take Specialist Diploma in Network Security at Singapore Polytechnic but I did not follow.

On 29 April 2020 Wednesday at 7.30 PM Singapore Time, I attended an e-commerce online training class.

On 4 May 2020 Monday at 7.30 PM Singapore Time, I attended another e-commerce online training class conducted by another training school.

Checking my WhatsApp records, also on 4 May 2020, I approached Mr X and asked him if he is interested in forming a business partnership with me to sell low cost products on e-commerce online store. He agreed. We started having Zoom online meetings.

On 9 May 2020 at 11.31 PM Singapore Time, I drafted a written mutual agreement by email and asked Mr X to reply to my email confirming his agreement to my written mutual agreement.

The main points of the written mutual agreement are as follows:

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1) Teo En Ming will contribute 50 % of the capital.

2) Mr X will contribute 50 % of the capital.

3) Teo En Ming will get 50 % of the business profits.

4) Mr X will get 50 % of the business profits.

5) Teo En Ming will setup the e-commerce online store and be in charge of running it and provide the necessary technical expertise.

Outside of the written mutual agreement, Mr X insists he wants to fully control the bank account and all the banking and finances. Mr X is very street smart. He wants win-win situation for himself and lose-lose situation for myself.

Although the business partnership consisted of 2 persons (Teo En Ming and Mr X), only one person is allowed to register the e-commerce online shop account. The e-commerce platform will need to verify the passport and identity card of the person registering the online shop account. To be able to add product listings, I have to add my personal bank account information and my personal debit card information first.

Mr X wanted to have access to the e-commerce online shop, to which I agreed. Because if any party cannot operate the online shop, the other party can take over and continue.

I told Mr X to wait first because my personal bank account information and my personal debit card information are on file and I don't want to expose my personal information to my business partner. We agreed to open a joint DBS/POSB bank account. I told Mr X that after we have opened the joint DBS/POSB bank account, I can proceed to delete my personal bank account information and my personal debit card information from the e-commerce online shop account and replace with joint bank account information and joint debit card information. Thereafter, I would be able to give Mr X access to the e-commerce online shop account. I explained these terms very clearly in the email I sent to Mr X. However, Mr X was very impatient and keeps asking me for access to the e-commerce online shop account.

On 14 May 2020 Thursday at 9 AM, we went to DBS/POSB bank branch at Toa Payoh HDB Hub. The bank staff told us we cannot open a joint bank account during covid-19 circuit breaker/lock down period. During our meeting there, Mr X told me that our business partnership must be based on trust only. Mr X was implying we should only have verbal agreement and not written agreement. By asking Mr X to sign the written mutual agreement electronically, he says that I do not trust him. Again Mr X reiterated that our business partnership must be based on trust only. He implies that he only want verbal agreement and does not want written mutual agreement. He told me not to send him any more emails for him to reply and acknowledge. Mr X is very street smart. He wants win-win situation for himself and lose-lose situation for myself.

After leaving DBS/POSB bank branch at Toa Payoh HDB Hub, both of us went home. After I have reached home, I login to our e-commerce online shop account and changed the existing password (because it is using my PERSONAL UNIQUE password). I gave Mr X the new password through email, even though he can see my personal bank account information and personal debit card information in our e-commerce online store. In the email, I also explained very clearly that our e-commerce online shop is protected by two-factor authentication (2FA). He needs to ask me for a 2FA token, and then click "Remember my web browser/Remember my computer" so that he will never have to ask me for 2FA token every time he login. This I have explained very clearly in the email.

At about 6 PM Singapore Time on 14 May 2020 Thursday, he sent me an email and a WhatsApp message telling me that he cannot login. On WhatsApp, I gave him the 2FA token, and told him to click "Remember my web browser/Remember my computer" so that he can login every time without asking me for the 2FA token.

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Mr X now has *UNFETTERED* access to our e-commerce online shop account, although I still haven't replace my personal bank account information and personal debit card information on file with the joint bank account information (because we couldn't open a joint bank account earlier). And yet, Mr X still accuse me of not trusting him because I have 2FA enabled. He insisted on disabling 2FA. I tried to explain to Mr. X that with ONLY passwords alone, hackers can easily guess our password using brute force attack and automatic password guessing program and hack into our e-commerce online shop account easily. Therefore it is better to leave 2FA enabled to enhance security from a security point of view. But Mr X still insisted on disabling 2FA. It seems that Mr X cannot subscribe to reason, is incapable of logical reasoning, lacks common sense and has difficulty understanding simple English.

On WhatsApp, I told Mr X *MANY AND COUNTLESS TIMES* to click "Remember my web browser/Remember my computer" so that he will not have to ask me for 2FA token every time he login. In this way, Mr X will have UNFETTERED access to our e-commerce online shop account. But Mr X still insisted on disabling 2FA. He claims that by enabling 2FA, I do not trust him. It seems that Mr X cannot subscribe to reason, is incapable of logical reasoning, lacks common sense and has difficulty understanding simple English. I tried to explain the rationale for 2FA to Mr X *countless* times but he simply cannot get it into his head. I wonder why. Almost everybody I have spoken to would have encouraged me to enable 2FA. All banks require 2FA. I met a police SWAT officer at a neighborhood coffee shop at 7 PM on 14 May 2020 Thursday, explained our situation to him and he agrees we should all use 2FA in this internet age.

Subsequently Mr X decided to call off the business partnership citing I do not trust hime and wants me to return SGD231.10 to him. Just the day before, on 13 May 2020 Wednesday, we ordered USD325.50+USD9.61 (USD9.61 is transaction fee) worth of low cost products from a China supplier. Half or 50 % of USD325.50 is SGD231.10. So Mr X transferred SGD231.10 to me via PayNow.

Since Mr X wants to call off the business partnership and wants me to return his SGD231.10, I told him to return the sample product and I would return him SGD231.10 immediately. Because I passed him the sample product worth USD30 on the morning we met at DBS/POSB Bank at Toa Payoh HDB Hub.

Initially Mr X suggested to meet at Woodlands MRT at 9 PM on 14 May 2020 Thursday. I told him very frankly that once he return me the sample product, I will also return him his SGD231.10 at the same time on the spot. Then Mr X changed the meeting time to 8.30 PM. Then he changed his mind again and told me I must bank transfer SGD231.10 to him immediately before I can meet him at Woodlands MRT to collect back my product sample. This altercation continued on and on on WhatsApp until late into the night.

At 7.54 PM on 14 May 2020 Thursday, I called the police hotline 999 seeking assistance/mediation. I also called the police hotline 999 again at 10.59 PM. The Singapore Police Department has all the records.

At about 8 PM on 14 May 2020, I walked to Toa Payoh Neighborhood Police Department hoping that the police can come in to mediate. I also filed a police report there because I objected to bank transfer SGD231.10 to Mr X immediately before I can meet him at Woodlands MRT to collect back my product sample. I insisted on a meeting where I can collect back my product sample and return him sgd231.10 on the spot at the same time. However Mr X keeps saying that if I do not bank transfer sgd231.10 to him immediately, then he will not meet me to return my product sample.

Mr X says he is afraid that I would run away with his SGD231.10. I told Mr X that if he is worried, he can call the police. I also told Mr X that I am presently at Toa Payoh Neighborhood Police Department now and I asked him to come here, since he says he is afraid I will run away with his SGD23.10 after getting back the product sample. Mr X refused to come to Toa Payoh Neighborhood Police Department and insisted that I should go to Woodlands or Admiralty where he lives.

Even at almost 11 PM which is so late that there would be no more trains, Mr X still demanded that I

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travel to Woodlands/Admiralty. APPARENTLY MR X IS BEING VERY INCONSIDERATE AND IS TRYING TO BE DIFFICULT WITH ME. At about 11 PM, I walked to Toa Payoh MRT Station, took a photo of the MRT station with time stamp and sent it to Mr X via WhatsApp. Because it is already very late, I told Mr X to meet at Woodlands East Neighborhood Police Department near Admiralty MRT station at 10 AM the next morning on 15 May 2020. I told Mr X that if he cannot wait, he can simply call 999 or the police. Mr X is worried I will run away with his SGD231.10 after getting back the sample product. I am also worried that he will not give me back the product sample after receiving bank transfer of SGD231.10 from me. So the best strategy is to meet at the police department!

At 9.30 AM on 15 May 2020 Friday, we eventually met at Woodlands East Neighborhood Police Department near Admiralty MRT station. I examined the product sample to be in working condition and I returned him SGD231.10 immediately using PayNow. The dispute has been settled.

Mr. X comes across to me as a person who cannot subscribe to reason, is incapable of logical reasoning, has no common sense, refuses to accept other people's reasoning, is extremely inconsiderate and cannot understand simple English. It is definitely a no no to have a business partnership with him.

I have almost verbatim transcript of my WhatsApp conversation with Mr X.

My Singapore Police Force police report number is E/20200514/2055.

I may have forgotten some details because I cannot remember everything at one shot. If necessary, I will update with new versions of this document to include details which I may have forgotten to add. My English is also not fantastic and I have limited vocabulary to express myself, so I may continually seek to improve my way of explaining things if a need arises. It seems like Mr X wants a win-win situation for himself and a lose-lose situation for myself. Another friend of mine says Mr X thinks that I am naive and simple minded and wanted to makan me.

REFERENCES
==========

[1] [2]http://lists.linuxfromscratch.org/pipermail/lfs-chat/2020-May/029121.h tml

[2] [3]https://lkml.org/lkml/2020/5/15/522

[3] [4]http://lkml.iu.edu/hypermail/linux/kernel/2005.1/09921.html

[4] [5]https://marc.info/?l=linux-kernel &m=158954674112984 &w=2

[5] [6]https://www.reddit.com/r/singapore/comments/gk8l8x/horrors _anguish _and _frustrations _of _forming/

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1. https://youtu.be/eUhGM5lL9HY?t=565
2. http://lists.linuxfromscratch.org/pipermail/lfs-chat/2020-May/029121.html
3. https://lkml.org/lkml/2020/5/15/522
4. http://lkml.iu.edu/hypermail/linux/kernel/2005.1/09921.html
5. https://marc.info/?l=linux-kernel&m=158954674112984&w=2
6. https://www.reddit.com/r/singapore/comments/gk8l8x/horrors_anguish_and_frustrations_of_forming/

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Is it possible to determine the total duration of multiple video files in GNOME Files (formerly Nautilus)? (2020-05-13 14:58) - Turritopsis Dohrnii Teo En Ming

```
Subject: Is it possible to determine the total duration of multiple
video files in GNOME Files (formerly Nautilus)?

Good morning from Singapore,

Is it possible to determine the total duration of multiple video files
in GNOME Files (formerly Nautilus)?

In Windows 10, it is possible to select multiple video files, right
click and determine the total duration in File Explorer.

If GNOME Files is lacking such a feature, can I request for it to be
added in future releases of GNOME Files?

I am looking forward to hearing from you soon.

Thank you very much.
```

REFERENCES
==========

[1] [1]https://mail.gnome.org/archives/gnome-list/2020-May/msg00000.html

1. https://mail.gnome.org/archives/gnome-list/2020-May/msg00000.html

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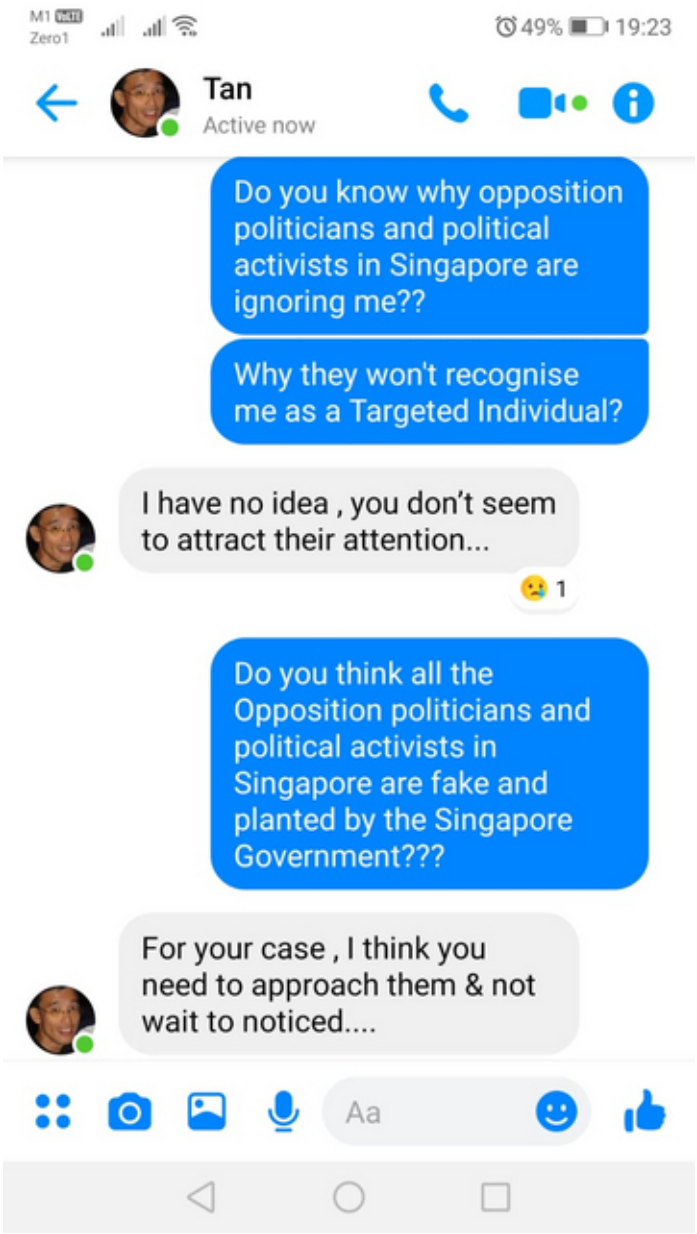
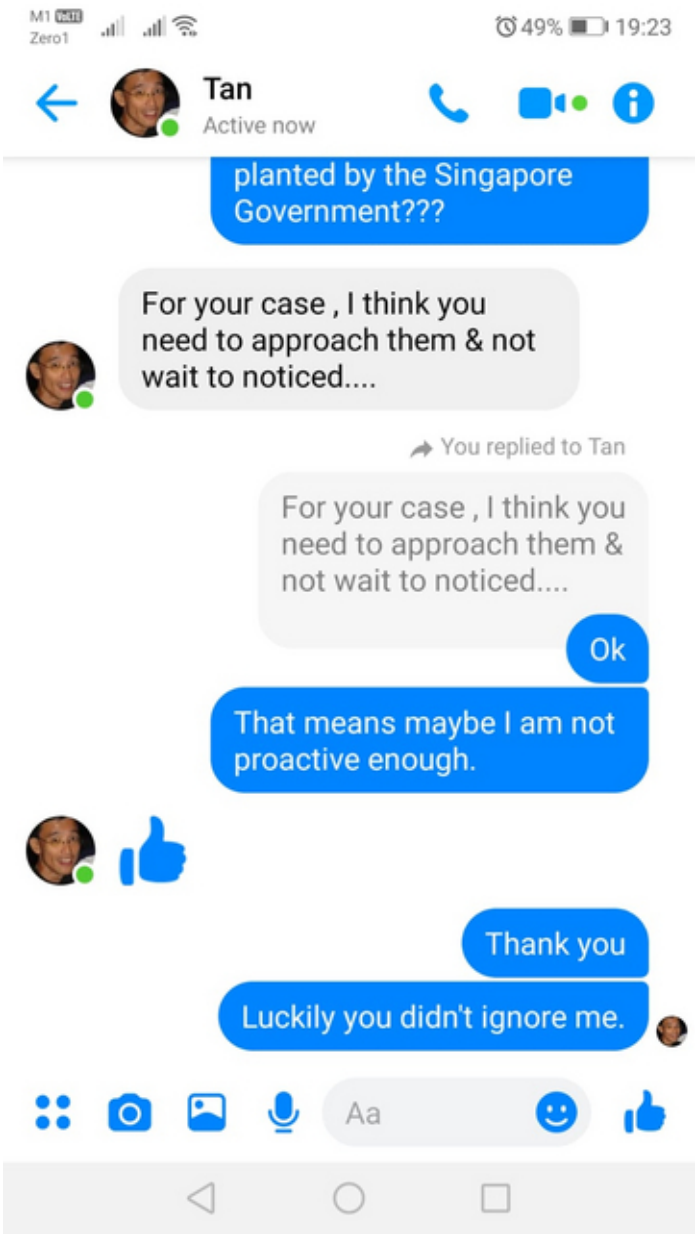
Maybe Targeted Individuals are not proactive enough in lobbying opposition politicians and political activists in Singapore? (2020-05-13 14:54) - Turritopsis Dohrnii Teo En Ming





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Is it possible to determine the total duration of multiple video files in GNOME Files (formerly Nautilus)? (2020-05-11 21:46) - Turritopsis Dohrnii Teo En Ming

```
Subject: Is it possible to determine the total duration of multiple
video files in GNOME Files (formerly Nautilus)?

Good evening from Singapore,

Is it possible to determine the total duration of multiple video files
in GNOME Files (formerly Nautilus)?

In Windows 10, it is possible to select multiple video files, right
click and determine the total duration in File Explorer.

If GNOME Files is lacking such a feature, can I request for it to be
added in future releases of GNOME Files?

I am looking forward to hearing from you soon.

Thank you very much.
```

```
REFERENCES
==========
```

```
[1] [1]https://marc.info/?l=debian-user&m=158920433316966&w=2
```

1. https://marc.info/?l=debian-user&m=158920433316966&w=2

Windows 10 Warning: Users Hit By Serious New Failure (2020-05-11 21:15) - Turritopsis Dohrnii Teo En Ming

Link: [1]https://www.forbes.com/sites/gordonkelly/2020/05/09/microsoft-wi ndows-10-warning-call-of-duty-warzone-destiny-2-league-of-legends-game-mode-pro blems-upgrade-windows-10-free/

1. `https://www.forbes.com/sites/gordonkelly/2020/05/09/microsoft-windows-10-warning-call-of-duty-warzone-destiny-2-league-of-legends-game-mode-problems-upgrade-win`

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Why 2020 Is A Great Year For Linux (mostly Ubuntu) (2020-05-11 21:12) - Turritopsis Dohrnii Teo En Ming

Link: [1]https://dev.to/kailyons/why-2020-is-a-great-year-for-linux-mostly- ubuntu-3nl1

1. `https://dev.to/kailyons/why-2020-is-a-great-year-for-linux-mostly-ubuntu-3nl1`

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Convert PDF to Microsoft Word (2020-05-11 21:10) - Turritopsis Dohrnii Teo En Ming

Link: [1]https://pdf2doc.com/

1. `https://pdf2doc.com/`

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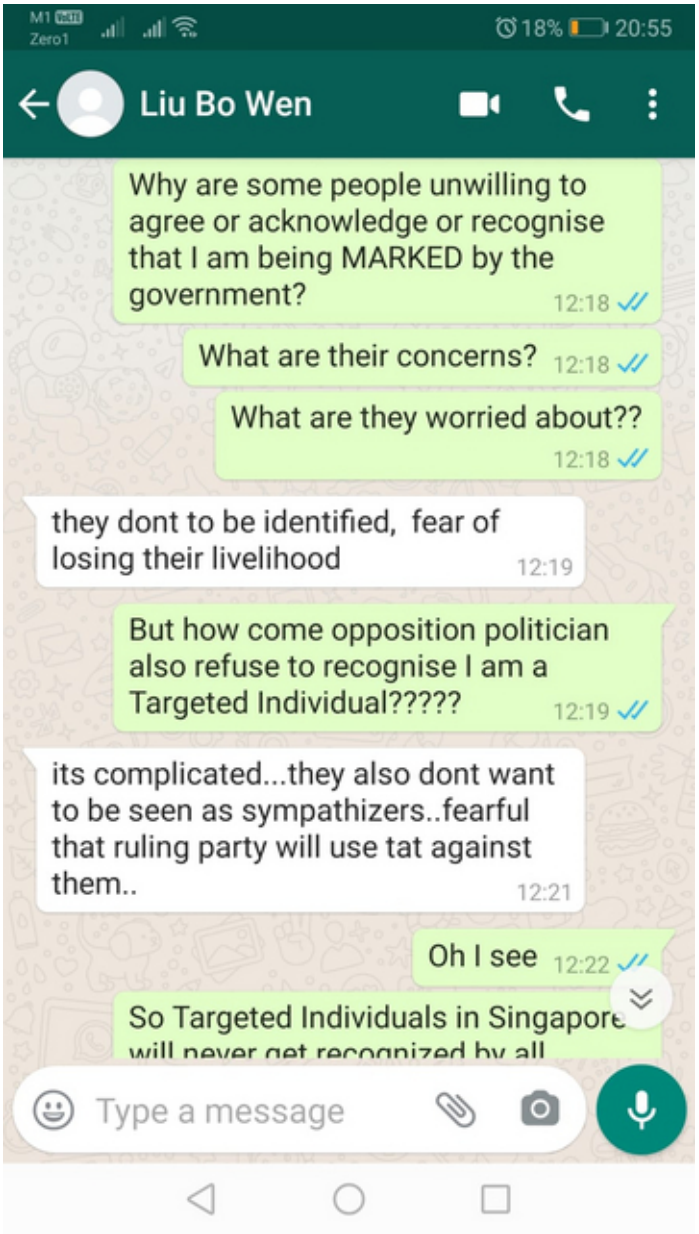
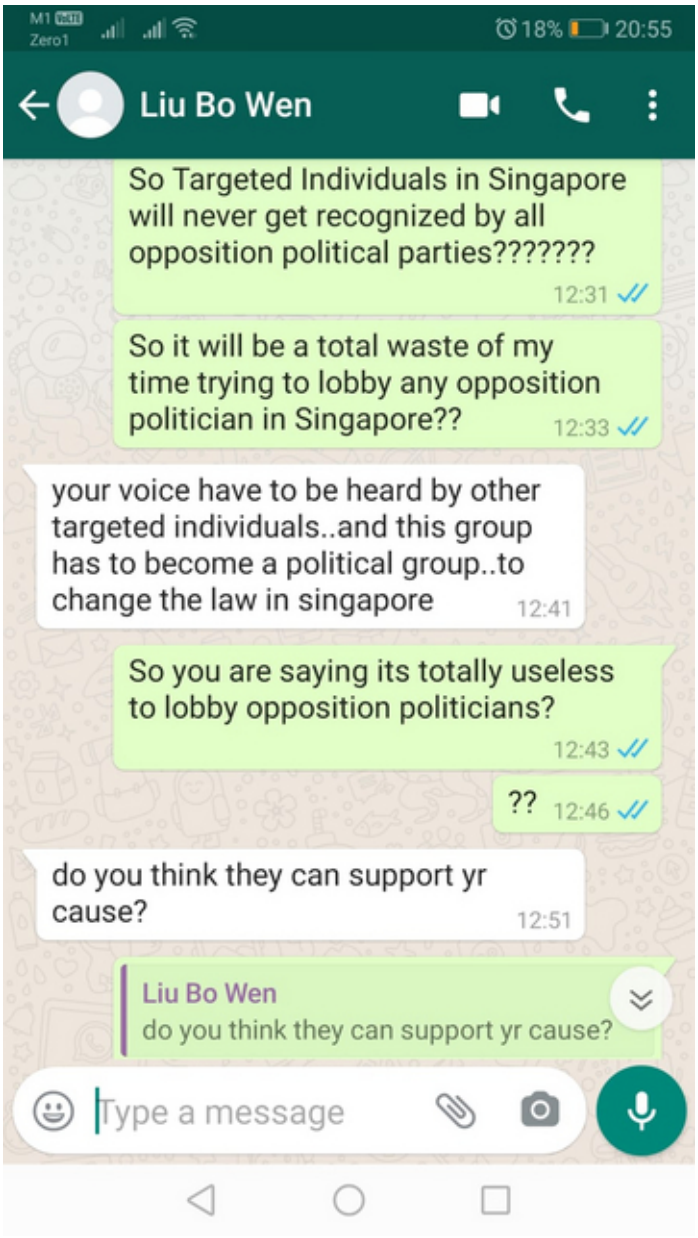
It is futile for Targeted Individuals to lobby opposition politicians and political activists in Singapore (2020-05-11 21:08) - Turritopsis Dohrnii Teo En Ming





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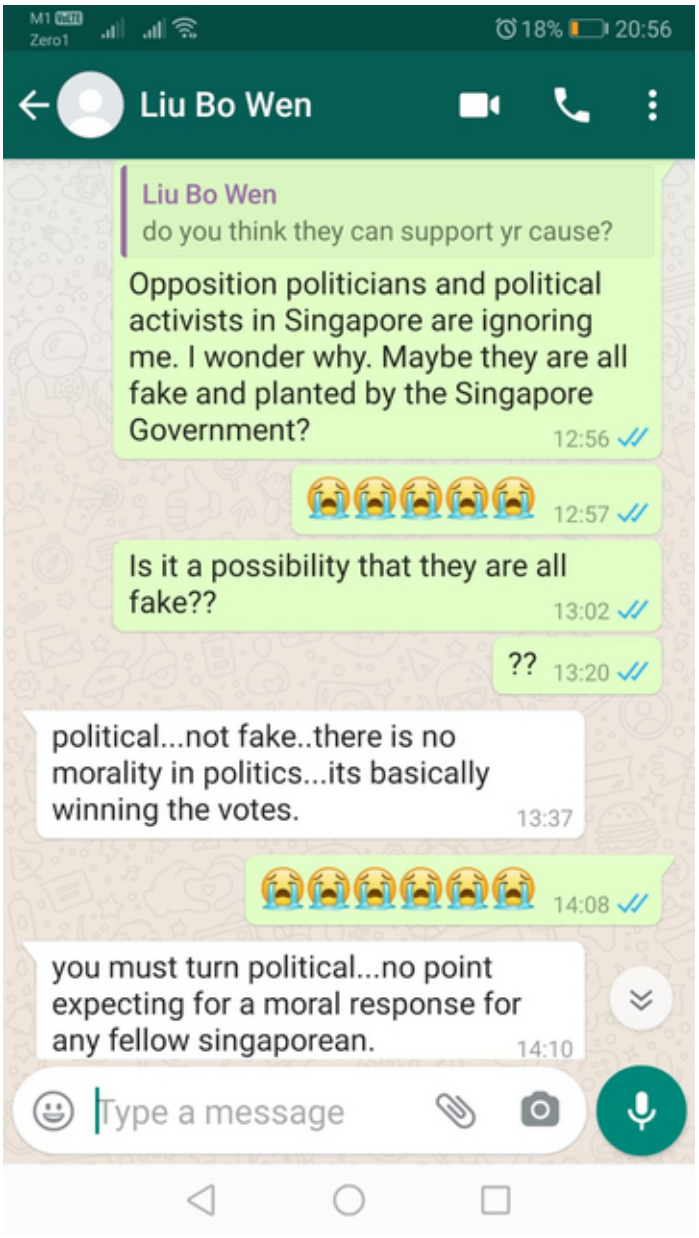
M1
Zero1
18% 20:56
Liu Bo Wen
Liu Bo Wen
do you think they can support yr cause?
Opposition politicians and political activists in Singapore are ignoring me. I wonder why. Maybe they are all fake and planted by the Singapore Government?
12:56
12:57
Is it a possibility that they are all fake??
13:02
??
13:20
political...not fake..there is no morality in politics...its basically winning the votes.
13:37
14:08
you must turn political...no point expecting for a moral response for any fellow singaporean.
14:10
Type a message

Medication List as at 10 May 2020 (2020-05-10 10:17) - Turritopsis Dohrnii Teo En Ming

Medication List as at 10 May 2020
==========

Morning
=======

Diovan Valsartan 80 mg tablet
Vitamin B12 500 mcg tablet
Omega 3 Fish Oil 1000 mg 2 capsules
Glucosamine Sulphate 500 mg 2 capsules

Mid-day (OPTIONAL)
==========

Omega 3 Fish Oil 1000 mg 2 capsules

Evening
=======

Gliclazide 40 mg tablet
Lovastatin 20 mg tablet
Omega 3 Fish Oil 1000 mg 2 capsules
Glucosamine Sulphate 500 mg 2 capsules

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Started Diovan Valsartan 80 mg on 9 May 2020 (2020-05-10 10:07) - Turritopsis Dohrnii Teo En Ming

Started Diovan Valsartan 80 mg on 9 May 2020

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Lipid Panel as at 9 May 2020 (2020-05-10 10:05) - Turritopsis Dohrnii Teo En Ming

3rd July 2019

31st July 2019

9th Sept 2019

10th Oct 2019

26th Nov 2019

18th Jan 2020

9th May 2020

Cholesterol

7.27

5.52

6.72

5.91

6.66

5.30

5.71

Triglycerides

3.31

1.68

1.55

2.32

2.95

1.32

1.59

HDL

1.15

1.16

1.13

1.34

1.05

1.24

1.20

LDL

4.63

3.59

4.89

3.53

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4.28

3.46

3.80

Chol:HDL Ratio

6.32

4.74

5.95

4.43

6.33

4.27

4.76

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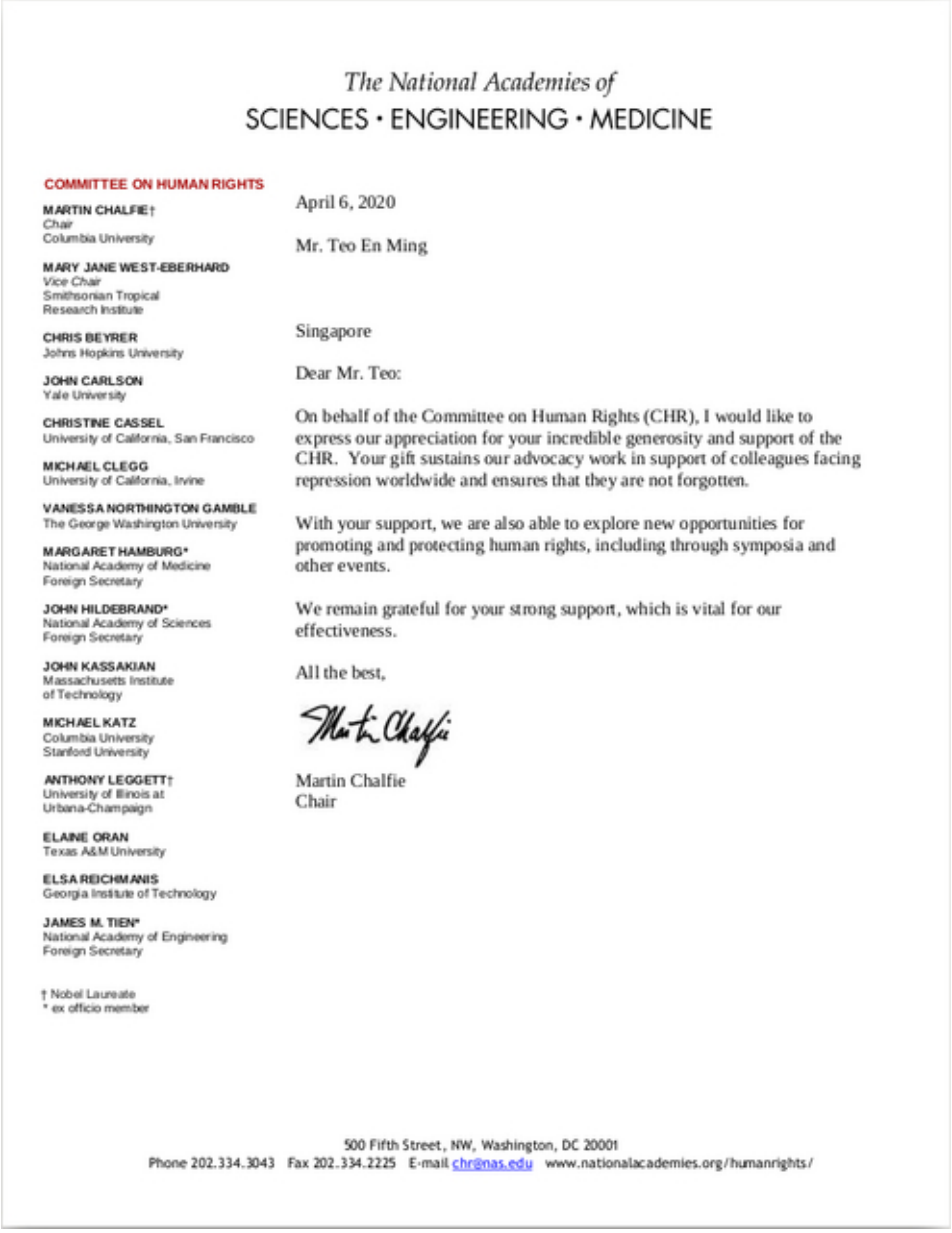
Letter from the National Academy of Sciences Committee on Human Rights dated 6 Apr 2020

(2020-05-06 20:43) - Turritopsis Dohrnii Teo En Ming



The National Academies of
SCIENCES • ENGINEERING • MEDICINE

COMMITTEE ON HUMAN RIGHTS

MARTIN CHALFIE†
Chair
Columbia University

MARY JANE WEST-EBERHARD
Vice Chair
Smithsonian Tropical Research Institute

CHRIS BEYRER
Johns Hopkins University

JOHN CARLSON
Yale University

CHRISTINE CASSEL
University of California, San Francisco

MICHAEL CLEGG
University of California, Irvine

VANESSA NORTHINGTON GAMBLE
The George Washington University

MARGARET HAMBURG*
National Academy of Medicine
Foreign Secretary

JOHN HILDEBRAND*
National Academy of Sciences
Foreign Secretary

JOHN KASSAKIAN
Massachusetts Institute of Technology

MICHAEL KATZ
Columbia University
Stanford University

ANTHONY LEGGETT†
University of Illinois at Urbana-Champaign

ELAINE ORAN
Texas A&M University

ELSA REICHMANIS
Georgia Institute of Technology

JAMES M. TIEN*
National Academy of Engineering
Foreign Secretary

† Nobel Laureate
* ex officio member

April 6, 2020

Mr. Teo En Ming

Singapore

Dear Mr. Teo:

On behalf of the Committee on Human Rights (CHR), I would like to express our appreciation for your incredible generosity and support of the CHR. Your gift sustains our advocacy work in support of colleagues facing repression worldwide and ensures that they are not forgotten.

With your support, we are also able to explore new opportunities for promoting and protecting human rights, including through symposia and other events.

We remain grateful for your strong support, which is vital for our effectiveness.

All the best,

Martin Chalfie
Chair

500 Fifth Street, NW, Washington, DC 20001
Phone 202.334.3043 Fax 202.334.2225 E-mail chr@nas.edu www.nationalacademies.org/humanrights/

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Letter from the National Academy of Sciences Committee on Human Rights dated 23 Mar 2020

(2020-05-06 20:42) - Turritopsis Dohrnii Teo En Ming

The National Academies of
SCIENCES · ENGINEERING · MEDICINE

COMMITTEE ON HUMAN RIGHTS

MARTIN CHALFIE†
Chair
Columbia University

MARY JANE WEST-EBERHARD
Vice Chair
Smithsonian Tropical
Research Institute

CHRIS BEYRER
Johns Hopkins University

JOHN CARLSON
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CHRISTINE CASSEL
University of California, San Francisco

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MARGARET HAMBURG*
National Academy of Medicine
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Columbia University
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ELAINE ORAN
Texas A&M University

ELSA REICHMANIS
Georgia Institute of Technology

JAMES M. TIEN*
National Academy of Engineering
Foreign Secretary

† Nobel Laureate
* ex officio member

March 23, 2020

Mr. Teo En Ming

Singapore

Dear Mr. Teo:

On behalf of the Committee on Human Rights (CHR), I would like to express our appreciation for your incredible generosity and support of the CHR. Your gift sustains our advocacy work in support of colleagues facing repression worldwide and ensures that they are not forgotten.

With your support, we are also able to explore new opportunities for promoting and protecting human rights, including through symposia and other events.

We remain grateful for your strong support, which is vital for our effectiveness.

All the best,

Martin Chalfie
Chair

500 Fifth Street, NW, Washington, DC 20001
Phone 202.334.3043 Fax 202.334.2225 E-mail chr@nas.edu www.nationalacademies.org/humanrights/

A Foreigner’s Opinion (2020-05-06 20:26) - Turritopsis Dohrnii Teo En Ming

One day I was at Funan Shopping Mall Singapore. I saw a foreigner. I approached him. He told me he is from The Netherlands. I asked him if he knows what a Targeted Individual is. He has no idea. So I explained to him that a Targeted Individual is a person who is persecuted, targeted and marked by the government. Then he replied, "Oh it’s normal. There is nothing surprising. There are bound to be people who are marked by the government in every country in the world."

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Is there any way I can manually upgrade Snort IDS/IPS in pfsense firewall? (2020-05-06 20:20) - Turritopsis Dohrnii Teo En Ming

Good afternoon from Singapore,

Is there any way I can manually upgrade Snort IDS/IPS in pfsense
firewall?

I am looking forward to hearing from you soon.

Thank you.

REFERENCES
==========

[1] [1]https://lists.snort.org/pipermail/snort-devel/2020-May/011502. html

[2] [2]https://seclists.org/snort/2020/q2/99

1. `https://lists.snort.org/pipermail/snort-devel/2020-May/011502.html`
2. `https://seclists.org/snort/2020/q2/99`

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Singaporean Kurt Tay is also a Targeted Individual (2020-05-06 13:37) - Turritopsis Dohrnii Teo En Ming

Singaporean Kurt Tay is also a Targeted Individual. I think he never realize it himself.

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Information sharing by Republic of Korea (ROK) (South Korea) Targeted Indivduals Facebook Group (2020-05-06 13:35) - Turritopsis Dohrnii Teo En Ming

Subject: Information sharing by Republic of Korea (ROK) (South Korea) Targeted Indivduals Facebook Group

There are *millions* of Targeted Individuals in every country all over the world. All of us basically share more or less similar accounts or experiences. Don't worry. YOU ARE NOT ALONE.

The following information is shared by Republic of Korea (ROK) (South Korea) Targeted Individuals Facebook Group.

[1] The objective of the government targeting program is to control you and manipulate your thinking and behavior.

[2] The objective of the government targeting program is to make your life miserable. Your government has infinite resources at its disposal while Targeted Individuals have ZERO resources.

[3] Your government will induce or arrange a lot of medical problems for you so that you will have a short life span and not get to live very long.

[4] Financial/monetary suppression. Your government will never allow you to earn a lot of money. It will control how much money you earn. Targeted Individuals are EITHER permanently barred from employment, OR fired/terminated from employment *frequently* for decades OR they will never climb up the social ladder, depending on how your government wishes it.

If you want to know more, join the Republic of Korea (ROK) (South Korea) Targeted Individuals Facebook Group.

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Donations to the National Academy of Sciences of the United States of America (2020-05-06 12:49) - Turritopsis Dohrnii Teo En Ming

Donations to the National Academy of Sciences of the United States of America

========== ===

Year 2011: [1]https://www.nap.edu/catalog/13445/report-of-the-treasurer-of-the-natio nal-academy-of-sciences-for-the-year-ended-december-31-2011

Year 2013: [2]https://www.nap.edu/catalog/18830/report-of-the-treasurer-of-the-natio nal-academy-of-sciences-for-the-year-ended-december-31-2013

Year 2014: [3]https://www.nap.edu/catalog/21779/report-of-the-treasurer-of-the-natio nal-academy-of-sciences-for-the-year-ended-december-31-2014

Year 2015: [4]https://www.nap.edu/catalog/23558/report-of-the-treasurer-of-the-natio nal-academy-of-sciences-for-the-year-ended-december-31-2015

Year 2016: [5]https://www.nap.edu/catalog/24826/report-of-the-treasurer-of-the-natio nal-academy-of-sciences-for-the-year-ended-december-31-2016

Year 2017: [6]https://www.nap.edu/catalog/25177/report-of-the-treasurer-for-the-year -ended-december-31-2017

Year 2018: [7]https://www.nap.edu/catalog/25503/report-of-the-treasurer-for-the-year -ended-december-31-2018

1. https://www.nap.edu/catalog/13445/report-of-the-treasurer-of-the-national-academy-of-sciences-for-the-year-ended-december-31-2011
2. https://www.nap.edu/catalog/18830/report-of-the-treasurer-of-the-national-academy-of-sciences-for-the-year-ended-december-31-2013
3. https://www.nap.edu/catalog/21779/report-of-the-treasurer-of-the-national-academy-of-sciences-for-the-year-ended-december-31-2014
4. https://www.nap.edu/catalog/23558/report-of-the-treasurer-of-the-national-academy-of-sciences-for-the-year-ended-december-31-2015
5. https://www.nap.edu/catalog/24826/report-of-the-treasurer-of-the-national-academy-of-sciences-for-the-year-ended-december-31-2016
6. https://www.nap.edu/catalog/25177/report-of-the-treasurer-for-the-year-ended-december-31-2017
7. https://www.nap.edu/catalog/25503/report-of-the-treasurer-for-the-year-ended-december-31-2018

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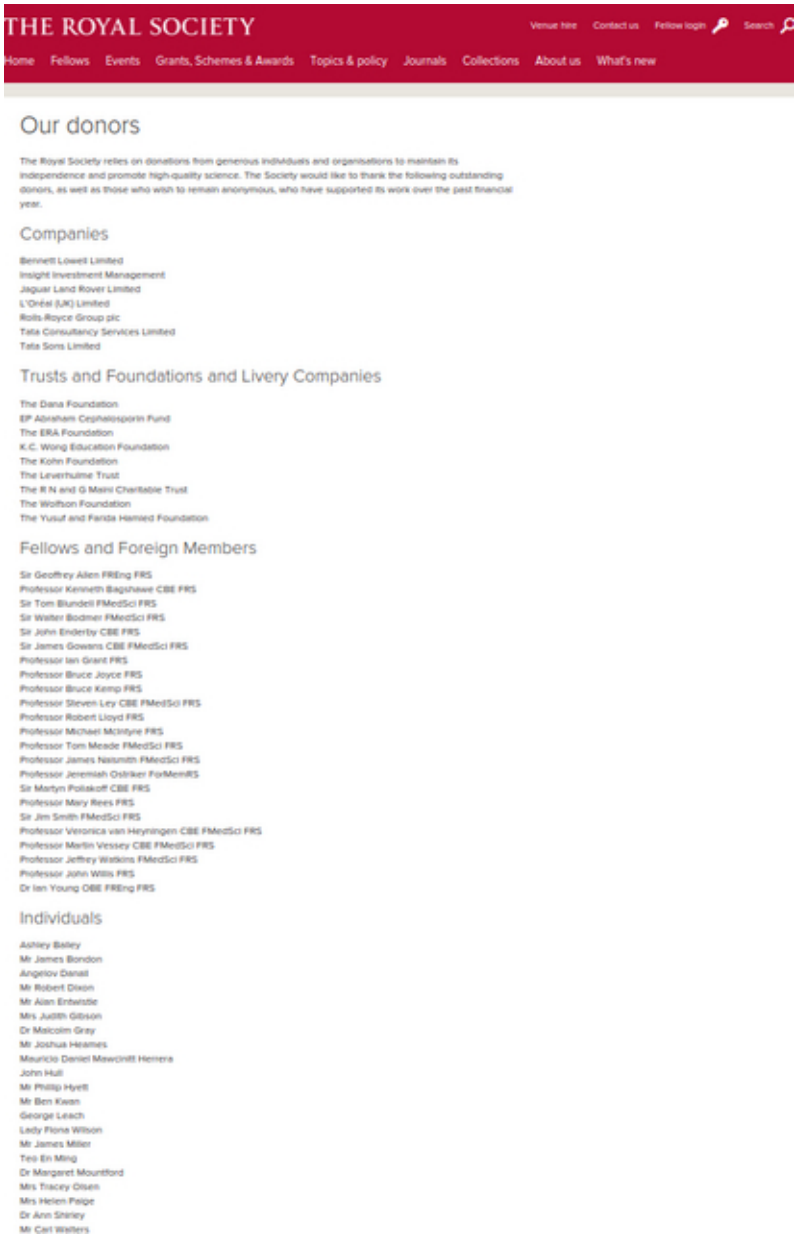
Donation to The Royal Society (United Kingdom's National Academy of Sciences) (2020-05-06 12:47) - Turritopsis Dohrnii Teo En Ming



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The Royal Society relies on donations from generous individuals and organisations to maintain its independence and promote high-quality science. The Society would like to thank the following outstanding donors, as well as those who wish to remain anonymous, who have supported its work over the past financial year.

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Mr Phillip Hyett
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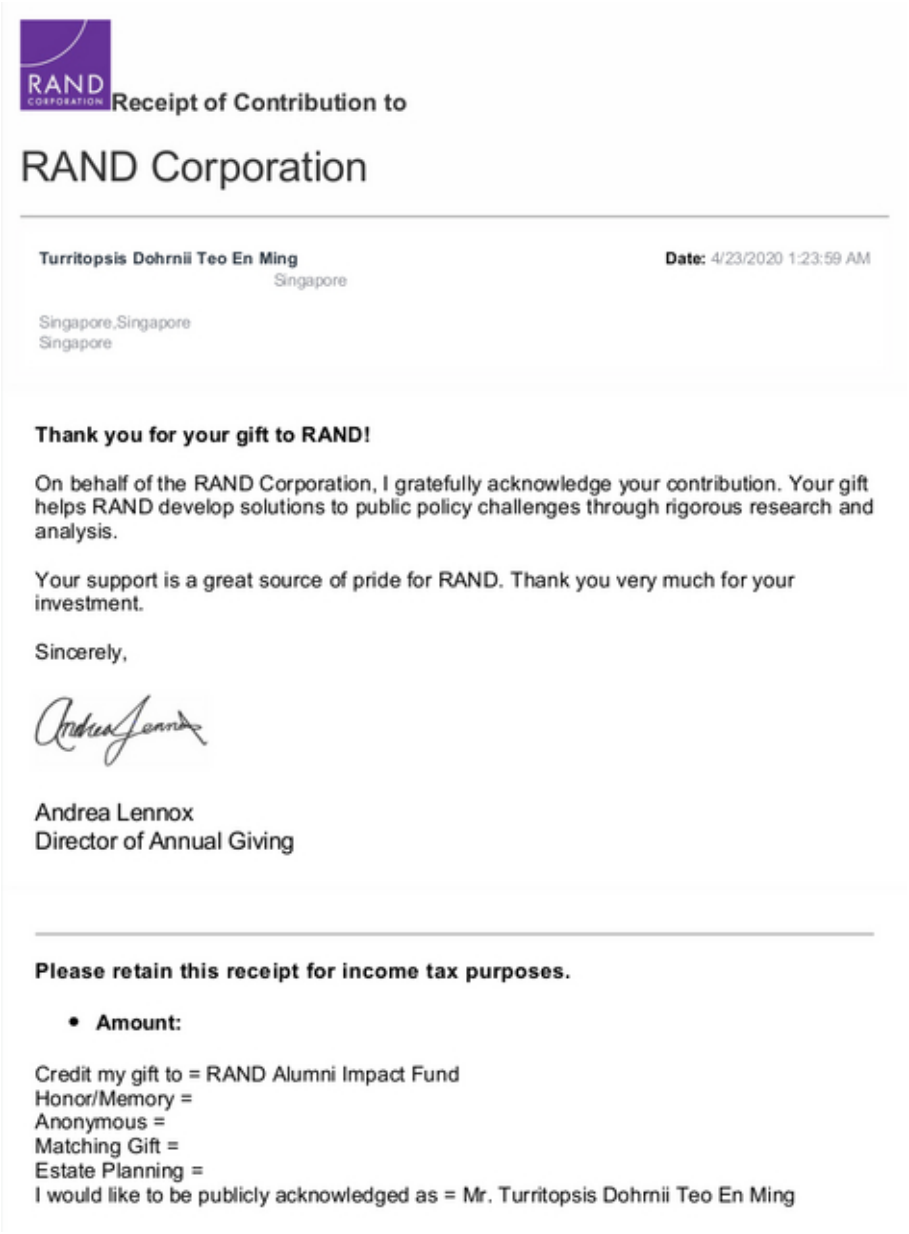
George Leach
Lady Fiona Wilson
Mr James Miller
Teo En Ming
Dr Margaret Mountford
Mrs Tracey Olsen
Mrs Helen Paige
Dr Ann Shirley
Mr Carl Walters

Donation to RAND Corporation (2020-05-06 12:41) - Turritopsis Dohrnii Teo En Ming



Receipt of Contribution to

RAND Corporation

Turritopsis Dohrnii Teo En Ming
Singapore

Singapore,Singapore
Singapore

Date: 4/23/2020 1:23:59 AM

Thank you for your gift to RAND!

On behalf of the RAND Corporation, I gratefully acknowledge your contribution. Your gift helps RAND develop solutions to public policy challenges through rigorous research and analysis.

Your support is a great source of pride for RAND. Thank you very much for your investment.

Sincerely,

Andrea Lennox
Director of Annual Giving

Please retain this receipt for income tax purposes.

- **Amount:**

Credit my gift to = RAND Alumni Impact Fund
Honor/Memory =
Anonymous =
Matching Gift =
Estate Planning =
I would like to be publicly acknowledged as = Mr. Turritopsis Dohrnii Teo En Ming

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My thoughts on Mediacorp Chinese TV drama "Three Wishes" (2020-05-06 12:27) - Turritopsis Dohrnii Teo En Ming

My thoughts on Mediacorp Chinese TV drama "Three Wishes"

Link: [1]https://en.wikipedia.org/wiki/Three _Wishes _(Singaporean _TV _series)

If God were to give me 3 wishes, I would tell Him I only need 1 wish. Yes, only 1 wish. I am not greedy. And that 1 wish is physical immortality. Yes, I will ask God for physical immortality. I do not need to ask God for lots of money, lots of gold bars and lots of diamonds because, as I will be physically immortal, I have all the time in the world to make lots of money. I can take all the time in the world to become a billionaire, trillionaire or centillionaire because I will be physically immortal.

When you become physically immortal, you have all the time in the world. Power, money and women will follow. It is only a matter of time. With physical immortality, you can endure failure after failure until you attain financial success. Because there is no time limit for you.

Please note that there is a difference between biological immortality and physical immortality. Turritopsis Dohrnii, the immortal jellyfish, is only biologically immortal, but not physically immortal.

1. https://en.wikipedia.org/wiki/Three_Wishes_(Singaporean_TV_series)

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List of my favorite JAV actresses (2020-05-06 12:07) - Turritopsis Dohrnii Teo En Ming

Subject: List of my favorite JAV actresses

001. Aya Sazanami
002. Mari Rika
003. Arina Hashimoto
004. Aoi Shirosaki
005. Hikaru Konno

This list will continue to expand and evolve in the future.

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[Screenshots] Application for Refugee Visa to Australia (2020-05-04 19:09) - Turritopsis Dohrnii Teo En Ming

Australian Government
Department of Home Affairs

10 March 2020

T Dohrinii Eng Ming TEO
By email :

In reply please quote:
Applicant Name T Dohrinii Eng Ming TEO
Date of Birth
Application ID
File Number

Dear T Dohrinii Eng Ming TEO

Acknowledgement of valid application for a REFUGEE AND HUMANITARIAN (Class XB) IN-COUNTRY SPECIAL HUMANITARIAN PROGRAM (Subclass 201) visa.

This letter refers to your application for a REFUGEE AND HUMANITARIAN (Class XB) visa, which was validly lodged at Kuala Lumpur on 17 January 2020. You indicated on your application that you wish to be considered for the grant of a IN-COUNTRY SPECIAL HUMANITARIAN PROGRAM (Subclass 201) visa.

Processing your Application
You will be contacted by your case officer about any additional information that may be required in order to make a decision on your application.

The department may make a decision on your application without requesting additional information. You should provide us with all the information you feel is relevant.

I have enclosed a Visa Application Summary, listing key details about your visa application. Check this information and contact us if any of the details are incorrect or change during the processing of your application.

Do not finalise any arrangements for your travel to Australia until you are advised in writing that you have been granted a visa.

Processing Times
The time taken for us to make a decision varies with each application. Processing time service standards are at www.homeaffairs.gov.au.

If you provide false or misleading information, this may result in processing delays and your application being refused.

Australian High Commission No 6 Jalan Yap Kwan Seng, 50450 Kuala Lumpur, Malaysia
Email: Website: www.malaysia.highcommission.gov.au

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Withdrawing your Application
You can withdraw your application at any stage during processing. This must be done in writing. The withdrawal advice can include any number of applicants but must be signed by each applicant aged 18 years and over.

Changes to your Circumstances
Contact this Australian Immigration office if there are any changes to your circumstances during processing, including changes to your name, passport, family composition or contact details.

Client Service Information
Information about your rights and obligations is in the Client Service Information attachment.

Yours sincerely

Position Number:
Department of Home Affairs

Email
Web site www.malaysia.highcommission.gov.au

Attachment(s)
Visa Application Summary
Client Service Information

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VISA APPLICATION SUMMARY

Details of Application
Application ID
Visa Class REFUGEE AND HUMANITARIAN (Class XB) IN-COUNTRY SPECIAL HUMANITARIAN PROGRAM (Subclass 201)
Visa Type Permanent
Application Lodgement Date 17 January 2020
File Number

Primary Applicant
Name T Dohrinii Eng Ming TEO
Date of Birth
Application ID
Citizenship Singapore

Other Applicants
Name (PARENT)
Date of Birth
Citizenship Singapore

==========

Name (PARENT)
Date of Birth
Citizenship Singapore

==========

Migration Agent Contact Details
Not Recorded

Authorised Recipient Contact Details
Not Recorded

Main Applicant Personal Contact Details

SINGAPORE

Processing office
Contact details Department of Home Affairs
Postal address Australian High Commission
Street address No 6 Jalan Yap Kwan Seng,50450 Kuala Lumpur, Malaysia

Email
Web site www.malaysia.highcommission.gov.au

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CLIENT SERVICE INFORMATION

The following provides information about your rights and obligations, including our Client Service Charter and how to make a compliment, complaint or suggestion.

Your Information – your Privacy
The department respects your privacy. We are collecting your personal information for the purposes of making decisions under the *Migration Act 1958* and the *Migration Regulations 1994*. We recognise that it is important that the information we hold about you is up-to-date and relevant.

Australia's *Privacy Act 1988* stops us from giving your information to others unless specific exceptions apply, for example, you agree to it, or where we are authorised or required by law to disclose it. You also need to be aware that we may disclose your personal information to other Commonwealth (and in some circumstances, state and territory) government agencies where there is a lawful basis for doing so.

There are separate laws relating to your personal identifiers. These laws set out the circumstances in which we can collect personal identifiers and who we can disclose them to. In most cases, the personal identifiers will be your photograph and signature. In some cases, however, we may require other personal identifiers, such as your fingerprints.

For more detailed information, you should read *Form 993i Safeguarding your personal information* and *Form 1243i Your personal identifying information*, available on our website or from any of our offices.

Client Service Charter
Our Client Service Charter explains our service commitment to you. We are committed to service delivery that is timely, open and accountable, and responsive to your needs. The Charter explains how you can help us and how you can provide feedback or make a complaint. You can read our Client Service Charter on our website, or in a printed copy available from any of our offices.

Service Satisfaction
The department remains committed to ensuring that all clients, both in Australia and overseas, receive not only fair and reasonable treatment, but also an efficient standard of service that is sensitive to each client's needs.

To provide a compliment, complaint or suggestion you can:
- complete a feedback form online at www.homeaffairs.gov.au
- write to the Manager, Global Feedback Unit, Reply Paid 241, Melbourne Vic 3001 Australia

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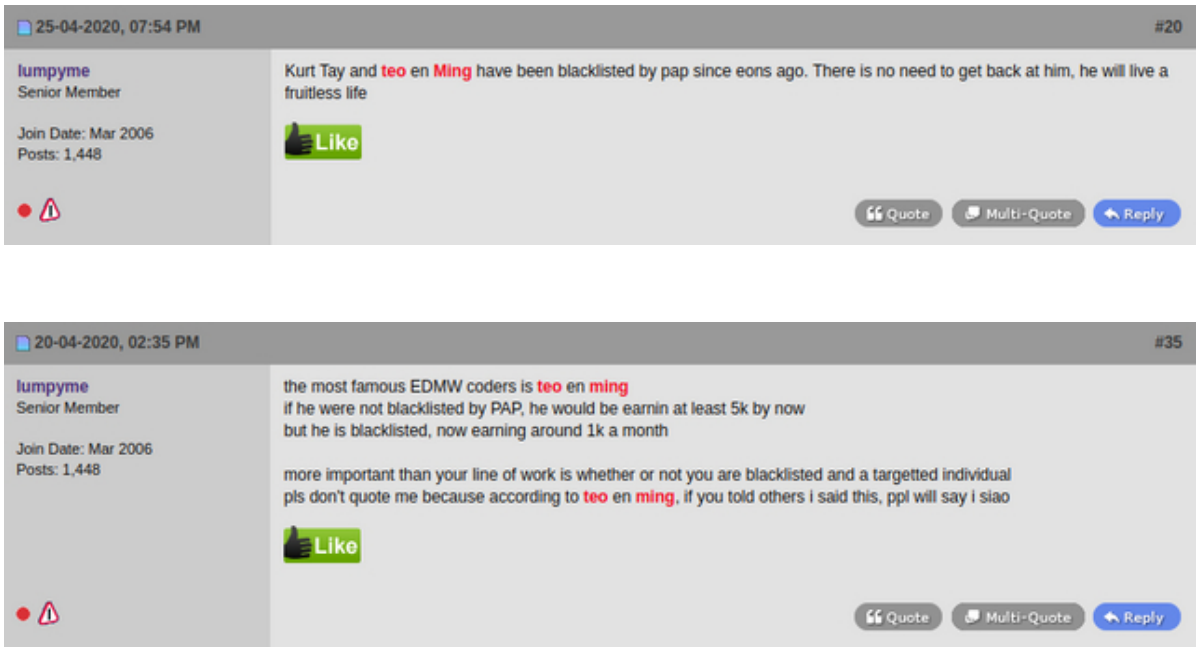
Hardwarezone User lumpyme: Kurt Tay and Teo En Ming have been blacklisted by PAP [Government] since eons ago (2020-05-04 19:05) - Turritopsis Dohrnii Teo En Ming



Hardwarezone User lumpyme:

"Kurt Tay and Teo En Ming have been blacklisted by PAP [Government] since eons ago. There is no need to get back at him, he will live a fruitless live"

"the most famous EDMW coders is Teo En Ming

if he were not blacklisted by PAP, he would be earning at least 5k by now

but he is blacklisted, now earning around 1k a month

more important than your line of work is whether or not you are blacklisted and a targeted individual

pls don’t quote me because according to Teo En Ming, if you told others i said this, ppl will say i siao (crazy)"

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[YouTube] Return of the Condor Heroes 2006 (2020-05-04 12:28) - Turritopsis Dohrnii Teo En Ming

Link: [1]https://www.youtube.com/watch?v=PgvoaZSJc0s &list=PLsIw _Ijqmv4OsjVC3qXW _xETy0yYcg-sG &index=1

Starring Liu Yi Fei.

1. https://www.youtube.com/watch?v=PgvoaZSJc0s&list=PLsIw_Ijqmv4OsjVC3qXW_xETy0yYcg-sG&index=1

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YouTube documentary suggests God does not exist (2020-05-04 12:17) - Turritopsis Dohrnii Teo En Ming

Somebody shared this YouTube documentary in a WhatsApp group.

Link: [1]https://youtu.be/eUhGM5lL9HY?t=565

This YouTube documentary appears to suggest God does not exist.

If God does not exist, I will be extremely sad and disappointed. Because I wish God exists.

1. `https://youtu.be/eUhGM5lL9HY?t=565`

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I have a recurring nightmare (2020-05-04 12:08) - Turritopsis Dohrnii Teo En Ming

I have a recurring nightmare.

I frequently dream that I turn into a giant trillions of times larger than the entire Universe.

As I am strolling, I accidentally stepped on the Universe and crushed it into trillions of pieces.

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Why can’t I earn $66,333 per month like Erramalli Ramesh, Managing Director of JP Morgan Singapore? (2020-05-04 12:04) - Turritopsis Dohrnii Teo En Ming

Subject: Why can’t I earn $66,333 per month like Erramalli Ramesh, Managing Director of JP Morgan Singapore?

Why can’t I earn $66,333 per month like Erramalli Ramesh, Managing Director of JP Morgan Singapore?

Erramalli Ramesh has a university degree from the University of Hull, which is ranked somewhere between 500th and 600th in the world.

I, Turritopsis Dohrnii Teo En Ming, also have a university degree, from the National University of Singapore.

There isn’t anything special/extraordinary with Erramalli Ramesh.

On the other hand, I have a lot of IT skills as my previous blog posts show.

So why can’t I earn $66,333 per month like Erramalli Ramesh, Managing Director of JP Morgan Singapore?

Because I am a Targeted Individual.

A Targeted Individual is a person who is persecuted, targeted and marked by the government.

The government will never allow Targeted Individuals to earn a lot of money. It will ensure that Targeted Individuals live in poverty forever.

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Review of SGD$118 BDF HL-1088A3 Netbook (2020-05-02 19:31) - Turritopsis Dohrnii Teo En Ming

Subject: Review of SGD $118 BDF HL-1088A3 Netbook

I had an impulse to buy and try this BDF HL-1088A3 netbook because it is super duper cheap. The price being SGD $118.

The seller is based in Shenzhen, Guangdong, China. I placed an order on 17 April 2020. The netbook was shipped and delivered to me in Singapore on 26 April 2020, merely 9 days later. I must say that international shipping from China to Singapore is rather speedy.

For a price of SGD $118, I was pleasantly surprised the netbook is able to play 4K UHD videos, albeit with horizontal lines in the middle of the screen. Although there are artifacts, 4K UHD videos play smoothly on the netbook with the Videos app.

Playing YouTube videos through Wi-Fi is also smooth. I was able to install Adobe Acrobat Reader for reading PDF documents as well.

To transfer photos and videos from SD cards (there is a SD/MMC card slot on the netbook) to portable harddisks, you need to install MLUSB Mounter and NTFS Write. Support for NTFS filesystem is not native because the operating system of the netbook is Android, not Windows or regular Linux. Although the netbook runs on Android, it allows you to use a USB optical mouse. And there is a conventional keyboard. To facilitate connectivity, there are 2 USB ports. The netbook also has a RJ45 network port for users who do not wish to use Wi-Fi.

Mr. Turritopsis Dohrnii Teo En Ming
Singapore
2nd May 2020 Saturday

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Mark Shuttleworth on Ubuntu popularity and Canonical profitability (2020-05-02 18:19) - Turritopsis Dohrnii Teo En Ming

Link: [1]https://www.zdnet.com/article/mark-shuttleworth-on-ubuntu-populari ty-and-canonical-profitability/

1. `https://www.zdnet.com/article/mark-shuttleworth-on-ubuntu-popularity-and-canonical-profitability/`

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Lenovo will start offering ThinkPads with Linux pre-installed (2020-05-02 18:18) - Turritopsis Dohrnii Teo En Ming

Link: [1]https://www.techspot.com/news/85020-lenovo-start-offering-thinkp ads-linux-pre-installed.html

1. https://www.techspot.com/news/85020-lenovo-start-offering-thinkpads-linux-pre-installed.html

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1.9 April

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How to install Zoom on Ubuntu 18.04.3 LTS Desktop Linux (2020-04-29 19:06) - Turritopsis Dohrnii Teo En Ming

sudo apt install libxcb-xtest0

sudo dpkg -i zoom _amd64.deb

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How to secure your Linux email services with SSL/TLS (2020-04-29 16:45) - Turritopsis Dohrnii Teo En Ming

Link: [1]https://opensource.com/article/20/4/securing-linux-email

1. `https://opensource.com/article/20/4/securing-linux-email`

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Fedora 32 Linux-based operating system available for download with GNOME 3.36

(2020-04-29 16:43) - Turritopsis Dohrnii Teo En Ming

Link: [1]https://betanews.com/2020/04/28/fedora-32-linux/

1. `https://betanews.com/2020/04/28/fedora-32-linux/`

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How to Upgrade Ubuntu 18.04 LTS to Ubuntu 20.04 LTS (2020-04-28 17:16) - Turritopsis Dohrnii Teo En Ming

Link: [1]https://www.linuxtechi.com/upgrade-ubuntu-18-04-lts-to-ubuntu-20-0 4-lts/

1. `https://www.linuxtechi.com/upgrade-ubuntu-18-04-lts-to-ubuntu-20-04-lts/`

Desktop Operating System Market Share Worldwide (2020-04-28 17:13) - Turritopsis Dohrnii Teo En Ming

Link: [1]https://gs.statcounter.com/os-market-share/desktop/worldwide/

1. `https://gs.statcounter.com/os-market-share/desktop/worldwide/`

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IBM goes all-in on hybrid cloud (2020-04-28 17:12) - Turritopsis Dohrnii Teo En Ming

Link: [1]https://www.networkworld.com/article/3540191/ibm-goes-all-in-on- hybrid-cloud.html

1. `https://www.networkworld.com/article/3540191/ibm-goes-all-in-on-hybrid-cloud.html`

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Windows vs. MacOS vs. Chrome OS vs. Ubuntu Linux: Which Operating System Reigns Supreme? (2020-04-28 17:10) - Turritopsis Dohrnii Teo En Ming

Link: [1]https://sea.pcmag.com/mobile-operating-system/37070/windows-vs-mac os-vs-chrome-os-vs-ubuntu-linux-which-operating-system-reigns-supreme

1. https://sea.pcmag.com/mobile-operating-system/37070/windows-vs-macos-vs-chrome-os-vs-ubuntu-linux-which-operating-system-reigns-supreme

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GoodBye Linux : the next OS (2020-04-28 17:09) - Turritopsis Dohrnii Teo En Ming

Link: [1]https://medium.com/@sudhakar.dharmaraju/goodbye-linux-the-next-o s-317801a5c0ba

1. `https://medium.com/@sudhakar.dharmaraju/goodbye-linux-the-next-os-317801a5c0ba`

Mighty CPU rival to Intel and AMD set to shake up the market (2020-04-28 17:07) - Turritopsis Dohrnii Teo En Ming

Link: [1]https://www.techradar.com/news/mighty-and-surprising-cpu-rival-t o-intel-and-amd-to-come-next-year

1. https://www.techradar.com/news/mighty-and-surprising-cpu-rival-to-intel-and-amd-to-come-next-year

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How to manage a big hotel with a little Raspberry Pi (2020-04-28 17:05) - Turritopsis Dohrnii Teo En Ming

Link: [1]https://opensource.com/article/20/4/qloapps-raspberry-pi

1. `https://opensource.com/article/20/4/qloapps-raspberry-pi`

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Sophos firewalls' firewall operating system is based on Linux (2020-04-28 17:04) - Turritopsis Dohrnii Teo En Ming

Subject: Sophos firewalls' firewall operating system is based on Linux

Good afternoon from Singapore,

This is an information sharing service from Mr. Turritopsis Dohrnii Teo En Ming.

Article: "Asnarök" Trojan targets firewalls
Link: [1]https://news.sophos.com/en-us/2020/04/26/asnarok/

Article: Hackers Mount Zero-Day Attacks on Sophos Firewalls
Link: [2]https://threatpost.com/hackers-zero-day-attacks-sophos-firewalls/155169/

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[1] [3]https://lkml.org/lkml/2020/4/28/262

[2] [4]http://lkml.iu.edu/hypermail/linux/kernel/2004.3/04223.html

[3] [5]https://marc.info/?l=linux-kernel &m=158806385432054 &w=2

[4] [6]http://lists.linuxfromscratch.org/pipermail/lfs-chat/2020-April/029114 .html

1. https://news.sophos.com/en-us/2020/04/26/asnarok/
2. https://threatpost.com/hackers-zero-day-attacks-sophos-firewalls/155169/
3. https://lkml.org/lkml/2020/4/28/262
4. http://lkml.iu.edu/hypermail/linux/kernel/2004.3/04223.html
5. https://marc.info/?l=linux-kernel&m=158806385432054&w=2
6. http://lists.linuxfromscratch.org/pipermail/lfs-chat/2020-April/029114.html

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Teo En Ming's Idols and Heroes: Qiao Feng (Xiao Feng), Xuzhu and Duanyu (2020-04-27 11:26) - Turritopsis Dohrnii Teo En Ming

Watch [YOUTUBE] The Demi-Gods and Semi-Devils [hanyu pinyin: tian long ba bu]

Link: [1]https://www.youtube.com/watch?v=RdHiIKeo-sg &list=PLSIJismKOisFF1Hz06kfkw4E-4M2OIWfV

Total of 54 episodes.

1. https://www.youtube.com/watch?v=RdHiIKeo-sg&list=PLSIJismKOisFF1Hz06kfkw4E-4M2OIWfV

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Why do I have 700+ lines of snort: WARNING: flowbits key 'blah blah blah' is set but not ever checked on my firewall appliance? (2020-04-23 17:51) - Turritopsis Dohrnii Teo En Ming

Good afternoon from Singapore,

Why do I have 700+ lines of snort: WARNING: flowbits key 'blah blah blah' is set but not ever checked on my firewall appliance?

Is it a cause for concern?

Thank you.

REFERENCES
==========

[1] [1]https://lists.snort.org/pipermail/snort-users/2020-April/07354 9.html

[2] [2]https://marc.info/?l=snort-users &m=158763230307338 &w=2

1. https://lists.snort.org/pipermail/snort-users/2020-April/073549.html
2. https://marc.info/?l=snort-users&m=158763230307338&w=2

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I am wondering if *all* the opposition politicians and political activists in Singapore are fake and planted by the government (2020-04-23 17:42) - Turritopsis Dohrnii Teo En Ming

I am wondering if all the opposition politicians and political activists in Singapore are fake and planted by the government.

I am a Targeted Individual. A Targeted Individual is someone who is persecuted, targeted, and marked by the government.

I have been blogging and posting in social media for the past 14 years. Till today (23 April 2020 Thu), not a single opposition politician and not a single political activist in Singapore has spoken up publicly (and in Parliament) about my plight and that of other Targeted Individuals like Cheong Wei Chang, Gilbert Louis and many others.

The Online Citizen (TOCSG) at https://theonlinecitizen.com claims to be an independent news platform. In the past, I have also submitted artiles to The Online Citizen (TOCSG). However, TOCSG refused to publish my articles.

Is TOCSG also a fake independent news platform and planted by the Singapore Government?

Mr. Turritopsis Dohrnii Teo En Ming
Singapore

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Router with open Linux stack adds IPS firewall and cellular backup (2020-04-23 17:28) - Turritopsis Dohrnii Teo En Ming

Link: [1]https://linuxgizmos.com/router-with-open-linux-stack-adds-ips-fire wall-and-cellular-backup/

1. https://linuxgizmos.com/router-with-open-linux-stack-adds-ips-firewall-and-cellular-backup/

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Give your Raspberry Pi a retro Windows makeover with Linux RaspbianXP Professional and Linux Raspbian95 (2020-04-23 17:26) - Turritopsis Dohrnii Teo En Ming

Link: [1]https://betanews.com/2020/04/22/linux-raspbianxp-professional-ra spbian95/

1. https://betanews.com/2020/04/22/linux-raspbianxp-professional-raspbian95/

Ubuntu 20.04 survey results (2020-04-23 17:24) - Turritopsis Dohrnii Teo En Ming

Link: [1]https://ubuntu.com/blog/ubuntu-20-04-survey-results

1. `https://ubuntu.com/blog/ubuntu-20-04-survey-results`

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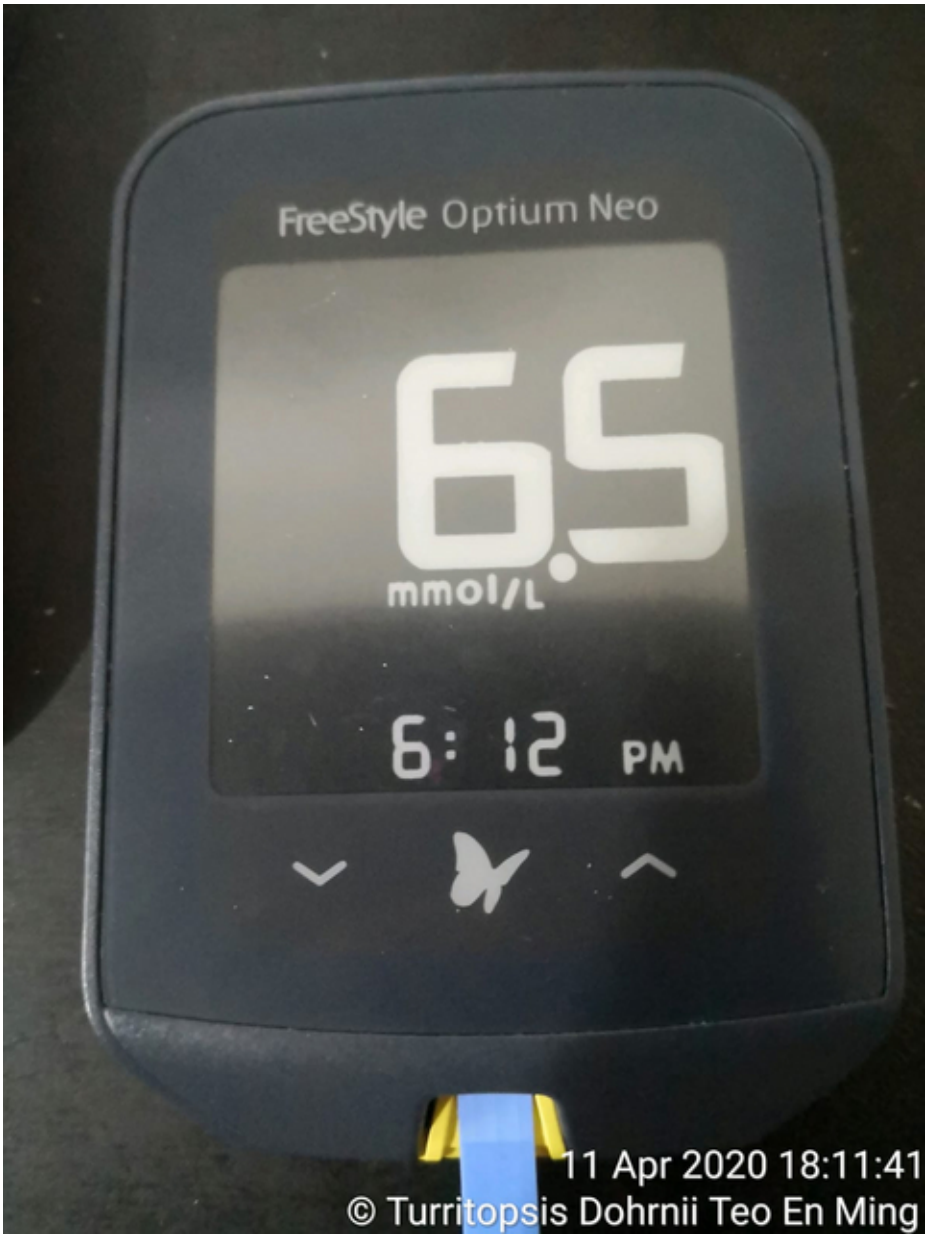
Blood glucose readings 11-22 April 2020 (2020-04-22 21:14) - Turritopsis Dohrnii Teo En Ming



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FreeStyle Optium Neo
5.7
mmol/L
9:36
12 Apr 2020 09:36:28
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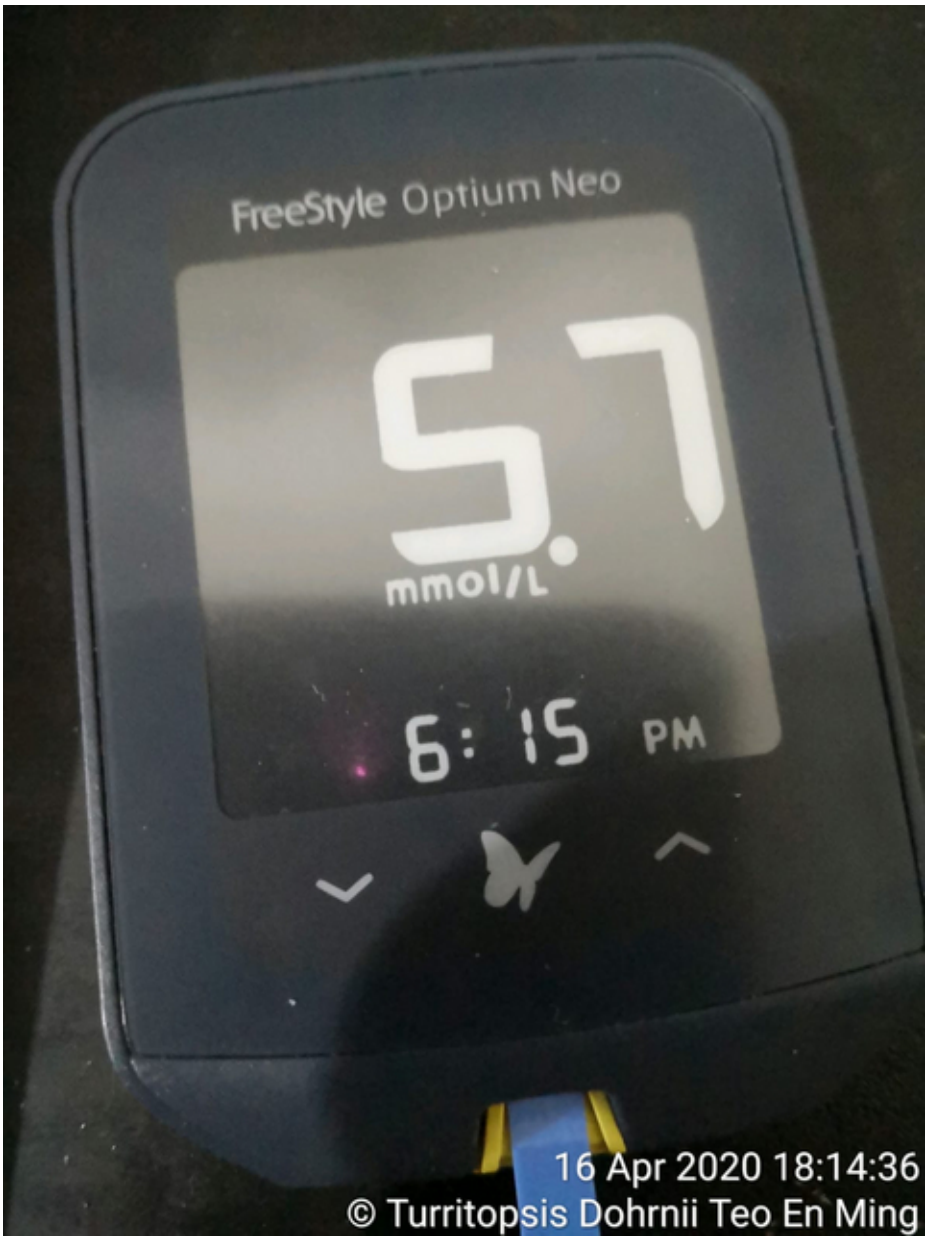

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FreeStyle Optium Neo
5.5
mmol/L
10:30
17 Apr 2020 10:30:36
© Turritopsis Dohrnii Teo En Ming

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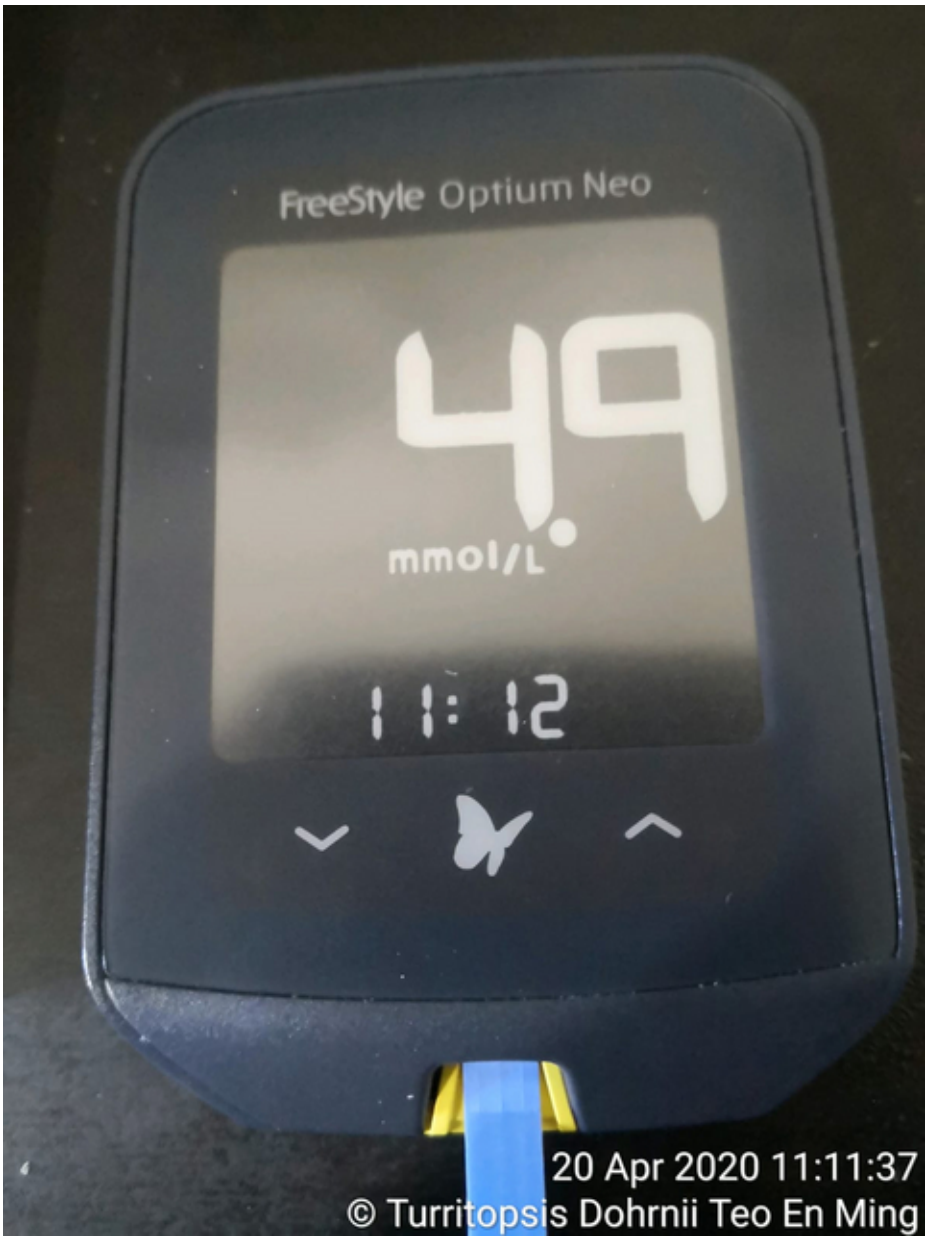
FreeStyle Optium Neo
4.9
mmol/L
11:12
20 Apr 2020 11:11:37
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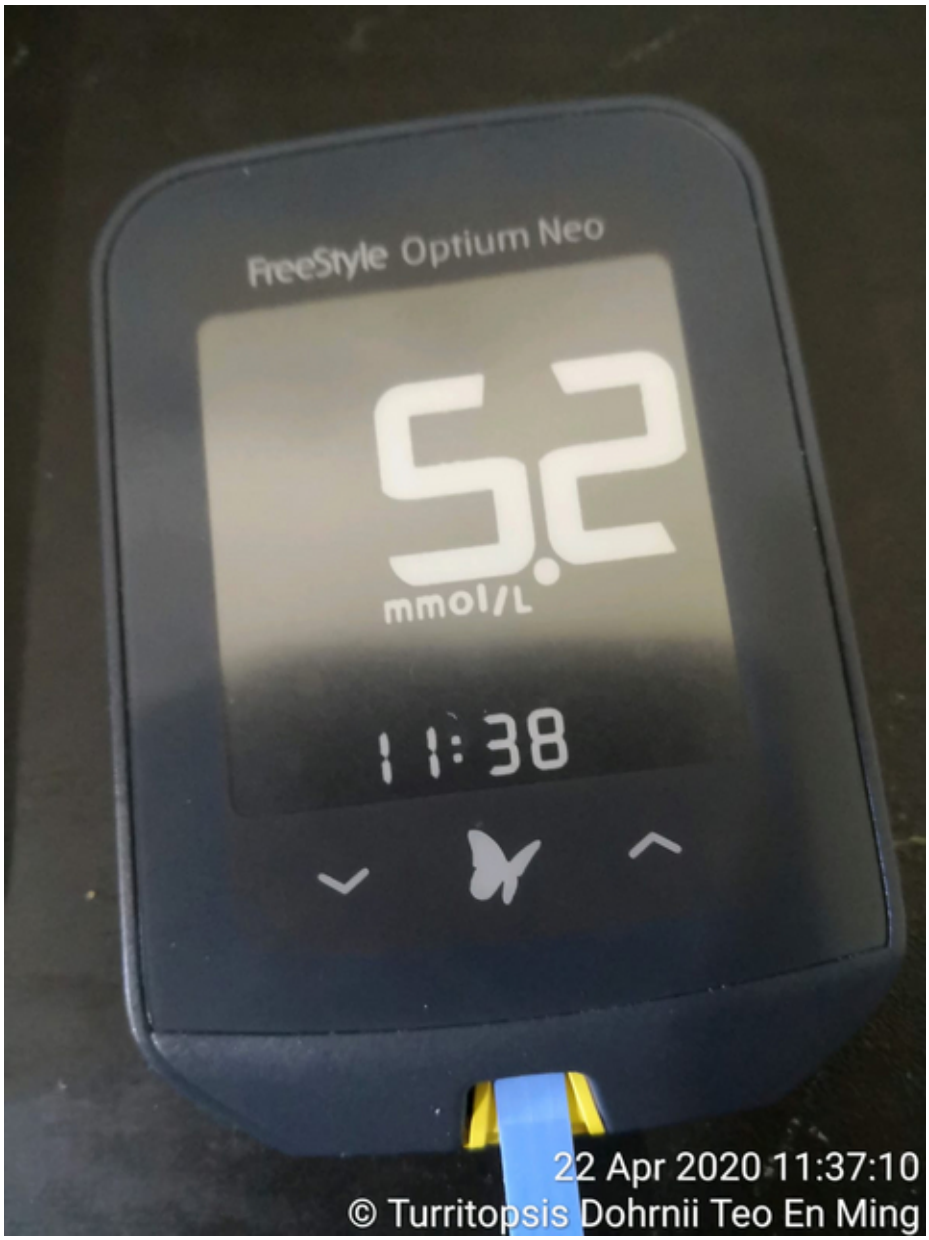
FreeStyle Optium Neo
5.2
mmol/L
11:38
22 Apr 2020 11:37:10
© Turritopsis Dohrnii Teo En Ming

Donations to the FreeBSD Foundation (2020-04-22 21:03) - Turritopsis Dohrnii Teo En Ming

Donations to the FreeBSD Foundation

Link: [1]https://www.freebsdfoundation.org/donors/

1. https://www.freebsdfoundation.org/donors/

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I want to buy AMD Ryzen™ Threadripper™ 3990X processor with 64 cores and 128 threads!

(2020-04-22 20:59) - Turritopsis Dohrnii Teo En Ming

I want to buy AMD Ryzen™ Threadripper™ 3990X processor with 64 cores and 128 threads!

Link: [1]https://www.amd.com/en/products/cpu/amd-ryzen-threadripper-3990x

Unfortunately the processor and motherboard combo costs at least SGD $6600. I will *never* be able to afford it because I live in extreme poverty in Singapore. I live in extreme poverty in Singapore because I am a Targeted Individual.

A Targeted Individual is a person who is persecuted, targeted and marked by the government.

1. `https://www.amd.com/en/products/cpu/amd-ryzen-threadripper-3990x`

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How to change wallpaper settings on Ubuntu 18.04.3 LTS Desktop Linux (2020-04-22 20:52) - Turritopsis Dohrnii Teo En Ming

Link: [1]https://askubuntu.com/questions/1022975/why-are-my-wallpaper-set tings-tile-zoom-center-scale-fill-or-span-options-n

1. https://askubuntu.com/questions/1022975/why-are-my-wallpaper-settings-tile-zoom-center-scale-fill-or-span-options-n

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Extreme difficulty getting Evolution-EWS to work with Office 365 by following Wiki
(2020-04-22 20:50) - Turritopsis Dohrnii Teo En Ming

Good morning from Singapore,

I have extreme difficulty getting Evolution-EWS to work with Office 365 by following the following Wiki.

[1]https://wiki.gnome.org/Apps/Evolution/EWS/OAuth2

I believe the above Wiki is very outdated and needs updating. Where can I find the latest updated version of the above wiki?

After configuring Evolution email client by following the above Wiki and trying to login, I get the following ERROR:

Failed to obtain access token from address "https://login.microsoftonline.com/TENANT ID/oauth2/token": Unauthorized
({"error":"invalid _client","error _description":"AADSTS7000218:
The request body must contain the following parameter:
'client _assertion' or 'client _secret'.\r\nTrace ID:\r\nCorrelation ID:\r\nTimestamp:2020-04-21 16:52:44Z","error codes":[7000218],"timestamp":"2020-04-21 16:52:44Z","trace _id":"","correlation _id":"","error _uri":"https://login.microsoftonline.com/error?code=7000218" })

I am looking forward to hearing from you.

Thank you.

REFERENCES
==========

[1] [2]https://mail.gnome.org/archives/evolution-list/2020-April/msg0 0106.html

[2] [3]https://marc.info/?l=evolution &m=158748900620863 &w=2

1. https://wiki.gnome.org/Apps/Evolution/EWS/OAuth2
2. https://mail.gnome.org/archives/evolution-list/2020-April/msg00106.html
3. https://marc.info/?l=evolution&m=158748900620863&w=2

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Fermilab, European Organization for Nuclear Research (CERN), Germany's particle accelerator center (DESY) and ETH Zurich use CentOS 8 Linux (2020-04-16 21:48) - Turritopsis Dohrnii Teo En Ming

Fermilab, European Organization for Nuclear Research (CERN), Germany's particle accelerator center (DESY) and ETH Zurich use CentOS 8 Linux

Scientific Linux is driven by Fermilab's scientific mission and focused on the changing needs of experimental facilities.

Fermilab is looking ahead to DUNE[1] and other future international collaborations. One part of this is unifying our computing platform with collaborating labs and institutions.

Toward that end, we will deploy CentOS 8 in our scientific computing environments rather than develop Scientific Linux 8. We will collaborate with CERN and other labs to help make CentOS an even better platform for high-energy physics computing.

Fermilab will continue to support Scientific Linux 6 and 7 through the remainder of their respective lifecycles. Thank you to all who have contributed to Scientific Linux and who continue to do so.

[1] For more information on DUNE please visit https://www.dunescience.org/

James Amundson
Head, Scientific Computing Division

Office of the CIO
Fermi National Accelerator Laboratory

REFERENCES
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[1] [1]https://listserv.fnal.gov/scripts/wa.exe?A2=SCIENTIFIC-LINUX -ANNOUNCE;11d6001.1904

1. https://listserv.fnal.gov/scripts/wa.exe?A2=SCIENTIFIC-LINUX-ANNOUNCE;11d6001.1904

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Red Hat Enterprise Linux 8.2 Beta now available (2020-04-14 20:13) - Turritopsis Dohrnii Teo En Ming

Link:
[1]https://www.redhat.com/en/blog/red-hat-enterprise-linux-82-beta-now-availabl
e

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[1] [2]https://lists.centos.org/pipermail/centos/2020-April/350100.html

1. https://www.redhat.com/en/blog/red-hat-enterprise-linux-82-beta-now-available
2. https://lists.centos.org/pipermail/centos/2020-April/350100.html

What are the differences between RHEL and Fedora Server? (2020-04-14 20:11) - Turritopsis Dohrnii Teo En Ming

Good afternoon from Singapore, What are the differences between RHEL and Fedora Server? Because I think both RHEL and Fedora Server are from Red Hat Inc. When do I use RHEL? When do I use Fedora Server? I am looking forward to hearing from you soon. Thank you.

REFERENCES

==========

[1] [1]https://lists.fedoraproject.org/archives/list/users @lists.fedoraproject.org/thread/ADOSRDIZ4-ONMWO3PSNAJ27QOY6VGUP4V/

1. https://lists.fedoraproject.org/archives/list/users@lists.fedoraproject.org/thread/ADOSRDIZ4ONMWO3PSNAJ27QOY6VGUP4V/

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Can I install Debian on Raspberry Pi? (2020-04-14 20:10) - Turritopsis Dohrnii Teo En Ming

Good afternoon from Singapore,

Can I install Debian on Raspberry Pi? When I am downloading Debian ISOs, do I choose the arm64 architecture?

I am looking forward to hearing from you soon.

Thank you.

REFERENCES

==========

[1] [1]https://lists.debian.org/debian-user/2020/04/msg00740.html

[2] [2]https://marc.info/?l=debian-user&m=158685448020232&w=2

1. https://lists.debian.org/debian-user/2020/04/msg00740.html
2. https://marc.info/?l=debian-user&m=158685448020232&w=2

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Is there a bug in File Manager? (2020-04-14 20:07) - Turritopsis Dohrnii Teo En Ming

Subject: Is there a bug in File Manager?

Good afternoon from Singapore,

I am using Ubuntu 18.04.3 LTS Desktop Edition with GNOME Desktop Manager.

There was an incident when I was trying to do backup. I tried to copy files and folders from my home directory to portable external harddrives but noticed many files and folders were not copied over.

Is there a bug in File Manager?

Could you recommend a reliable way to backup files and folders (no skipping of files and folders)?

Thank you.

REFERENCES

==========

[1] [1]https://lists.ubuntu.com/archives/ubuntu-users/2020-April/299835.html

1. https://lists.ubuntu.com/archives/ubuntu-users/2020-April/299835.html

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Can I configure my Snort IDS/IPS to detect vulnerability scans from Nessus, openVAS, Metasploit and others? (2020-04-11 14:16) - Turritopsis Dohrnii Teo En Ming

Good afternoon from Singapore,

Can I configure my Snort IDS/IPS to detect vulnerability scans from
Nessus, openVAS, metasploit and other vulnerability scanners?

Which preprocessor and snort rules do I have to turn on?

I am looking forward to hearing from you.

Thank you.

Mr. Turritopsis Dohrnii Teo En Ming

REFERENCES

==========

[1] [1]https://forum.netgate.com/topic/152412/can-i-configure-my-snor t-ids-ips-to-detect-vulnerability-scans-from-nessus-openvas-metasploit-and-othe rs

1. https://forum.netgate.com/topic/152412/can-i-configure-my-snort-ids-ips-to-detect-vulnerability-scans-from-nessus-openvas-metasploit-and-others

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How do I download, install and use openVAS scanner? (2020-04-11 14:13) - Turritopsis Dohrnii Teo En Ming

Good evening from Singapore,

How do I download, install and use openVAS scanner? Are there any good tutorials on this?

I am looking forward to hearing from you soon.

Regards,

Mr. Turritopsis Dohrnii Teo En Ming

REFERENCES

==========

[1] [1]https://community.greenbone.net/t/how-do-i-download-install-an d-use-openvas-scanner/5075

1. `https://community.greenbone.net/t/how-do-i-download-install-and-use-openvas-scanner/5075`

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New math theory suggests time travel is impossible (2020-04-11 14:09) - Turritopsis Dohrnii Teo En Ming

Link: [1]https://thenextweb.com/insights/2020/04/09/new-math-theory-sugge sts-time-travel-is-impossible/

1. https://thenextweb.com/insights/2020/04/09/new-math-theory-suggests-time-travel-is-impossible/

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All the Android smartphones in the world are based on Linux (2020-04-11 14:07) - Turritopsis Dohrnii Teo En Ming

From Wikipedia:

Android is a [1]mobile operating system based on a modified version of the [2]Linux kernel and other [3]open source software, designed primarily for [4]touchscreen mobile devices such as [5]smartphones and [6]tablets. Android is developed by a consortium of developers known as the [7]Open Handset Alliance, with the main contributor and commercial marketer being [8]Google.[9][10]

Initially developed by Android Inc., which Google bought in 2005, Android was unveiled in 2007, with the [10]first commercial Android device launched in September 2008. The current stable version is [11]Android 10, released on September 3, 2019. The core Android source code is known as Android Open Source Project (AOSP), which is primarily licensed under the [12]Apache License. This has allowed variants of Android to be developed on a range of other electronics, such as [13]game consoles, [14]digital cameras, [15]PCs and others, each with a specialized user interface. Some well known derivatives include [16]Android TV for televisions and [17]Wear OS for wearables, both developed by Google.

Android's source code has been used as the basis of different ecosystems, most notably that of Google which is associated with a suite of [18]proprietary software called [19]Google Mobile Services (GMS),[20][11] that frequently comes pre-installed on said devices. This includes core apps such as [21]Gmail, the [22]digital distribution platform [23]Google Play and associated [24]Google Play Services development platform, and usually apps such as the [25]Google Chrome web browser. These apps are licensed by manufacturers of Android devices certified under standards imposed by Google. Other competing Android ecosystems include [26]Amazon.com's [27]Fire OS, or [28]LineageOS. Software distribution is generally offered through proprietary [29]application stores like [30]Google Play Store or [31]Samsung Galaxy Store, or open source platforms like [32]Aptoide or [33]F-Droid, which use software packages in the [34]APK format.

Android has been the best-selling OS worldwide on smartphones since 2011 and on tablets since 2013. As of May 2017, it has over two billion [35]monthly active users, the largest [36]installed base of any operating system, and as of January 2020, the Google Play Store features over 2.9 million apps.

Link: [37]https://en.wikipedia.org/wiki/Android _(operating _system)

1. https://en.wikipedia.org/wiki/Mobile_operating_system
2. https://en.wikipedia.org/wiki/Linux_kernel
3. https://en.wikipedia.org/wiki/Open-source_software
4. https://en.wikipedia.org/wiki/Touchscreen
5. https://en.wikipedia.org/wiki/Smartphone
6. https://en.wikipedia.org/wiki/Tablet_computer
7. https://en.wikipedia.org/wiki/Open_Handset_Alliance
8. https://en.wikipedia.org/wiki/Google
9. https://en.wikipedia.org/wiki/Android_(operating_system)#cite_note-10
10. https://en.wikipedia.org/wiki/HTC_Dream
11. https://en.wikipedia.org/wiki/Android_10
12. https://en.wikipedia.org/wiki/Apache_License
13. https://en.wikipedia.org/wiki/Video_game_console
14. https://en.wikipedia.org/wiki/Digital_camera
15. https://en.wikipedia.org/wiki/Personal_computer
16. https://en.wikipedia.org/wiki/Android_TV
17. https://en.wikipedia.org/wiki/Wear_OS
18. https://en.wikipedia.org/wiki/Proprietary_software
19. https://en.wikipedia.org/wiki/Google_Mobile_Services
20. https://en.wikipedia.org/wiki/Android_(operating_system)#cite_note-11
21. https://en.wikipedia.org/wiki/Gmail

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22. https://en.wikipedia.org/wiki/Digital_distribution
23. https://en.wikipedia.org/wiki/Google_Play
24. https://en.wikipedia.org/wiki/Google_Play_Services
25. https://en.wikipedia.org/wiki/Google_Chrome
26. https://en.wikipedia.org/wiki/Amazon.com
27. https://en.wikipedia.org/wiki/Fire_OS
28. https://en.wikipedia.org/wiki/LineageOS
29. https://en.wikipedia.org/wiki/Application_store
30. https://en.wikipedia.org/wiki/Google_Play_Store
31. https://en.wikipedia.org/wiki/Samsung_Galaxy_Store
32. https://en.wikipedia.org/wiki/Aptoide
33. https://en.wikipedia.org/wiki/F-Droid
34. https://en.wikipedia.org/wiki/Android_application_package
35. https://en.wikipedia.org/wiki/Monthly_active_users
36. https://en.wikipedia.org/wiki/Installed_base
37. https://en.wikipedia.org/wiki/Android_(operating_system)

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New group + individual photos of ’Nizi Project’ season 2 trainees (2020-04-11 14:01) - Turritopsis Dohrnii Teo En Ming

Link: [1]https://www.allkpop.com/article/2020/04/new-group-individual-pho tos-of-nizi-project-season-2-trainees

1. https://www.allkpop.com/article/2020/04/new-group-individual-photos-of-nizi-project-season-2-trainees

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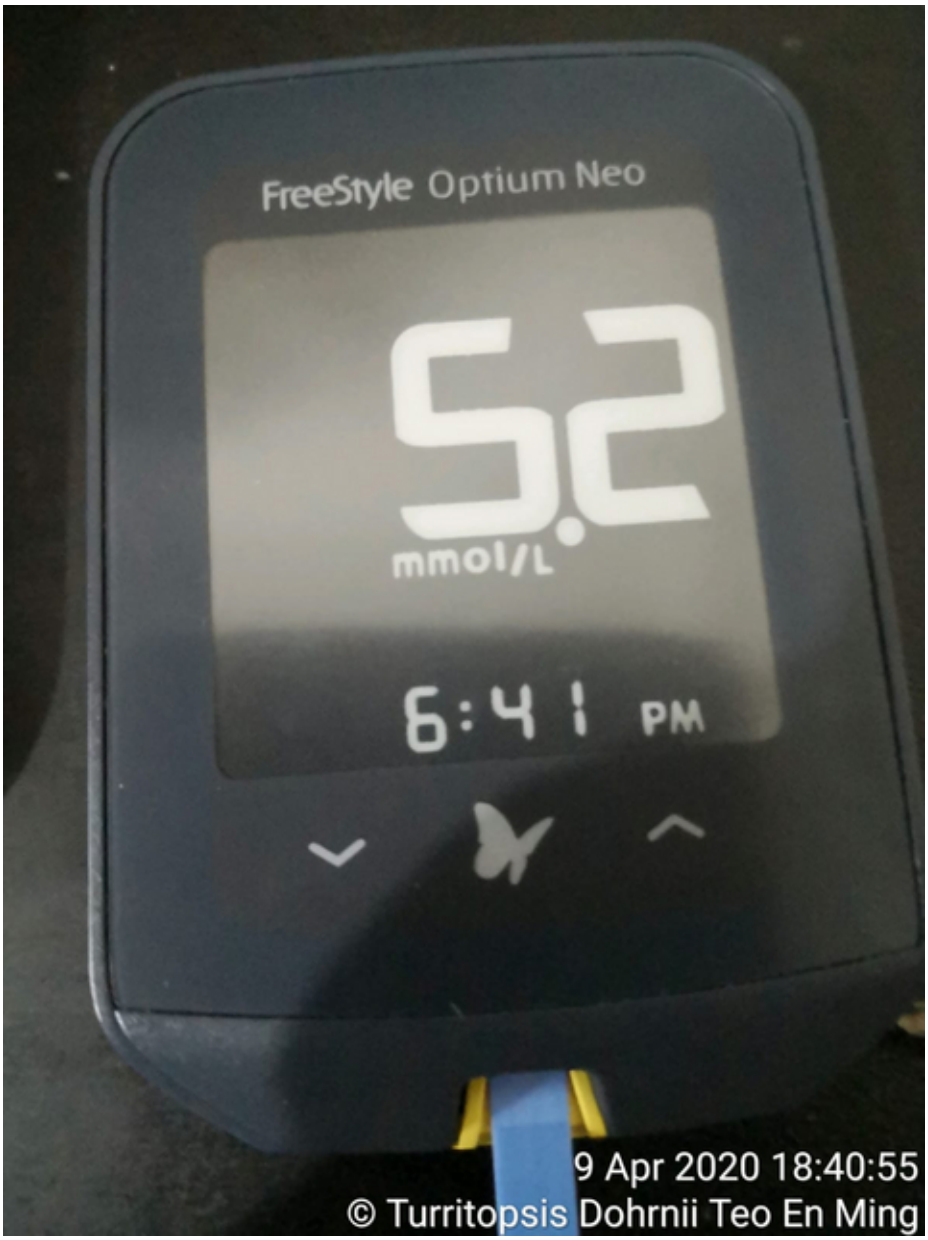
Blood glucose readings 9-10 Apr 2020 (2020-04-10 20:16) - Turritopsis Dohrnii Teo En Ming

10 April 2020 is Good Friday, public holiday, stay at home.

Please refer to photos below.



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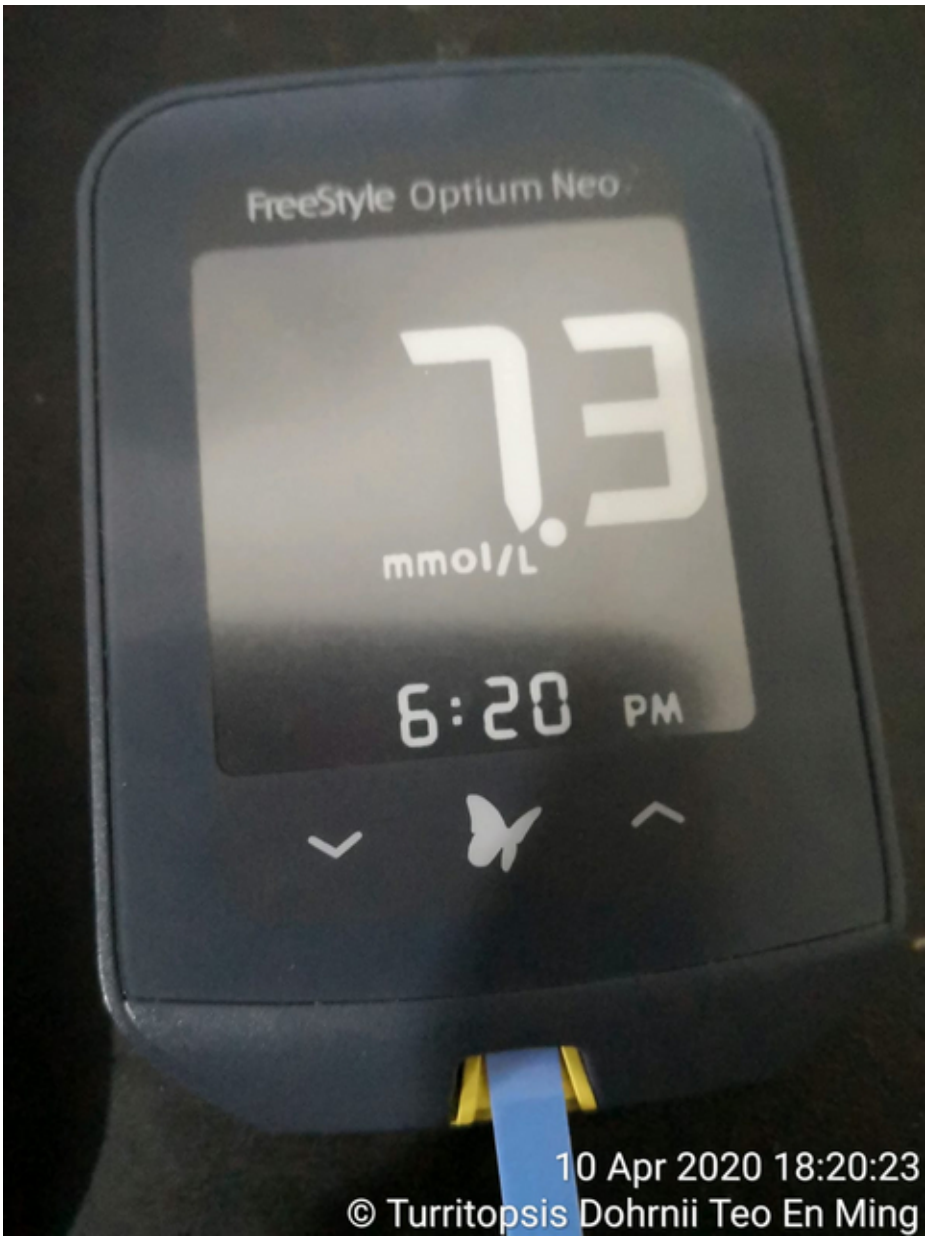

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[NewScientist] We may have spotted a parallel universe going backwards in time (2020-04-10 20:12) - Turritopsis Dohrnii Teo En Ming

Link: [1]https://www.newscientist.com/article/mg24532770-400-we-may-have- spotted-a-parallel-universe-going-backwards-in-time/

1. https://www.newscientist.com/article/mg24532770-400-we-may-have-spotted-a-parallel-universe-going-backwards-in-time/

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Not-actually Linux distro review: FreeBSD 12.1-RELEASE (2020-04-10 20:10) - Turritopsis Dohrnii Teo En Ming

Link: [1]https://arstechnica.com/gadgets/2020/04/not-actually-linux-distr o-review-freebsd-12-1-release/

1. https://arstechnica.com/gadgets/2020/04/not-actually-linux-distro-review-freebsd-12-1-release/

How to Install pfSense Firewall on Ubuntu and CentOS? (2020-04-10 20:09) - Turritopsis Dohrnii Teo En Ming

Link: [1]https://geekflare.com/pfsense-installation-guide/

1. https://geekflare.com/pfsense-installation-guide/

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How to Evade National Service and Reservist (Conscription) in Singapore with Guaranteed Success

(2020-04-10 13:44) - Turritopsis Dohrnii Teo En Ming

Subject: How to Evade National Service and Reservist (Conscription) in Singapore with Guaranteed Success

This is an advice/suggestion to all Singaporean males who are below the age of 18 years old (how to malinger).

If you tell people in the Singapore-based Hardwarezone Eat-Drink-Man-Woman (EDMW) forums that you are a Targeted Individual, trillions of pro-PAP government supporters and secret government agents there will tell you that you have a mental illness, for sure.

A Targeted Individual is a person who is persecuted, targeted and marked by the government.

A Targeted Individual is a person who is persecuted, targeted and marked by the government.

If you make an appointment and tell a psychiatrist in Singapore that you are a Targeted Individual, you will definitely be diagnosed with a mental illness.

This is how I have managed to evade reservist duties for the past 19 years since 2001 until today 10 April 2020 Good Friday (malingering).

Try it! You will never have to serve National Service and Reservist for the whole of your lives. Guaranteed.

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==========

[1] [1]https://lkml.org/lkml/2020/4/10/44

[2] [2]http://lkml.iu.edu/hypermail/linux/kernel/2004.1/02269.html

[3] [3]https://marc.info/?l=linux-kernel &m=158649660409177 &w=2

[4] [4]http://lists.linuxfromscratch.org/pipermail/lfs-chat/2020-Apri l/029113.html

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4. http://lists.linuxfromscratch.org/pipermail/lfs-chat/2020-April/029113.html

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Can I configure my Snort IDS/IPS to detect vulnerability scans from Nessus? (2020-04-10 13:41) - Turritopsis Dohrnii Teo En Ming

Good evening from Singapore,

Can I configure my Snort IDS/IPS to detect vulnerability scans from Nessus?

I am looking forward to hearing from you.

Thank you.

REFERENCES

==========

[1] [1]https://lists.snort.org/pipermail/snort-users/2020-April/073468.html

1. https://lists.snort.org/pipermail/snort-users/2020-April/073468.html

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[URGENT] No port scan detection rules? (2020-04-10 13:39) - Turritopsis Dohrnii Teo En Ming

Good evening from Singapore,

When I run nmap online and ShieldsUP!! at grc.com, my Snort IDS/IPS did
not trigger any alerts at all.

Where can I find port scan detection rules and enable them?

I am looking forward to hearing from you soon.

Thank you very much.

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==========

[1] [1]https://lists.snort.org/pipermail/snort-users/2020-April/073456.html

1. https://lists.snort.org/pipermail/snort-users/2020-April/073456.html

[YOUTUBE] Super Pretty Sichuan Girl Nansheng in 3 Gifts For Foodie S3 - EP 2

(2020-04-08 22:14) - Turritopsis Dohrnii Teo En Ming

Link: [1]https://www.youtube.com/watch?v=Kc _mBf7Zu7o

1. https://www.youtube.com/watch?v=Kc_mBf7Zu7o

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Free University Short Courses at Charles Sturt University (2020-04-08 22:12) - Turritopsis Dohrnii Teo En Ming

Link: [1]https://www.itmasters.edu.au/about-it-masters/free-short-courses/

1. `https://www.itmasters.edu.au/about-it-masters/free-short-courses/`

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190 universities just launched 600 free online courses. Here's the full list. (2020-04-08 22:10) - Turritopsis Dohrnii Teo En Ming

Link: [1]https://www.classcentral.com/report/new-courses-october-2018/

1. https://www.classcentral.com/report/new-courses-october-2018/

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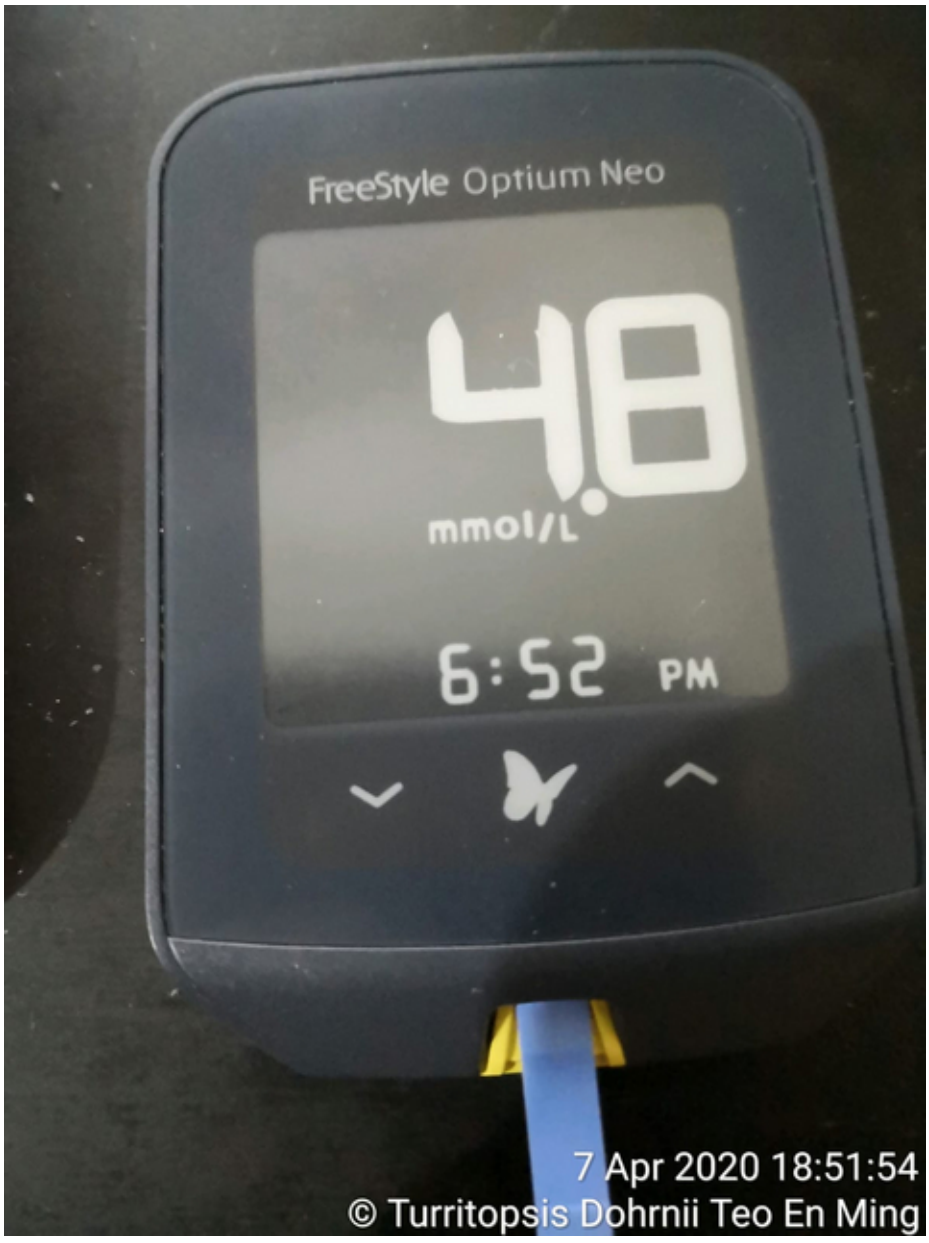
Blood glucose readings 7-8 April 2020 (2020-04-08 22:07) - Turritopsis Dohrnii Teo En Ming

Please refer to photos below.



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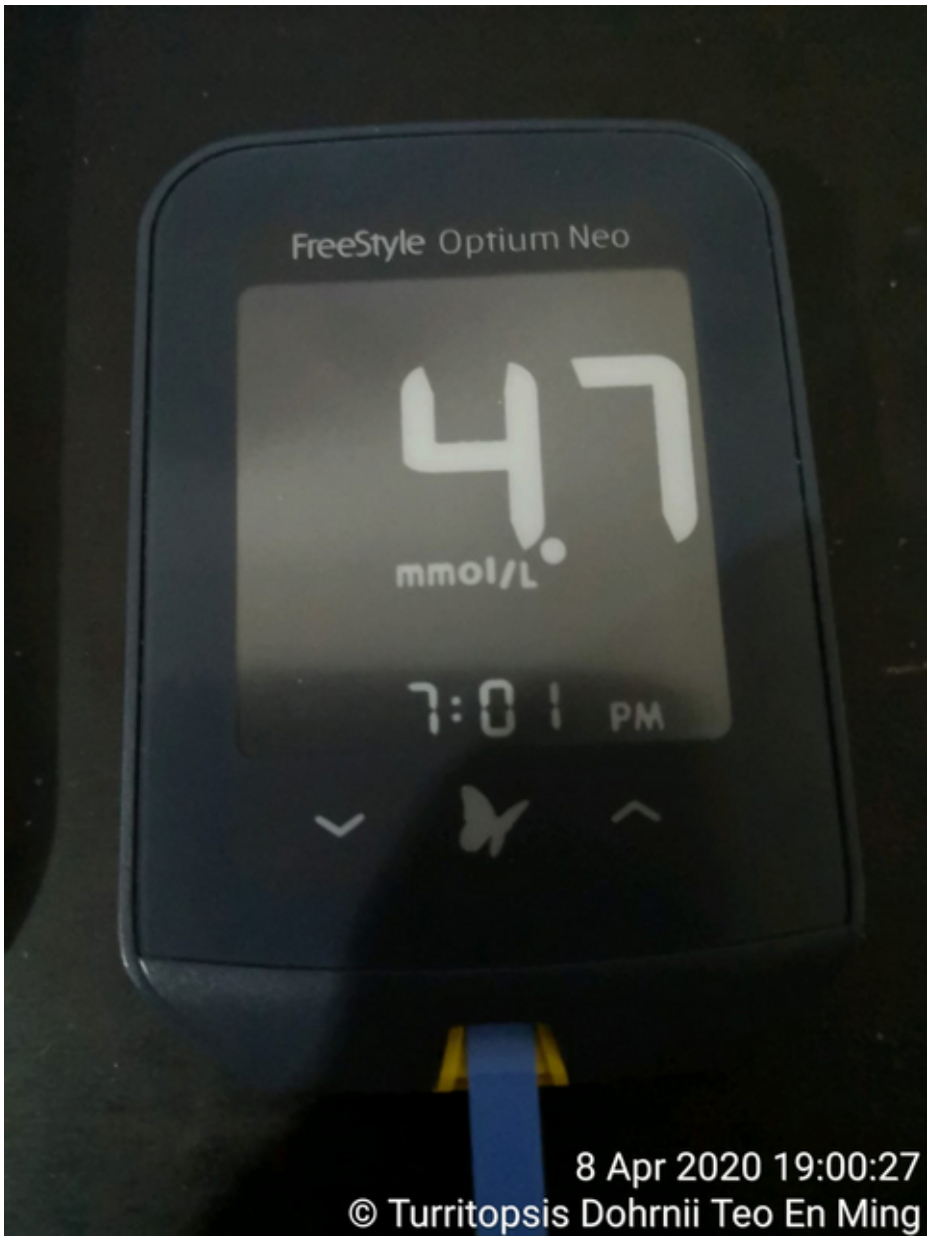

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How do I enable ALL Snort IPS rules in ALL rule categories? (2020-04-06 21:23) - Turritopsis Dohrnii Teo En Ming

Good evening from Singapore,

How do I enable ALL Snort IPS rules in ALL rule categories?

Are there Snort rules which are supposed to remain disabled by default? If you enable them all, will it cause Snort engine to fail to start?

If I enable ALL the Snort IPS rules in ALL rule categories, how much memory/RAM will I need? I only have 4 GB of RAM in my pfsense firewall appliance at the moment.

I am looking forward to your advice.

Thank you.

Mr. Turritopsis Dohrnii Teo En Ming
Singapore

REFERENCES
==========

[1] [1]https://forum.netgate.com/topic/152190/how-do-i-enable-all-snort-ips-r ules-in-all-rule-categories

1. https://forum.netgate.com/topic/152190/how-do-i-enable-all-snort-ips-rules-in-all-rule-categories

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Why do I get AES-NI CPU Crypto: Yes (inactive)? (2020-04-06 21:13) - Turritopsis Dohrnii Teo En Ming

Good evening from Singapore,

Why do I get AES-NI CPU Crypto: Yes (inactive)?

Why is it inactive? Is it supposed to be inactive? How do I make it active?

My processor is as follows:

AMD Athlon 3000G with Radeon Vega Graphics
Current: 2300 MHz, Max: 3500 MHz
4 CPUs: 1 package(s) x 2 core(s) x 2 hardware threads

Mr. Turritopsis Dohrnii Teo En Ming
Singapore

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==========

[1] [1]https://forum.netgate.com/topic/152188/why-do-i-get-aes-ni-cpu -crypto-yes-inactive

1. https://forum.netgate.com/topic/152188/why-do-i-get-aes-ni-cpu-crypto-yes-inactive

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I have sold most of my Sony A6300 camera system for SGD$1165 (2020-04-05 19:21) - Turritopsis Dohrnii Teo En Ming

[1] Sony A6300 camera body sold for $400, as posted previously

[2] Sigma 30 mm F1.4 prime lens sold for $250, as posted previously

[3] Sony SEL55210 55-210 mm telephoto zoom lens sold for $160, as posted previously

[4] 2 original Sony NP-FW50 camera batteries sold for $40, as posted previously

[5] Sony SELP1650 16-50 mm kit lens sold for $100 at Sengkang MRT station on 18 Nov 2019 Monday at 8.15 PM Singapore Time

[6] Another 2 original Sony NP-FW50 camera batteries sold for $40 at Aniplus Cafe Grand Opening Esplanade Mall on 29 Nov 2019 Friday at 6.30 PM Singapore Time

[7] Sony BC-TRW battery charger sold for $25 at Toa Payoh MRT Station on 5 Jan 2020 Sunday at 4.14 PM Singapore Time

[8] Nissin i60A flash gun for Sony A6300 sold for $150 at Toa Payoh MRT Station on 5 Apr 2020 Sunday at 4.45 PM Singapore Time

Grand Total: SGD $1165

I bought my new Panasonic FZ1000 Mark 2 camera with accessories at SGD $1118 on 3 Nov 2019 Sunday. That means I only top up SGD $47 to get my new camera after selling off my old camera of 3 years 5 months! And that also means I *did not* spend much money on getting my new camera!

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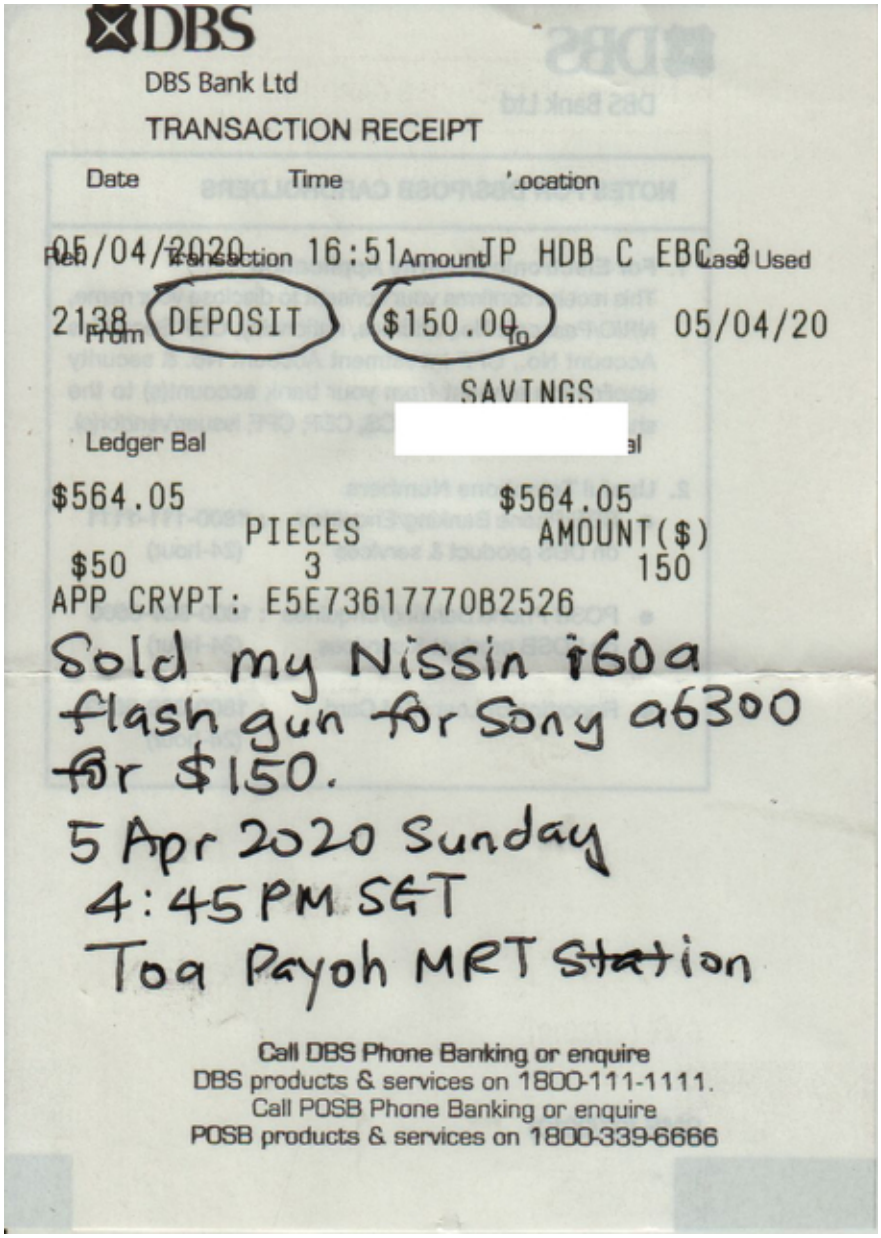
I have sold my Nissin i60A flash gun for Sony A6300 for SGD$150 (2020-04-05 19:15) - Turritopsis Dohrnii Teo En Ming


DBS

DBS Bank Ltd

TRANSACTION RECEIPT

Date Time Location

05/04/2020 16:51 TP HDB C EBC 3

Ref Transaction Amount Cash Used

2138 DEPOSIT $150.00 05/04/20

From To

SAVINGS

Ledger Bal

$564.05 $564.05

PIECES AMOUNT($)

$50 3 150

APP CRYPT: E5E7361777OB2526

Sold my Nissin i60a flash gun for Sony a6300 for $150.

5 Apr 2020 Sunday

4:45 PM SGT

Toa Payoh MRT Station

Call DBS Phone Banking or enquire
DBS products & services on 1800-111-1111.
Call POSB Phone Banking or enquire
POSB products & services on 1800-339-6666

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Teo En Ming's PDF Manual: How to Install and Configure pfSense Firewall and Snort Intrusion Prevention System (IPS) for AMD Athlon 3000G DIY Desktop PC (2020-04-05 14:00) - Turritopsis Dohrnii Teo En Ming

Subject: Teo En Ming's PDF Manual: How to Install and Configure pfSense Firewall and Snort Intrusion Prevention System (IPS) for AMD Athlon 3000G DIY Desktop PC

Teo En Ming's PDF Manual: How to Install and Configure pfSense Firewall and Snort Intrusion Prevention System (IPS) for AMD Athlon 3000G DIY Desktop PC

PUBLISHED 5 APRIL 2020 SUNDAY 1:30 PM SINGAPORE TIME
SINGAPORE

This PDF manual consists of 124 pages and is about 148 MB in filesize. It shows you how to self assemble a brand new AMD Athlon 3000G desktop PC, install and configure pfSense firewall community edition version 2.4.5 and subsequently install and configure Snort Intrusion Prevention System (IPS). I have spent SGD $276 in total doing this exercise.

Redundant Google Drive download links for Teo En Ming's PDF manual:

[1] [1]https://drive.google.com/open?id=198aqUm5FCxeNwXIvXwMf61KZhFOLhI1 _

[2] [2]https://drive.google.com/open?id=1Dkfc-ozWWAVsYptBkQJDUuwsUrczQuJd

[3] [3]https://drive.google.com/open?id=1Q3FQOx3IVXppCF-ZZazcpLC7xOj8vuYC

[4] [4]https://drive.google.com/open?id=1HnMpZPd5zc1OgZ0GeQHu9VWFrXQwZUzz

[5] [5]https://drive.google.com/open?id=1WwNIWh1cAE9ot9LIVjsL4zEJhOUSZlWD

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[1] [6]https://lists.snort.org/pipermail/snort-users/2020-April/073438.html

[2] [7]https://marc.info/?l=snort-users &m=158606548405141 &w=2

[3] [8]https://lkml.org/lkml/2020/4/5/8

[4] [9]http://lkml.iu.edu/hypermail/linux/kernel/2004.0/04528.html

[5] [10]https://marc.info/?l=linux-kernel &m=158606541805126 &w=2

[6] [11]http://lists.linuxfromscratch.org/pipermail/lfs-chat/2020-April/02911 2.html

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2. https://drive.google.com/open?id=1Dkfc-ozWWAVsYptBkQJDUuwsUrczQuJd
3. https://drive.google.com/open?id=1Q3FQOx3IVXppCF-ZZazcpLC7xOj8vuYC
4. https://drive.google.com/open?id=1HnMpZPd5zc1OgZ0GeQHu9VWFrXQwZUzz
5. https://drive.google.com/open?id=1WwNIWh1cAE9ot9LIVjsL4zEJhOUSZlWD
6. https://lists.snort.org/pipermail/snort-users/2020-April/073438.html

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7. https://marc.info/?l=snort-users&m=158606548405141&w=2
8. https://lkml.org/lkml/2020/4/5/8
9. http://lkml.iu.edu/hypermail/linux/kernel/2004.0/04528.html
10. https://marc.info/?l=linux-kernel&m=158606541805126&w=2
11. http://lists.linuxfromscratch.org/pipermail/lfs-chat/2020-April/029112.html

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[Healthy Living] I ask for MORE sea cucumber when I order chicken rice (2020-04-04 17:49) - Turritopsis Dohrnii Teo En Ming

[Healthy Living] I ask for MORE sea cucumber when I order chicken rice

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I have just bought and assembled a super cheap SGD$276 brand new AMD Athlon 3000G desktop PC to run pfsense firewall+Snort Intrusion Prevention System (IPS) (2020-04-04 17:47) - Turritopsis Dohrnii Teo En Ming

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[7] [1]https://www.reddit.com/r/PFSENSE/comments/fum5o3/i _have _just _bought _and _assembled _a _super _cheap/

1. https://www.reddit.com/r/PFSENSE/comments/fum5o3/i_have_just_bought_and_assembled_a_super_cheap/

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How to Install Angry IP Scanner on Ubuntu 18.04.3 LTS Desktop Linux (2020-04-04 17:45) - Turritopsis Dohrnii Teo En Ming

sudo apt-get install openjdk-8-jre

wget -4 https://github.com/angryip/ipscan/releases/download/3.7.0/ipscan _3.7.0 _amd64.deb

sudo dpkg -i ipscan _3.7.0 _amd64.deb

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I have just bought and assembled a super cheap SGD$276 brand new AMD Athlon 3000G desktop PC to run pfsense firewall+Snort Intrusion Prevention System (IPS) (2020-04-04 10:39) - Turritopsis Dohrnii Teo En Ming

Subject: I have just bought and assembled a super cheap SGD $276 brand new AMD Athlon 3000G desktop PC to run pfsense firewall+Snort Intrusion Prevention System (IPS)

Good morning from Singapore,

4th April 2020 Saturday morning

I have just bought and assembled a super cheap SGD $276 brand new AMD Athlon 3000G desktop PC to run pfsense firewall community edition version 2.4.5 and Snort Intrusion Prevention System (IPS).

I have bought all of the following computer parts from a computer shop at the fifth floor of Sim Lim Square in Singapore at 8:00 PM SGT on 3rd Apr 2020 Friday. After buying all of the following computer parts, I hurried home by Grab (SGD $8) and assembled it into a brand new desktop computer.

[01] AMD Athlon 3000G Processor with Radeon Vega 3 Graphics, 2 cores and 4 threads, 3.5 GHz, SGD $72 ===> SUPER CHEAP PROCESSOR!!!

[02] Asus Prime A320M-K Socket AM4 micro-ATX Motherboard rev 1.02, SGD $98 ===> SUPER CHEAP MOTHERBOARD!!!

[03] Crucial 4 GB DDR4-2666 288-Pin UDIMM memory, SGD $35

[04] Integrated Graphics Device (IGD) Radeon Vega 3 Graphics, SGD $0

[05] Toshiba 1 Terabytes (TB) 3.5 inch SATAN internal harddisk (existing part, re-use), SGD $0

WAN ZONE will be defined on the Gigabit network port on the motherboard.*

[06] tp-link Gigabit PCI Express x1 Network Adapter TG-3468 (LAN ZONE), SGD $16

[07] tp-link Gigabit PCI Express x1 Network Adapter TG-3468 (DMZ ZONE) (existing part, re-use), SGD $0

[08] Headway 929 Full ATX Casing with 500 Watts Switching Power Supply Unit (PSU), SGD $55

[09] Philips 220S4L LCD Monitor with DVI-D and VGA ports (existing part, re-use), SGD $0

[10] Novatek Microelectronics Corp. Keyboard (Labtec Ultra Flat Keyboard) (USB) (existing part, re-use), SGD $0

[11] Elecom Wireless Optical Mouse USB (existing part, re-use), SGD $0

[12] pfSense firewall Community Edition version 2.4.5 (FREE OPEN SOURCE SOFTWARE), SGD $0

[13] Snort Intrusion Prevention System (IPS) (FREE OPEN SOURCE SOFTWARE), SGD $0

Grand Total: SGD $276

ISN’T THIS BRAND NEW DESKTOP COMPUTER SUPER CHEAP? I hope I didn’t make a wrong or

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terrible choice!

The AMD Athlon 3000G processor supports Intel AES New Instructions for encryption (AES-NI).

If you are interested in learning how to DIY and assemble your own brand new desktop computer, please follow my Blogger and Wordpress blogs. Links to my redundant blogs can be found inside my email signature. I will be uploading all the 28 photos taken with my Huawei Mate 10 Android smartphone to my redundant blogs to show how I have DIYed and assembled my brand new AMD Athlon 3000G desktop computer. Stay tuned for the upcoming photos in the future!

If you are interested in learning how to install and configure pfsense firewall community edition version 2.4.5 and Snort Intrusion Prevention System (IPS), please follow my Blogger and Wordpress blogs. Links to my redundant blogs can be found inside my email signature. I will be posting detailed steps/instructions and screenshots in my redundant blogs in the future. Stay tuned for more!

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==========

[1] [1]https://lists.snort.org/pipermail/snort-users/2020-April/073437.html

[2] [2]https://marc.info/?l=snort-users &m=158596673721367 &w=2

[3] [3]https://lkml.org/lkml/2020/4/3/1158

[4] [4]http://lkml.iu.edu/hypermail/linux/kernel/2004.0/04138.html

[5] [5]https://marc.info/?l=linux-kernel &m=158596682621398 &w=2

[6] [6]http://lists.linuxfromscratch.org/pipermail/lfs-chat/2020-April/029111 .html

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2. https://marc.info/?l=snort-users&m=158596673721367&w=2
3. https://lkml.org/lkml/2020/4/3/1158
4. http://lkml.iu.edu/hypermail/linux/kernel/2004.0/04138.html
5. https://marc.info/?l=linux-kernel&m=158596682621398&w=2
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1.10 March

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Considerations for buying new mini PC/firewall appliance to run Snort Intrusion Prevention System (IPS) (2020-03-31 20:48) - Turritopsis Dohrnii Teo En Ming

```
Subject: Considerations for buying new mini PC/firewall appliance to run
Snort Intrusion Prevention System (IPS)

Good morning from Singapore,

My old desktop PC which is running Snort Intrusion Prevention System
(IPS) is failing.
These are the hardware specifications:

- Intel Pentium Dual Core E6300 processor @ 2.8 GHz
- Intel Desktop Board DQ45CB
- 6 GB DDR2-800 memory
- 1 TB 3.5 inch SATA internal harddisk

I am going to buy a new mini PC/firewall appliance to run Snort IPS.
The price range should be between SGD$200 to SGD$250.
The hardware specifications are as follows:

- Intel Celeron J1900 Quad Core processor (2M Cache, 2.0 GHz up to 2.42
GHz)
- Intel HD Graphics
- 1 x DDR3L SO-DIMM Socket (Up to 8G, 1333/1600MHz)
- 1 x VGA
- 2 x USB 2.0
- 1 x Mini-PCIe for mSATA SSD
- 4 x Intel Gigabit LAN ports
- 1 x RJ45 RS232COM port

Are the above specifications optimal for running Snort Intrusion
Prevention System?
I will be installing Snort as a package inside pfSense firewall/network
security appliance.

Should I choose 2 GB DDR3L + 32 GB SSD, or 4 GB DDR3L + 32 GB SSD, or
4 GB DDR3L + 64 GB SSD? Will I run out of disk space very quickly?

I am looking forward to hearing from you soon.

Thank you very much.
```

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[1] [1]https://lists.snort.org/pipermail/snort-users/2020-March/073402.html

1. https://lists.snort.org/pipermail/snort-users/2020-March/073402.html

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Are there any good tutorials on setting up Exim MTA/SMTP Server? (2020-03-31 20:45) - Turritopsis Dohrnii Teo En Ming

Good evening from Singapore,

I have deployed cPanel web hosting control panel before and Exim was installed and configured automatically by cPanel.

If I want to install Exim as a standalone MTA/SMTP server, are there any good tutorials which I can follow?

I am looking forward to hearing from you soon.

Thank you very much.

REFERENCES
==========

[1] [1]https://lists.exim.org/lurker/message/20200330.1301 00.32f83fc1.en.html

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Is PostgreSQL SQL Database Command Syntax Similar to MySQL/MariaDB? (2020-03-30 21:13) - Turritopsis Dohrnii Teo En Ming

Good evening from Singapore,

Is PostgreSQL SQL database command syntax similar to MySQL/MariaDB?

Because I have never used PostgreSQL before.

I am looking forward to hearing from you soon.

Thank you.

REFERENCES
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[1] [1]https://www.postgresql.org/message-id/42f1a4b88bd1bb539d6e97f4 705a07e2 %40teo-en-ming.com

1. https://www.postgresql.org/message-id/42f1a4b88bd1bb539d6e97f4705a07e2%40teo-en-ming.com

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[Wikipedia] Political abuse of psychiatry (2020-03-28 14:32) - Turritopsis Dohrnii Teo En Ming

Political abuse of psychiatry, also commonly referred to as **punitive psychiatry**, is the misuse of [1]psychiatry, including diagnosis, detention, and treatment, for the purposes of obstructing the [2]human rights of individuals and/or groups in a society.[3][1][4][2]:491 In other words, abuse of psychiatry (including that for political purposes) is the deliberate action of having citizens psychiatrically diagnosed who need neither psychiatric restraint nor psychiatric treatment.[5][3] Psychiatrists have been involved in human rights abuses in states across the world when the definitions of mental disease were expanded to include political disobedience.[6][4]:6 As scholars have long argued, governmental and medical institutions code menaces to authority as mental diseases during political disturbances.[7][5]:14 Nowadays, in many countries, political prisoners are sometimes confined and abused in [8]psychiatric hospitals.[9][6]:3[10][7]

Psychiatry possesses a built-in capacity for abuse that is greater than in other areas of [11]medicine.[12][8]:65 The diagnosis of mental disease allows the state to hold persons against their will and insist upon therapy in their interest and in the broader interests of society.[13][8]:65 Psychiatry can be used to bypass standard legal procedures for establishing guilt or innocence and allow political incarceration without the ordinary odium attaching to such political trials.[14][8]:65 The use of hospitals instead of jails also prevents the victims from receiving legal aid before the courts in some countries, makes indefinite incarceration possible, and discredits the individuals and their ideas.[15][9]:29 In that manner, whenever open trials are undesirable, they are avoided.[16][9]:29

The political abuse of the power entrusted to physicians, and particularly psychiatrists, has a long and abundant history, for example during the Nazi era and the Soviet rule when political dissenters were labeled as "mentally ill" and subjected to inhumane "treatments".[17][10] In the period from the 1960s up to 1986, abuse of psychiatry for political purposes was reported to be systematic in the [18]Soviet Union, and occasional in other [19]Eastern European countries such as [20]Romania, [21]Hungary, [22]Czechoslovakia, and [23]Yugoslavia.[24][8]:66 The practice of incarceration of political dissidents in psychiatric hospitals in Eastern Europe and the former USSR damaged the credibility of psychiatric practice in these states and entailed strong condemnation from the international community.[25][11] Political abuse of psychiatry also takes place in the [26]People's Republic of China.[27][1] Psychiatric diagnoses such as the diagnosis of "[28]sluggish schizophrenia" in political dissidents in the USSR were used for political purposes.

Link: [29]https://en.wikipedia.org/wiki/Political _abuse _of _psychiatry

1. https://en.wikipedia.org/wiki/Psychiatry
2. https://en.wikipedia.org/wiki/Human_rights
3. https://en.wikipedia.org/wiki/Political_abuse_of_psychiatry#cite_note-van_Voren_2010-1
4. https://en.wikipedia.org/wiki/Political_abuse_of_psychiatry#cite_note-Helmchen-2
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28. https://en.wikipedia.org/wiki/Sluggish_schizophrenia
29. https://en.wikipedia.org/wiki/Political_abuse_of_psychiatry

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Considerations for buying new mini PC/firewall appliance to run Snort Intrusion Prevention System (IPS) (2020-03-28 14:26) - Turritopsis Dohrnii Teo En Ming

Subject: Considerations for buying new mini PC/firewall appliance to run Snort Intrusion Prevention System (IPS)

Good morning from Singapore,

My old desktop PC which is running Snort Intrusion Prevention System (IPS) is failing.
These are the hardware specifications:

- Intel Pentium Dual Core E6300 processor @ 2.8 GHz
- Intel Desktop Board DQ45CB
- 6 GB DDR2-800 memory
- 1 TB 3.5 inch SATA internal harddisk

I am going to buy a new mini PC/firewall appliance to run Snort IPS.
The price range should be between SGD $200 to SGD $250.
The hardware specifications are as follows:

- Intel Celeron J1900 Quad Core processor (2M Cache, 2.0 GHz up to 2.42 GHz)
- Intel HD Graphics
- 1 x DDR3L SO-DIMM Socket (Up to 8G, 1333/1600MHz)
- 1 x VGA
- 2 x USB 2.0
- 1 x Mini-PCIe for mSATA SSD
- 4 x Intel Gigabit LAN ports
- 1 x RJ45 RS232COM port

Are the above specifications optimal for running Snort Intrusion Prevention System?
I will be installing Snort as a package inside pfSense firewall/network security appliance.

Should I choose 2 GB DDR3L + 32 GB SSD, or 4 GB DDR3L + 32 GB SSD, or
4 GB DDR3L + 64 GB SSD? Will I run out of disk space very quickly?

I am looking forward to hearing from you soon.

Thank you very much.

REFERENCES
==========

[1] [1]https://lists.snort.org/pipermail/snort-users/2020-March/07339 7.html

[2] [2]https://marc.info/?l=snort-users &m=158537632830822 &w=2

1. `https://lists.snort.org/pipermail/snort-users/2020-March/073397.html`
2. `https://marc.info/?l=snort-users&m=158537632830822&w=2`

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Teo En Ming's Debian 10.3 Linux Live CD/DVD is available for download (2020-03-26 23:26) - Turritopsis Dohrnii Teo En Ming

Subject: Teo En Ming's Debian 10.3 Linux Live CD/DVD is available for download

FOR IMMEDIATE RELEASE
26 MARCH 2020 THURSDAY
SINGAPORE

Teo En Ming's Debian 10.3 Linux Live CD/DVD is available for download. It is based on Debian 10.3 Linux 64-bit, features Linux kernel 4.19.0 and has an integrated GNOME GUI desktop environment with internet access.

You may download Teo En Ming's Debian 10.3 Linux Live CD/DVD at the following Google Drive download link.

URL: [1]https://drive.google.com/open?id=1vGKo4OPFj0ziUhFB5sZOL4nwCic4nDBV

This is the very first release. Expect subsequent releases in the future to be even better. Stay tuned for more!

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==========

[1] [2]https://lkml.org/lkml/2020/3/26/617

[2] [3]http://lkml.iu.edu/hypermail/linux/kernel/2003.3/0379 1.html

[3] [4]https://marc.info/?l=linux-kernel &m=158523590815349 &w=2

[4] [5]http://lists.linuxfromscratch.org/pipermail/lfs-chat/2020-Marc h/029105.html

1. https://drive.google.com/open?id=1vGKo4OPFj0ziUhFB5sZOL4nwCic4nDBV
2. https://lkml.org/lkml/2020/3/26/617
3. http://lkml.iu.edu/hypermail/linux/kernel/2003.3/03791.html
4. https://marc.info/?l=linux-kernel&m=158523590815349&w=2
5. http://lists.linuxfromscratch.org/pipermail/lfs-chat/2020-March/029105.html

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What is the BEST GUI frontend to iptables firewall? (2020-03-26 20:19) - Turritopsis Dohrnii Teo En Ming

Good evening from Singapore,

May I know what is the BEST GUI frontend to iptables firewall? It can be very involved and tedious to configure iptables firewall using the command line approach.

Are there any good rankings and reviews on the best GUI frontend to iptables firewall?

I am looking forward to hearing from you soon.

Thank you very much.

REFERENCES
==========

[1] [1]https://marc.info/?l=netfilter&m=158522298110116&w=2

1. https://marc.info/?l=netfilter&m=158522298110116&w=2

[Wikipedia] Political abuse of psychiatry (2020-03-25 19:57) - Turritopsis Dohrnii Teo En Ming

Link: [1]https://en.wikipedia.org/wiki/Political _abuse _of _psychiatry

1. https://en.wikipedia.org/wiki/Political_abuse_of_psychiatry

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[The New York Times] The Search for E.T. Goes on Hold, for Now (2020-03-25 19:55) - Turritopsis Dohrnii Teo En Ming

Link: [1]https://www.nytimes.com/2020/03/23/science/seti-at-home-aliens.h tml

1. https://www.nytimes.com/2020/03/23/science/seti-at-home-aliens.html

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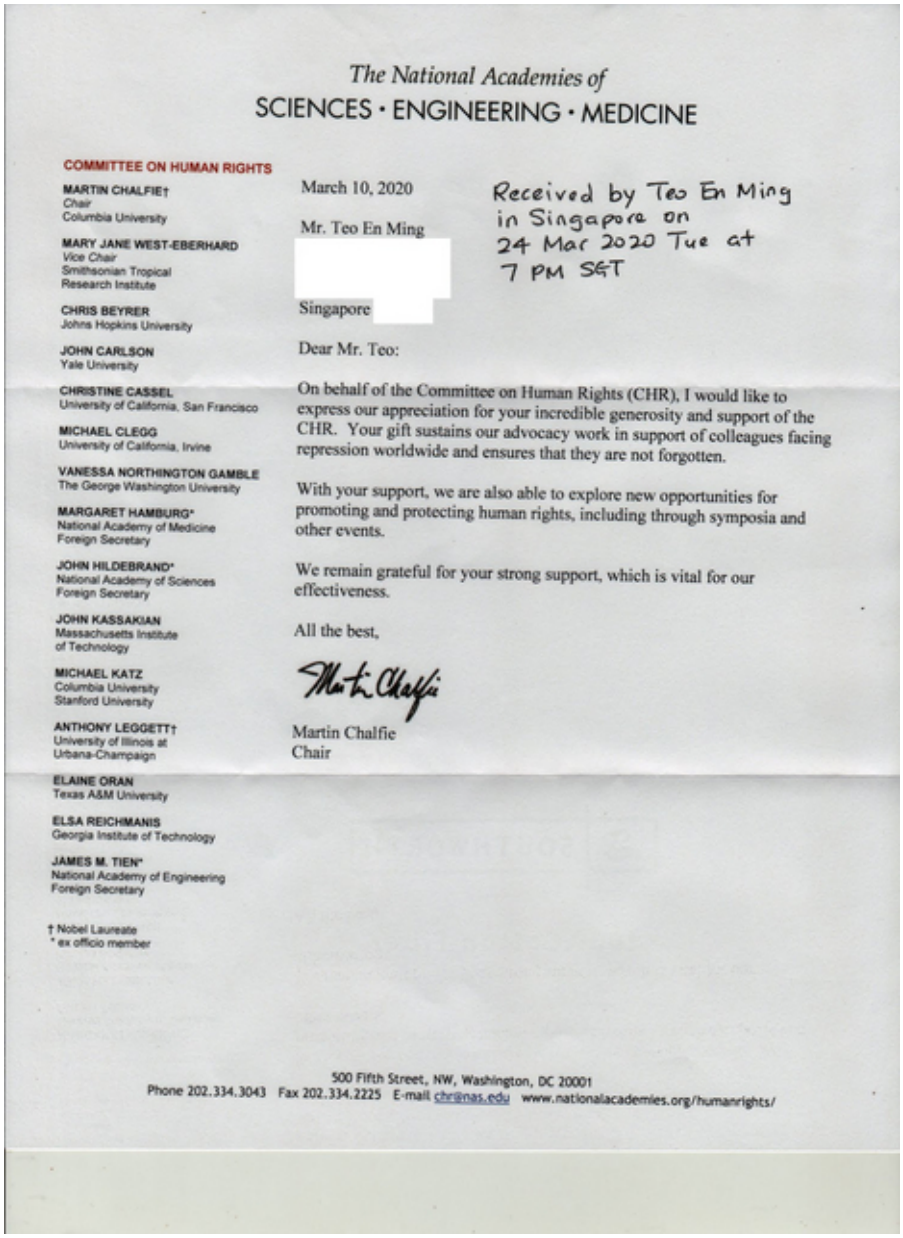
Letter from National Academy of Sciences Committee on Human Rights dated 10 March 2020

(2020-03-24 22:53) - Turritopsis Dohrnii Teo En Ming



The National Academies of
SCIENCES · ENGINEERING · MEDICINE

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March 10, 2020

Received by Teo En Ming in Singapore on 24 Mar 2020 Tue at 7 PM SGT

Mr. Teo En Ming
[redacted]
Singapore

Dear Mr. Teo:

On behalf of the Committee on Human Rights (CHR), I would like to express our appreciation for your incredible generosity and support of the CHR. Your gift sustains our advocacy work in support of colleagues facing repression worldwide and ensures that they are not forgotten.

With your support, we are also able to explore new opportunities for promoting and protecting human rights, including through symposia and other events.

We remain grateful for your strong support, which is vital for our effectiveness.

All the best,

Martin Chalfie
Chair

500 Fifth Street, NW, Washington, DC 20001
Phone 202.334.3043 Fax 202.334.2225 E-mail chr@nas.edu www.nationalacademies.org/humanrights/

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Teo En Ming's Computer Rescue CD/DVD 20200319 is available for download (2020-03-24 21:49) - Turritopsis Dohrnii Teo En Ming

Subject: Teo En Ming's Computer Rescue CD/DVD 20200319 is available for download

Teo En Ming's Computer Rescue CD/DVD 20200319 is available for download. It is based on Martin L. Purschke's work and Linux kernel 4.10.1.

I used Martin L. Purschke's template, and with a little knowledge of Linux shell scripting, I modified his template to create
Teo En Ming's Computer Rescue CD/DVD 20200319. Teo En Ming's Computer Rescue CD/DVD 20200319 aims to be similar to the project SystemRescueCd.

You can visit Martin L. Purschke's official website at the Brookhaven National Laboratory, U.S.A.

URL: [1]https://www.phenix.bnl.gov/ purschke/RescueCD/

Redundant Google Drive download links for Teo En Ming's Computer Rescue CD/DVD 20200319:

[1] [2]https://drive.google.com/open?id=1DnVKmo0VeUHUnJ9ehC2KK0YjLVbw7e5d

[2] [3]https://drive.google.com/open?id=1mQ9jK9sbS5lTv1DNLOTwMW9JKLV8QUHF

[3] [4]https://drive.google.com/open?id=1 _RgcT8JhtRDq90dicjMI4KsT18C22YGL

[4] [5]https://drive.google.com/open?id=1opK-CxGK2BJXSBDHBW3XjKxmERBNITte

[5] [6]https://drive.google.com/open?id=1g3rOEVvSgy-tyvEiIO _tktD718SabsxN

My next project:

Teo En Ming's Debian 10.3.0 Live CD/DVD/USB.

Stay tuned!

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==========

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[2] [8]http://lkml.iu.edu/hypermail/linux/kernel/2003.3/009 52.html

[3] [9]https://marc.info/?l=linux-kernel &m=158505689315992 &w=2

[4] [10]http://lists.linuxfromscratch.org/pipermail/lfs-chat/2020-Mar ch/029104.html

1. https://www.phenix.bnl.gov/~purschke/RescueCD/
2. https://drive.google.com/open?id=1DnVKmo0VeUHUnJ9ehC2KK0YjLVbw7e5d
3. https://drive.google.com/open?id=1mQ9jK9sbS5lTv1DNLOTwMW9JKLV8QUHF
4. https://drive.google.com/open?id=1_RgcT8JhtRDq90dicjMI4KsT18C22YGL
5. https://drive.google.com/open?id=1opK-CxGK2BJXSBDHBW3XjKxmERBNITte

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6. https://drive.google.com/open?id=1g3rOEVvSgy-tyvEiIO_tktD718SabsxN
7. https://lkml.org/lkml/2020/3/24/953
8. http://lkml.iu.edu/hypermail/linux/kernel/2003.3/00952.html
9. https://marc.info/?l=linux-kernel&m=158505689315992&w=2
10. http://lists.linuxfromscratch.org/pipermail/lfs-chat/2020-March/029104.html

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Asus RT-AC1200G+ Wireless Router and All Commercial Wireless Routers in the World Are Based on Linux (2020-03-24 21:05) - Turritopsis Dohrnii Teo En Ming

```
Subject: Asus RT-AC1200G+ Wireless Router and All Commercial Wireless
Routers in the World Are Based on Linux

System Log - General Log of my Asus RT-AC1200G+ wireless router:



Mar 24 20:21:09 rc_service: httpd 390:notify_rc reboot
Mar 24 20:21:10 kernel: Attempt to kill tasklet from interrupt
Mar 24 20:21:11 iTunes: daemon is stoped
Mar 24 20:21:11 FTP Server: daemon is stoped
Mar 24 20:21:12 Samba Server: smb daemon is stoped
Mar 24 20:21:12 kernel: gro disabled
Aug  1 08:00:10 syslogd started: BusyBox v1.17.4
Aug  1 08:00:10 kernel: klogd started: BusyBox v1.17.4 (2016-07-15 14:35:33
CST)
Aug  1 08:00:10 kernel: Linux version 2.6.36.4brcmarm (root@asus) (gcc version
4.5.3 (Buildroot 2012.02) ) #1 PREEMPT Fri Jul 15 14:44:31 CST 2016
Aug  1 08:00:10 kernel: CPU: ARMv7 Processor [410fc075] revision 5 (ARMv7),
cr=10c53c7f
Aug  1 08:00:10 kernel: CPU: VIPT nonaliasing data cache, VIPT nonaliasing
instruction cache
Aug  1 08:00:10 kernel: Machine: Northstar Prototype
Aug  1 08:00:10 kernel: Ignoring unrecognised tag 0x00000000
Aug  1 08:00:10 kernel: Memory policy: ECC disabled, Data cache writealloc
Aug  1 08:00:10 kernel: Built 1 zonelists in Zone order, mobility grouping on.
Total pages: 32512
Aug  1 08:00:10 kernel: Kernel command line: root=/dev/mtdblock2
console=ttyS0,115200 init=/sbin/preinit earlyprintk debug
Aug  1 08:00:10 kernel: Memory: 125488k/125488k available, 5584k reserved, 0K
highmem
Aug  1 08:00:10 kernel: Virtual kernel memory layout:
Aug  1 08:00:10 kernel:     vector  : 0xffff0000 - 0xffff1000   (   4 kB)
Aug  1 08:00:10 kernel:     fixmap  : 0xfff00000 - 0xfffe0000   ( 896 kB)
Aug  1 08:00:10 kernel:     DMA     : 0xf7e00000 - 0xffe00000   ( 128 MB)
Aug  1 08:00:10 kernel:     vmalloc : 0x88800000 - 0xf0000000   (1656 MB)
Aug  1 08:00:10 kernel:     lowmem  : 0x80000000 - 0x88000000   ( 128 MB)
Aug  1 08:00:10 kernel:     modules : 0x7f000000 - 0x80000000   (  16 MB)
Aug  1 08:00:10 kernel:       .init : 0x80008000 - 0x80038000   ( 192 kB)
Aug  1 08:00:10 kernel:       .text : 0x80038000 - 0x803e3000   (3756 kB)
Aug  1 08:00:10 kernel:       .data : 0x803fc000 - 0x8041ef40   ( 140 kB)
Aug  1 08:00:10 kernel: Mount-cache hash table entries: 512
Aug  1 08:00:10 kernel: Found ST compatible serial flash with 256 64KB blocks;
total size 16MB
Aug  1 08:00:10 kernel: ACP (Accelerator Coherence Port) enabled
Aug  1 08:00:10 kernel: bio: create slab <bio-0> at 0
Aug  1 08:00:10 kernel: PCI: no core
Aug  1 08:00:10 kernel: PCI: no core
Aug  1 08:00:10 kernel: PCI: Fixing up bus 0
Aug  1 08:00:10 kernel: PCI: Fixing up bus 1
```

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```
Aug  1 08:00:10 kernel: PCI: scanning bus 0 !!!
Aug  1 08:00:11 kernel: PCI: Fixing up bus 0
Aug  1 08:00:11 kernel: VFS: Disk quotas dquot_6.5.2
Aug  1 08:00:11 kernel: Dquot-cache hash table entries: 1024 (order 0, 4096
bytes)
Aug  1 08:00:11 kernel: pflash: found no supported devices
Aug  1 08:00:11 kernel: bcmsflash: squash filesystem found at block 30
Aug  1 08:00:11 kernel: Creating 5 MTD partitions on "bcmsflash":
Aug  1 08:00:11 kernel: 0x000000000000-0x000000040000 : "boot"
Aug  1 08:00:11 kernel: 0x000000040000-0x000000ff0000 : "linux"
Aug  1 08:00:11 kernel: 0x0000001ef1ec-0x000000d30000 : "rootfs"
Aug  1 08:00:11 kernel: 0x000000d30000-0x000000ff0000 : "jffs2"
Aug  1 08:00:11 kernel: 0x000000ff0000-0x000001000000 : "nvram"
Aug  1 08:00:11 kernel: === PPTP init ===
Aug  1 08:00:11 kernel: Registering the dns_resolver key type
Aug  1 08:00:11 kernel: VFS: Mounted root (squashfs filesystem) readonly on
device 31:2.
Aug  1 08:00:11 kernel: ctf: module license 'Proprietary' taints kernel.
Aug  1 08:00:11 kernel: Disabling lock debugging due to kernel taint
Aug  1 08:00:11 kernel: et_module_init: passivemode set to 0x0
Aug  1 08:00:11 kernel: et_module_init: txworkq set to 0x1
Aug  1 08:00:11 kernel: et_module_init: et_txq_thresh set to 0xce4
Aug  1 08:00:11 kernel: et_module_init: et_rxlazy_timeout set to 0x3e8
Aug  1 08:00:11 kernel: et_module_init: et_rxlazy_framecnt set to 0x20
Aug  1 08:00:11 kernel: bcm_robo_enable_switch: EEE is disabled
Aug  1 08:00:11 kernel: eth0: Broadcom BCM47XX 10/100/1000 Mbps Ethernet
Controller 9.10.178.27 (r584393)
Aug  1 08:00:11 kernel: wl_module_init: passivemode set to 0x0
Aug  1 08:00:11 kernel: wl_module_init: txworkq set to 0x1
Aug  1 08:00:11 kernel: PCI: Enabling device 0001:01:00.0 (0140 -> 0142)
Aug  1 08:00:11 kernel: eth1: Broadcom BCM43227 802.11 Wireless Controller
9.10.178.27 (r584393)
Aug  1 08:00:11 kernel: External imprecise Data abort at addr=0x2ae2f004,
fsr=0x1c06, pc=0x2ab647a8 lr=0x2acf716c ignored.
Aug  1 08:00:11 kernel: eth2: Broadcom BCM43c8 802.11 Wireless Controller
9.10.178.27 (r584393)
Aug  1 08:00:12 stop_nat_rules: apply the redirect_rules!
Aug  1 08:00:12 WAN Connection: ISP's DHCP did not function properly.
Aug  1 08:00:17 RT-AC1200G+: start httpd
Aug  1 08:00:18 syslog: Generating SSL certificate...
Aug  1 08:00:18 jffs2: valid logs(1)
Aug  1 08:00:18 disk monitor: be idle
Aug  1 08:00:18 hour monitor: daemon is starting
Aug  1 08:00:18 hour monitor: daemon terminates
Aug  1 08:00:19 miniupnpd[427]: version 1.9 started
Aug  1 08:00:19 miniupnpd[427]: HTTP listening on port 55652
Aug  1 08:00:19 miniupnpd[427]: Listening for NAT-PMP/PCP traffic on port 5351
Aug  1 08:00:19 syslog: module ledtrig-usbdev not found in modules.dep
Aug  1 08:00:19 rc_service: udhcpc 434:notify_rc start_firewall
Aug  1 08:00:19 syslog: module leds-usb not found in modules.dep
Aug  1 08:00:20 wan: finish adding multi routes
Aug  1 08:00:20 rc_service: udhcpc 434:notify_rc stop_upnp
Aug  1 08:00:20 rc_service: waitting "start_firewall" via udhcpc ...
```


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```
Aug  1 08:00:20 kernel: SCSI subsystem initialized
Aug  1 08:00:22 WAN Connection: WAN was restored.
Aug  1 08:00:24 start_nat_rules: apply the nat_rules(/tmp/nat_rules_eth0_eth0)!
Aug  1 08:00:26 kernel: nf_conntrack_rtsp v0.6.21 loading
Aug  1 08:00:26 kernel: nf_nat_rtsp v0.6.21 loading
Aug  1 08:00:27 rc_service: udhcpc 434:notify_rc start_upnp
Aug  1 08:00:27 rc_service: waitting "stop_upnp" via udhcpc ...
Aug  1 08:00:27 miniupnpd[427]: shutting down MiniUPnPd
Aug  1 08:00:28 dhcp client: bound xxx.xxx.xxx.xxx via xxx.xxx.xxx.xxx during
3600 seconds.
Aug  1 08:00:29 miniupnpd[594]: version 1.9 started
Aug  1 08:00:29 miniupnpd[594]: HTTP listening on port 36463
Aug  1 08:00:29 miniupnpd[594]: Listening for NAT-PMP/PCP traffic on port 5351
Aug  1 08:00:31 ntp: start NTP update
Mar 24 20:22:54 rc_service: ntp 592:notify_rc restart_upnp
Mar 24 20:22:54 miniupnpd[594]: shutting down MiniUPnPd
Mar 24 20:22:54 miniupnpd[608]: version 1.9 started
Mar 24 20:22:54 miniupnpd[608]: HTTP listening on port 54320
Mar 24 20:22:54 miniupnpd[608]: Listening for NAT-PMP/PCP traffic on port 5351
Mar 24 20:22:55 rc_service: ntp 592:notify_rc restart_diskmon
Mar 24 20:22:55 disk_monitor: Finish
Mar 24 20:22:56 disk monitor: be idle
```

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==========

[1] [1]https://lkml.org/lkml/2020/3/24/594

[2] [2]http://lkml.iu.edu/hypermail/linux/kernel/2003.3/00593.html

[3] [3]https://marc.info/?l=linux-kernel&m=158505402414529&w=2

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[4]
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1. https://lkml.org/lkml/2020/3/24/594
2. http://lkml.iu.edu/hypermail/linux/kernel/2003.3/00593.html
3. https://marc.info/?l=linux-kernel&m=158505402414529&w=2
4. http://lists.linuxfromscratch.org/pipermail/lfs-chat/2020-March/029103.html

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Linux Shell Script to Start Windows 10 Virtual Machine with GPU Passthrough (QEMU/KVM) (23 Mar 2020) (2020-03-23 08:01) - Turritopsis Dohrnii Teo En Ming

```
#!/bin/bash

# Mr. Turritopsis Dohrnii Teo En Ming
# Singapore
# 22 Mar 2020 Sunday

# Haven’t configure bridged networking yet. TO-DO in future.

vmname="windows10vm"

if ps -ef | grep qemu-system-x86 _64 | grep -q multifunction=on; then
echo "A passthrough VM is already running." &
exit 1

else

# use pulseaudio
export QEMU _AUDIO _DRV=pa
export QEMU _PA _SAMPLES=8192
export QEMU _AUDIO _TIMER _PERIOD=99
export QEMU _PA _SERVER=/run/user/1000/pulse/native

cp /usr/share/OVMF/OVMF _VARS.fd /tmp/my _vars.fd

# /data is Toshiba 1 TB 3.5 inch internal SATA harddisk

qemu-system-x86 _64 \
-name $vmname,process= $vmname \
-machine type=pc,accel=kvm \
-cpu host,kvm=off \
-smp 3,sockets=1,cores=3,threads=1 \
-m 16G \
-balloon none \
-rtc clock=host,base=localtime \
-serial none \
-parallel none \
-soundhw hda \
-usb \
-device usb-host,vendorid=0x0603,productid=0x00f2 \
-device usb-host,vendorid=0x056e,productid=0x0134 \
-device vfio-pci,host=01:00.0,multifunction=on \
-device vfio-pci,host=01:00.1 \
-drive if=pflash,format=raw,readonly,file=/usr/share/OVMF/OVMF _CODE.fd \
-drive if=pflash,format=raw,file=/tmp/my _vars.fd \
-boot order=dc \
-drive id=disk0,if=virtio,cache=none,format=raw,file=/data/win10.img \
-drive id=disk1,if=virtio,cache=none,format=raw,file=/data/toshiba.img \
-drive file=/data/win10-1709.iso,index=1,media=cdrom \
-drive file=/home/teo-en-ming/Downloads/virtio-win-0.1.173.iso,index=2,media=cdrom \
-vga none \
```

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```
-nographic
#-netdev type=tap,id=net0,ifname=vmtap0,vhost=on \
#-device virtio-net-pci,netdev=net0,mac=00:16:3e:00:01:01

exit 0
fi
```


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Linux Live Kit *also* failed to produce a working Live CD/DVD image for Teo En Ming Linux

(2020-03-22 15:10) - Turritopsis Dohrnii Teo En Ming

Subject: Linux Live Kit *also* failed to produce a working Live CD/DVD image for Teo En Ming Linux

Dear Tomas Matejicek,

On 12 Mar 2020, I have successfully created my own custom Linux distribution by following the Linux From Scratch 20200302-systemd book. It is installed on my

Toshiba 1 TB 3.5 inch SATA internal harddisk /dev/sdb2. I named my own custom Linux distribution "Teo En Ming Linux".

After the initial success, I proceeded to create a Live CD/DVD image by following Jimmy Anderson's guide at the LFS hints mailing list. I think that the init script for

the initial ramdisk (initramfs) was very outdated and could not produce a working Live CD/DVD image. It resulted in a kernel panic. Linux kernel boot messages show

trampoline _32bit and booted via startup _32(). I am guessing that the 64-bit Linux kernel on my Live CD/DVD booted up in 32-bit mode, and when it tried to execute 64-bit

/sbin/init (which is a symlink to systemd binary), it resulted in a kernel panic. The exact error is: "kernel panic - not syncing: Attempted to kill init!

exit code=0x00000200".

You can get more details at

Blog post: "Teo En Ming's Linux From Scratch (LFS) 20200302-systemd Bootable Live CD/DVD Kernel Panic"

URL: https://tdtemcerts.blogspot.com/2020/03/teo-en-mings-linux-from-scratch-lfs.h tml

With the failure to produce a working Live CD/DVD from my LFS 20200302-systemd build using Jimmy Anderson's guide, I began searching for other alternatives to create a Live

CD/DVD image. That is when I chanced upon your Linux Live Kit project. I downloaded Tomas-M-linux-live-v2.3-45-g56dc040.tar.gz and created a Live CD/DVD image of my custom Linux distribution. However, the generated Live CD/DVD image also ended up with a kernel panic. This time the kernel panic is different. The exact error is: "Kernel panic - not syncing: VFS: Unable to mount root fs on unknown-block(0,0)"

You can view a screenshot of the kernel panic at the following URL

https://tdtemcerts.blogspot.com/2020/03/kernel-panic-not-syncing-vfs-unable-t o.html

Is the kernel panic happening because I used GRUB2 and systemd (and not System V) on Teo En Ming Linux? How can I modify the init script for initramfs to avoid kernel panics and produce a working Live CD/DVD image? Is there a good tutorial on this?

Please advise.

Thank you very much.

REFERENCES
==========

[1] [1]https://groups.google.com/forum/m/ #!topic/slax-users/ThZ26UJN _qU

1. `https://groups.google.com/forum/m/#!topic/slax-users/ThZ26UJN_qU`

How to Mount Squashfs in Linux (2020-03-22 15:07) - Turritopsis Dohrnii Teo En Ming

sudo mount -t squashfs /PATH/TO/FILE.SQUASHFS /mnt

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Linux Shell Script to Start Windows 10 Virtual Machine with GPU Passthrough (QEMU/KVM) (22 Mar 2020) (2020-03-22 15:04) - Turritopsis Dohrnii Teo En Ming

```
#!/bin/bash

# Mr. Turritopsis Dohrnii Teo En Ming
# Singapore
# 21 Mar 2020 Saturday

# Haven’t configure bridged networking yet. TO-DO in future.

vmname="windows10vm"

if ps -ef | grep qemu-system-x86 _64 | grep -q multifunction=on; then
echo "A passthrough VM is already running." &
exit 1

else

# use pulseaudio
export QEMU _AUDIO _DRV=pa
export QEMU _PA _SAMPLES=8192
export QEMU _AUDIO _TIMER _PERIOD=99
export QEMU _PA _SERVER=/run/user/1000/pulse/native

cp /usr/share/OVMF/OVMF _VARS.fd /tmp/my _vars.fd

# /data is Toshiba 1 TB 3.5 inch internal SATA harddisk

qemu-system-x86 _64 \
-name $vmname,process= $vmname \
-machine type=pc,accel=kvm \
-cpu host,kvm=off \
-smp 3,sockets=1,cores=3,threads=1 \
-m 16G \
-balloon none \
-rtc clock=host,base=localtime \
-serial none \
-parallel none \
-soundhw hda \
-usb \
-device usb-host,vendorid=0x0603,productid=0x00f2 \
-device usb-host,vendorid=0x056e,productid=0x0134 \
-device vfio-pci,host=01:00.0,multifunction=on \
-device vfio-pci,host=01:00.1 \
-drive if=pflash,format=raw,readonly,file=/usr/share/OVMF/OVMF _CODE.fd \
-drive if=pflash,format=raw,file=/tmp/my _vars.fd \
-boot order=dc \
-drive id=disk0,if=virtio,cache=none,format=raw,file=/home/teo-en-ming/win10.img \
-drive id=disk1,if=virtio,cache=none,format=raw,file=/data/toshiba.img \
-drive file=/home/teo-en-ming/win10-1709.iso,index=1,media=cdrom \
-drive file=/home/teo-en-ming/Downloads/virtio-win-0.1.173.iso,index=2,media=cdrom \
-vga none \
```

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```
-nographic
#-netdev type=tap,id=net0,ifname=vmtap0,vhost=on \
#-device virtio-net-pci,netdev=net0,mac=00:16:3e:00:01:01

exit 0
fi
```


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[YOUTUBE 4K] Chompu Sailormoon Shoot at Emerald Hill on 21 Mar 2020 Sat (2020-03-22 15:01) - Turritopsis Dohrnii Teo En Ming

Link: [1]https://www.youtube.com/watch?v=J8ZnJ232Av4

1. `https://www.youtube.com/watch?v=J8ZnJ232Av4`

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4K video rendering speed in Windows 10 virtual machine with GPU passthrough (QEMU/KVM)

(2020-03-22 15:00) - Turritopsis Dohrnii Teo En Ming

4K video rendering speed in Windows 10 virtual machine with GPU passthrough (QEMU/KVM)

Processor: AMD Ryzen 3 3200G with Radeon Vega Graphics

Virtual CPUs: 3

Motherboard: Gigabyte B450M DS3H BIOS version F41

RAM: 16 GB

GPU Passthrough: MSI GeForce GTX1650 4 GB GDDR5

Results:

The time taken to render a 44 min 4K video is 1 hr 28 min (4K video rendering speed). This pertains to the Chompu Sailormoon Shoot at Emerald Hill on 21 Mar 2020 Sat
4K video.

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Does Linux Kernel 5.5.10 Support IEEE 802.11ax (Wi-Fi 6), IEEE 802.11ay, and WPA3?

(2020-03-21 13:24) - Turritopsis Dohrnii Teo En Ming

Good afternoon from Singapore,

Does Linux Kernel 5.5.10 Support IEEE 802.11ax (Wi-Fi 6), IEEE 802.11ay, and WPA3?

Thank you.

REFERENCES
==========

[1]
[1]https://lore.kernel.org/linux-wireless/00f2260cf64d6aec2295f40eec059a7a@teo-en-ming.com/T/#u

[2] [2]https://marc.info/?l=linux-wireless&m=158476783624419&w=2

1. https://lore.kernel.org/linux-wireless/00f2260cf64d6aec2295f40eec059a7a@teo-en-ming.com/T/#u
2. https://marc.info/?l=linux-wireless&m=158476783624419&w=2

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Kernel panic - not syncing: VFS: Unable to mount root fs on unknown-block(0,0) (2020-03-20 21:19) - Turritopsis Dohrnii Teo En Ming

```
Please append a correct "root=" boot option; here are the available partitions:
0800        20971520 sda
 driver: sd
0b00         1048575 sr0
 driver: sr
Kernel panic - not syncing: VFS: Unable to mount root fs on unknown-block(0,0)
CPU: 0 PID: 1 Comm: swapper/0 Not tainted 5.5.7-turritopsis.dohrnii.teo.en.ming
#1
Hardware name: QEMU Standard PC (i440FX + PIIX, 1996), BIOS 1.10.2-1ubuntu1 04/0
1/2014
Call Trace:
 dump_stack+0x57/0x7a
 panic+0xf6/0x2b7
 mount_block_root+0x194/0x229
 mount_root+0x110/0x12f
 prepare_namespace+0x13a/0x16b
 kernel_init_freeable+0x1a9/0x1b9
 ? rest_init+0xa0/0xa0
 kernel_init+0x9/0x100
 ret_from_fork+0x22/0x40
Kernel Offset: 0x6600000 from 0xffffffff81000000 (relocation range: 0xffffffff80
000000-0xffffffffbfffffff)
---[ end Kernel panic - not syncing: VFS: Unable to mount root fs on unknown-blo
ck(0,0) ]---
```


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[Wikipedia] Political Abuse of Psychiatry (2020-03-20 20:52) - Turritopsis Dohrnii Teo En Ming

Link: [1]https://en.wikipedia.org/wiki/Political _abuse _of _psychiatry

1. https://en.wikipedia.org/wiki/Political_abuse_of_psychiatry

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Linux Live Scripts (2020-03-20 20:49) - Turritopsis Dohrnii Teo En Ming

Link: [1]https://sourceforge.net/projects/lxlivescripts/

1. `https://sourceforge.net/projects/lxlivescripts/`

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Linux Live Kit (2020-03-19 20:36) - Turritopsis Dohrnii Teo En Ming

Link: [1]https://www.linux-live.org/

1. `https://www.linux-live.org/`

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Live Linux CDs: Building and Customizing Bootables (2020-03-19 20:34) - Turritopsis Dohrnii Teo En Ming

Link: [1]https://books.google.com.sg/books/about/Live _Linux _CDs.html?id=2S3eUgb39C8C &redir _esc=y

1. https://books.google.com.sg/books/about/Live_Linux_CDs.html?id=2S3eUgb39C8C&redir_esc=y

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Wikipedia article on world famous brilliant American mathematician and Nobel Prize Laureate John Forbes Nash Jr **(2020-03-19 20:32) - Turritopsis Dohrnii Teo En Ming**

Link: [1]https://en.wikipedia.org/wiki/John _Forbes _Nash _Jr.

1. `https://en.wikipedia.org/wiki/John_Forbes_Nash_Jr.`

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Teo En Ming is more intelligent than world famous brilliant American mathematician and Nobel Prize Laureate John Forbes Nash Jr **(2020-03-19 20:31) - Turritopsis Dohrnii Teo En Ming**

Teo En Ming is more intelligent than world famous brilliant American mathematician and Nobel Prize Laureate John Forbes Nash Jr

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Wikipedia article on world famous former NSA computer expert Edward Joseph Snowden

(2020-03-19 20:28) - Turritopsis Dohrnii Teo En Ming

Link: [1]https://en.wikipedia.org/wiki/Edward _Snowden

1. https://en.wikipedia.org/wiki/Edward_Snowden

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Teo En Ming is more intelligent than world famous former NSA computer expert Edward Joseph Snowden (2020-03-19 00:55) - Turritopsis Dohrnii Teo En Ming

Teo En Ming is more intelligent than world famous former NSA computer expert Edward Joseph Snowden

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Download Teo En Ming's Computer Rescue CD/DVD 20200319 (2020-03-19 00:53) - Turritopsis Dohrnii Teo En Ming

Download Teo En Ming's Computer Rescue CD/DVD 20200319

Download link: [1]https://drive.google.com/open?id=1DnVKmo0VeUHUnJ9ehC2KK0YjLVbw7e 5d

1. `https://drive.google.com/open?id=1DnVKmo0VeUHUnJ9ehC2KK0YjLVbw7e5d`

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Cisco Live Virtual Event APJC (2020-03-18 20:10) - Turritopsis Dohrnii Teo En Ming

Link: [1]https://www.cisco.com/c/m/en _sg/ciscolive/index.html

1. `https://www.cisco.com/c/m/en_sg/ciscolive/index.html`

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Teo En Ming's Experimental Web Hosting "Company" (2020-03-18 20:09) - Turritopsis Dohrnii Teo En Ming

BROADCAST MESSAGE TO ALL THE 9 BILLION PEOPLE ON PLANET EARTH AND ALL ALIENS IN THE UNIVERSE

Hi,

This is your colleague Turritopsis Dohrnii Teo En Ming from the Deskside Information Technology team.

I have recently setup a Proof-of-Concept Experimental/Testing web hosting "company".

I am using CentOS Web Panel (CWP) web hosting control panel, which provides domain hosting, web hosting and email hosting.

My web hosting control panel admin interface:

[1]https://www.teo-en-ming.com:2031/login/index.php

My web hosting control panel user interface:

[2]https://www.teo-en-ming.com:2083/

My Roundcube Webmail interface:

[3]https://www.teo-en-ming.com:2031/roundcube/

I can provide free domain hosting, free web hosting, and free email hosting to a few people for testing purposes, if you are interested. But of course service is not guaranteed as this is only a proof-of-concept experimental/testing web hosting "company". I am hoping you can help me to test out my web hosting control panel portal.

Do you think I can make it big like China's Taobao/Alibaba Jack Ma and earn TRILLIONS of dollars like him?????

I am planning to setup an e-commerce online store using open source software.

Thank you.

1. `https://www.teo-en-ming.com:2031/login/index.php`
2. `https://www.teo-en-ming.com:2083/`
3. `https://www.teo-en-ming.com:2031/roundcube/`

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Teo En Ming's Linux From Scratch (LFS) 20200302-systemd Bootable Live CD/DVD Kernel Panic

(2020-03-18 00:38) - Turritopsis Dohrnii Teo En Ming

Subject: Teo En Ming's Linux From Scratch (LFS) 20200302-systemd Bootable Live CD/DVD Kernel Panic

Good day from Singapore to all Linux users,

Recently, on 12 March 2020, I have successfully created my own custom Linux distribution which I affectionately call it Teo En Ming Linux.
My custom Linux distribution is based on the most basic Linux From Scratch (LFS) 20200302-systemd book and Linux kernel 5.5.7. I am able to boot it successfully on
my Toshiba 1 TB 3.5 inch SATA internal harddisk /dev/sdb2.

After the initial success, I wanted to make a bootable Live CD/DVD of my Linux From Scratch system. I followed Jimmy Anderson's guide (which was written more
than 7 years ago on 20 Jan 2013) and modified his guide in trying to make it work with LFS 20200302-systemd book.

You may refer to the following guides on how I created a bootable Live CD/DVD of my Linux From Scratch system.

Blog post #1: "How to create a Bootable Live CD/DVD from your Linux From Scratch (LFS) build"

Link: https://tdtemcerts.blogspot.com/2020/03/how-to-create-bootable-live-cddvd-fro m.html

Blog post #2: "Patching Linux Kernel 5.5.7 to Add Support for AUFS Filesystem"

Link: https://tdtemcerts.blogspot.com/2020/03/patching-linux-kernel-557-to-add.html

When I booted up my bootable Live CD/DVD, I got a kernel panic.

Looking at the following screenshot, it seems that my 64-bit Live CD booted in 32-bit mode.

Screenshot: https://1.bp.blogspot.com/-P _EcnlhuDIQ/XnDso3sjNZI/AAAAAAAAAqw/qa5EZo-HQQa8WxJxnqp43b9quHGIclXSJwCNcBGAsY HQ/s1600/booted %2Bvia %2Bstartup %2B32.png

Notice the "trampoline _32bit" and "booted via startup _32()" lines on the above screenshot.

The following screenshot illustrates the kernel panic.

Screenshot: https://1.bp.blogspot.com/-uSNEk19fG7s/XnDtZf-80 _I/AAAAAAAAAq4/Q-GAHKnWe _ISv-moqW6iFjncdZEkgwD90wCNcBGAsYHQ/s1600/ kernel %2Bpanic.png

My guess is that my 64-bit Live CD booted up in 32-bit mode, and when it tried to execute /sbin/init (symlink to systemd binary) after mounting the squashfs root file system, which is 64-bit, it resulted in a kernel panic. What I am trying to say is that the 64-bit Linux kernel on the Live CD boots up in 32-bit mode (my guess), and then tried to execute purely 64-bit binaries, which results in a kernel panic.

Please advise me on how I can resolve this issue and produce a working Live CD of my LFS system without kernel panic.

Thank you very much.

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REFERENCES
==========

[1] [1]http://lists.linuxfromscratch.org/pipermail/blfs-support/2020- March/081886.html

[2] [2]https://lists.archlinux.org/pipermail/arch-general/2020-March/ 047569.html

[3] [3]https://www.linuxquestions.org/questions/showthread.php?p=61 01573

[4] [4]https://lists.fedoraproject.org/archives/list/users@lists.fedo raproject.org/thread/MHATAZSSACO4QQD526DKJO3
7/

1. http://lists.linuxfromscratch.org/pipermail/blfs-support/2020-March/081886.html
2. https://lists.archlinux.org/pipermail/arch-general/2020-March/047569.html
3. https://www.linuxquestions.org/questions/showthread.php?p=6101573
4. https://lists.fedoraproject.org/archives/list/users@lists.fedoraproject.org/thread/MHATAZSSACO4QQD526D
KJO3ZZV7T7TO7/

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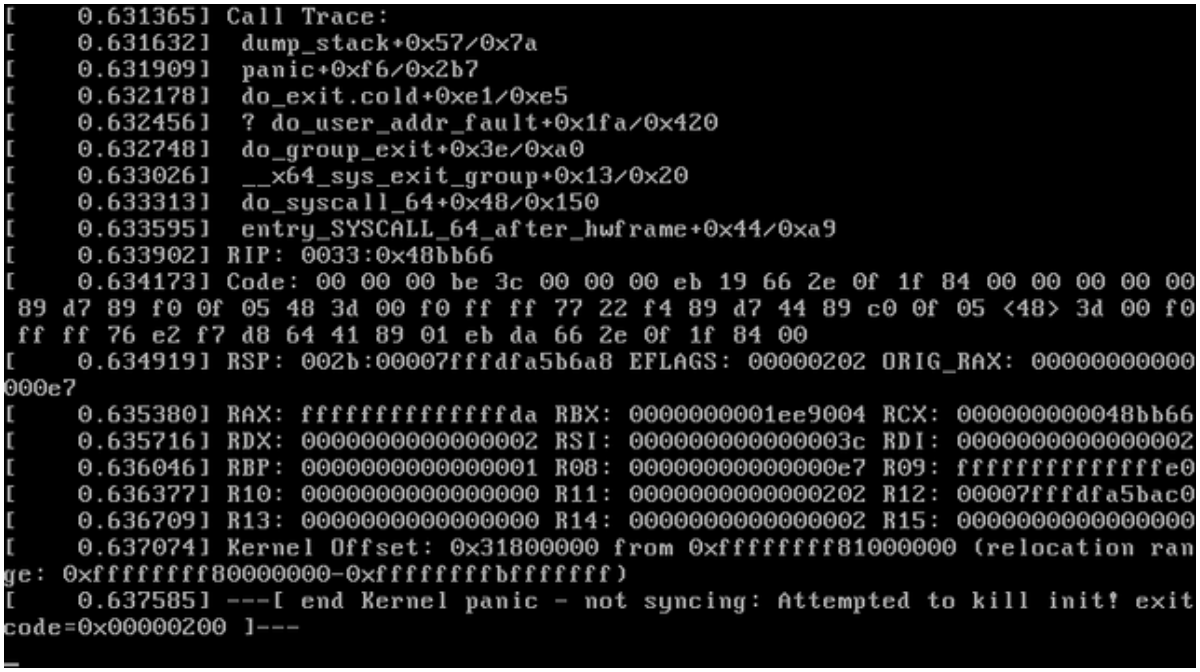
[Teo En Ming Linux] Kernel Panic? (2020-03-17 23:31) - Turritopsis Dohrnii Teo En Ming



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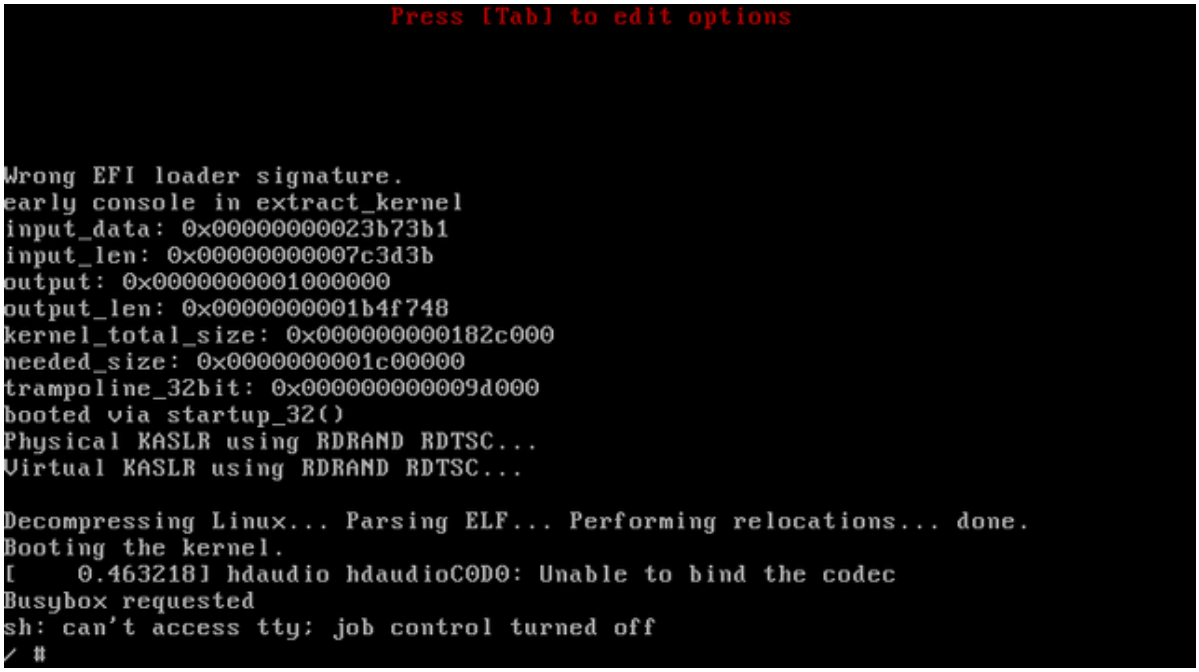
[Teo En Ming Linux] Linux kernel booted via startup_32() ? (2020-03-17 23:28) - Turritopsis Dohrnii Teo En Ming



What is CSM option? (2020-03-17 23:20) - Turritopsis Dohrnii Teo En Ming

Link: [1]https://superuser.com/questions/857117/what-is-csm-option

1. `https://superuser.com/questions/857117/what-is-csm-option`

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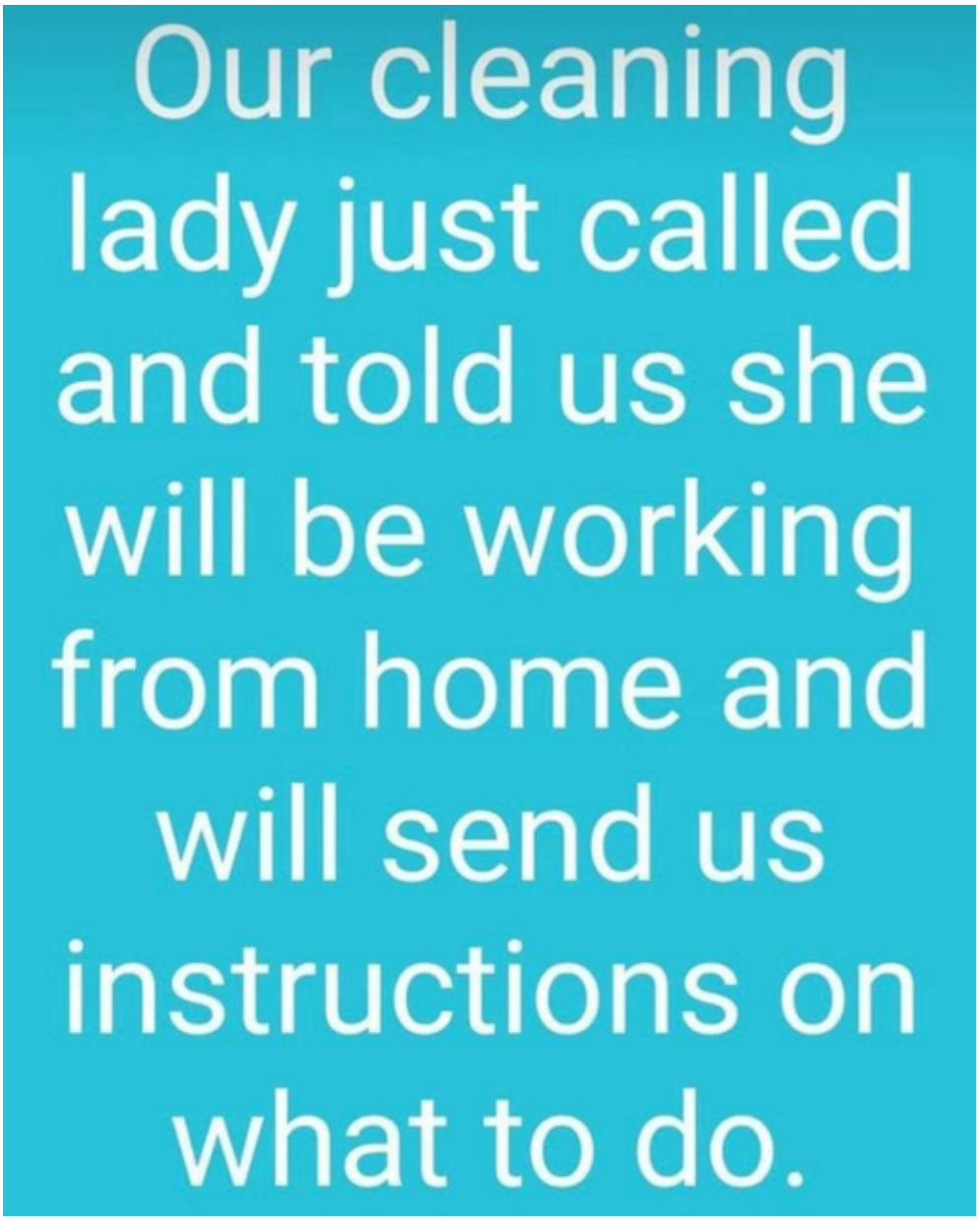
All cleaners to work from home (2020-03-17 23:18) - Turritopsis Dohrnii Teo En Ming



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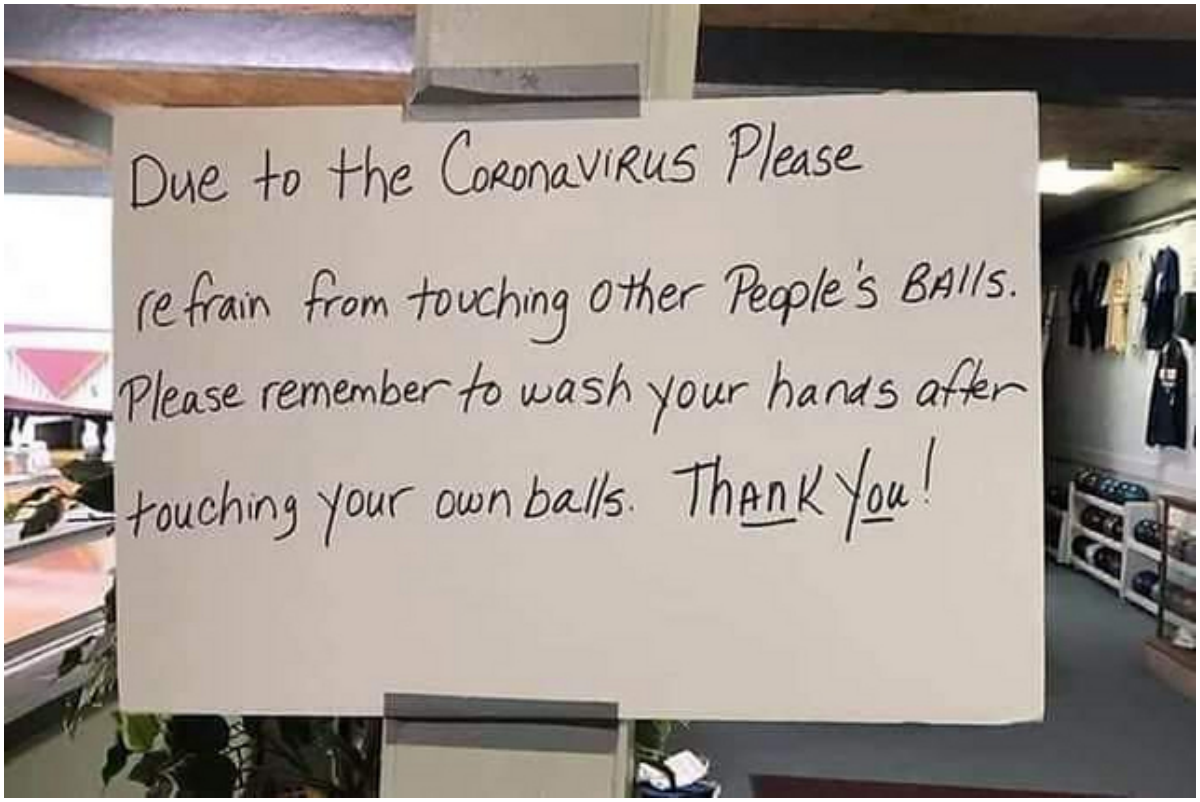
Coronavirus Caution Sign at Penang Bowling Center in Malaysia (2020-03-17 23:16) - Turritopsis Dohrnii Teo En Ming



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Microsoft Open Source Virtual Summit (2020-03-17 23:13) - Turritopsis Dohrnii Teo En Ming

Link: [1]https://info.microsoft.com/AP-AzureMig-WBNR-FY20-03Mar-18-OpenSour ceVirtualSummit-4491 _01Registration-ForminBody.html?wt.mc _id=AID3003418 _EML _6326174

1. https://info.microsoft.com/AP-AzureMig-WBNR-FY20-03Mar-18-OpenSourceVirtualSummit-4491_01Registration-ForminBody.html?wt.mc_id=AID3003418_EML_6326174

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Taiwan’s distrust of China helped reduce impact of Covid-19 outbreak ahead of other countries

(2020-03-17 23:08) - Turritopsis Dohrnii Teo En Ming

Link: [1]https://mothership.sg/2020/03/taiwan-covid-19-praise/

1. https://mothership.sg/2020/03/taiwan-covid-19-praise/

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Windows 10’s built-in Linux kernel will be available to everyone soon (2020-03-17 23:06) - Turritopsis Dohrnii Teo En Ming

Link: [1]https://www.engadget.com/2020/03/14/windows-10-linux-kernel-avai lable-soon/

1. https://www.engadget.com/2020/03/14/windows-10-linux-kernel-available-soon/

Super Pretty Singapore Nurse Apple Chan (2020-03-17 23:02) - Turritopsis Dohrnii Teo En Ming

Link: [1]https://www.youtube.com/watch?v=CuamUlSqv7A

1. `https://www.youtube.com/watch?v=CuamUlSqv7A`

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Why UEFI? (2020-03-17 22:58) - Turritopsis Dohrnii Teo En Ming

Link: [1]https://docs.slackware.com/howtos:slackware _admin:set _up _syslinux _as _boot _loader _on _uefi _based _hardware?do=export _pdf

1. `https://docs.slackware.com/howtos:slackware_admin:set_up_syslinux_as_boot_loader_on_uefi_based_hardware?do=export_pdf`

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Teo En Ming Linux Github Repository (2020-03-17 22:55) - Turritopsis Dohrnii Teo En Ming

Link: [1]https://github.com/teo-en-ming/teo-en-ming-linux

1. `https://github.com/teo-en-ming/teo-en-ming-linux`

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Hint Submission: Patching Linux Kernel 5.5.7 to Add Support for AUFS Filesystem (2020-03-17 22:53) - Turritopsis Dohrnii Teo En Ming

Link: [1]http://lists.linuxfromscratch.org/pipermail/hints/2020-March/003 337.html

1. http://lists.linuxfromscratch.org/pipermail/hints/2020-March/003337.html

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Hint Submission: How to create a Bootable Live CD/DVD from your Linux From Scratch (LFS) build (2020-03-17 22:51) - Turritopsis Dohrnii Teo En Ming

Link: [1]http://lists.linuxfromscratch.org/pipermail/hints/2020-March/003 336.html

1. http://lists.linuxfromscratch.org/pipermail/hints/2020-March/003336.html

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Patching Linux Kernel 5.5.7 to Add Support for AUFS Filesystem (2020-03-16 00:24) - Turritopsis Dohrnii Teo En Ming

Subject of Hint: Patching Linux Kernel 5.5.7 to Add Support for AUFS Filesystem

ORIGINAL AUTHOR: JIMMY ANDERSON
ORIGINAL DATE: 2013-01-20

EDITED BY: TURRITOPSIS DOHRNII TEO EN MING, SINGAPORE
EDIT DATE: 15 MAR 2020 SUNDAY

MANDATORY PREREQUISITES
==========

You *MUST* follow the guide/hint here first (COMPULSORY):

http://lists.linuxfromscratch.org/pipermail/hints/2020-March/003334.html

HINT
====

To obtain the aufs5 kernel patches, do the following:

$ sudo apt install git

#———— Cut and Paste start
cd $LFS/sources
git clone git://github.com/sfjro/aufs5-standalone.git \

aufs5-standalone.git
cd aufs5-standalone.git
git checkout -b origin/aufs5.5
cp aufs5-*.patch ..
rm -f include/uapi/linux/Kbuild
tar cvfz $LFS/sources/aufs5.tar.gz Documentation fs include
cd ..
rm -rf aufs5-standalone.git
#———— Cut and Paste end

Rebuilding your kernel
==========

Follow the instructions in the LFS/BLFS book and build your LFS system
as you normally would except that during the kernel build, after unpacking
the source and cd'ing into the linux directory, you apply either
the unionfs or the aufs patches.

To apply aufs patches:
#———— Cut and Paste start
cat ../aufs5-base.patch |patch -Np1
cat ../aufs5-kbuild.patch |patch -Np1
cat ../aufs5-mmap.patch |patch -Np1

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cat ../aufs5-standalone.patch |patch -Np1
tar xvf ../aufs5.tar.gz
#————— Cut and Paste end

When you configure the kernel, make sure the following are enabled
as builtins (not as modules):

SQUASHFS support (and support for SQUASHFS XZ compressed file systems).
UNIONFS or AUFS support (CONFIG _AUFS _FS=y)
CDROM support (ISO9660).
DEVTMPFS support.

Then build and install as normal:
#————— Cut and Paste start
make
make modules _install
cp arch/x86/boot/bzImage /boot/vmlinuz-5.5.7-turritopsis.dohrnii.teo.en.ming
cp .config /boot/config-5.5.7 ***VERY VERY IMPORTANT TO HAVE A BACKUP OF YOUR KERNEL CONFIGURATION***
#————— Cut and Paste end

Start compiling Linux Kernel 5.5.7: 8.20 PM
End compiling Linux Kernel 5.5.7: 8.39 PM
Duration: 19 mins on an AMD Ryzen 3 3200G processor with Radeon Vega 8 graphics,
Gigabyte B450M DS3H motherboard with BIOS version F41, and 32 GB Transcend DDR4-2666 RAM.

Remake a squashed version of your LFS.
==========

Exit the chroot and unmount any filesystems that are associated with
the $LFS directory. At this point, it is a good idea to do a system
shutdown and restart to ensure that the LFS directory is unused and
in a quiescent state. Make sure LFS is set again after the reboot.

#————— Cut and Paste start
Set LFS value as needed...
export LFS=/mnt/lfs
cd /home/teo-en-ming
echo $LFS
rm -f root.sfs
sudo mv /mnt/lfs/sources/ /home/teo-en-ming/
sudo mksquashfs $LFS root.sfs -comp xz
#————— Cut and Paste end

(omit the -comp xz if your squashfs tools don’t support xz compression).

MODIFY THE LIVE CD/DVD IMAGE
==========

cd /home/teo-en-ming/Downloads
cp -v /home/teo-en-ming/root.sfs live/boot/ $(uname -m)
cp -v $LFS/boot/vmlinuz-5.5.7-turritopsis.dohrnii.teo.en.ming live/boot/ $(uname -m)/vmlinuz

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Create the live CD/DVD iso image using whatever iso creation tool you
have. In this example, it is 'genisoimage':

#————— Cut and Paste start
genisoimage -o teo-en-ming-linux-2020.03-final-live-cd-dvd.iso \
-b boot/isolinux/isolinux.bin \
-c boot.cat \
-no-emul-boot \
-boot-load-size 4 \
-boot-info-table \
-joliet -l -R \
live

rm -rf live # # # OPTIONAL
#————— Cut and Paste end

LIVE CD/DVD BOOTS WITH KERNEL PANIC
==========

After patching Linux Kernel 5.5.7 to add support for AUFS filesystem, the generated Live CD/DVD still boots
with a kernel panic.

The error message is as follows:

"end Kernel panic - not syncing: Attempted to kill init! exit code=0x00000200"

After hours of troubleshooting, I think that the problem may lie with the initramfs (busybox based ramdisk) or the following
script init.sh. The following script init.sh may need to be modified to allow the Live CD/DVD to boot successfully.

I hope that the LFS community would be able to spend some time looking at init.sh and modify it so that the resultant Live CD/DVD
will be able to boot successfully.

I would like to thank all of you in advance.

The original script init.sh (8 years ago) is reproduced as follows:

ADDENDUM: v Cut and save the remainder of this file as $LFS/sources/init.sh v
#!/bin/busybox sh
#
This file is a modified version of:
#
Initramfs boot script 1.3.1 (2012-02-09)
Copyright (c) 2010-2012 Marcel van den Boer
#
Permission is hereby granted, free of charge, to any person obtaining a copy
of this software and associated documentation files (the "Software"), to
deal in the Software without restriction, including without limitation the
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```
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# FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE
# AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER
# LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING
# FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS
# IN THE SOFTWARE.

# FS layout at the start of this script:
# - /boot/id _label
# - /bin/busybox
# - /dev/console (created by kernel)
# - /init (this file)

set -e

ARCH="<ARCH>"

# # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # #
copyBindMount() { # COPY/BIND LIVECD MODE #
# # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # #

# This function bind-mounts directories which are designed to be capable of
# read-only access and copies the remaining directories to a tmpfs.
#
# The downside of this method is that the resulting root filesystem is not
# fully writable. So, for example, installation of new programs will not be
# possible.
#
# However, this function can be used without any modification to the kernel and
# is therefore perfect for use as a fallback if other options are not available.

# Mount a tmpfs where the new rootfs will be.
mount -t tmpfs tmpfs $ {ROOT } # Allows remounting root in the bootscripts

# Bind mount read-only filesystems, copy the rest
cd /mnt/system
for dir in $(ls -1); do
case $ {dir } in
lost+found)
;;
bin | boot | lib | opt | sbin | usr)
mkdir $ {ROOT }/ $ {dir }
mount –bind $ {dir } $ {ROOT }/ $ {dir }
;;
)
cp -R $ {dir } $ {ROOT }
;;
esac
```


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```
done
cd /

# # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # #
}; unionMount() { # UNIONFS/AUFS LIVECD MODE #
# # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # #

# A union mount takes one or more directories and combines them transparantly
# in a third. This function creates a writable directory in memory (tmpfs) and
# uses it to overlay the read-only system image, resulting in a fully writable
# root file system.
#
# The only downside to this method is that it requires a union type filesystem
# in the kernel, which can only be accomplished by patching the kernel as there
# is no such feature in a vanilla kernel.

mkdir -p /mnt/writable
mount -t tmpfs -o rw tmpfs /mnt/writable

UNIONFSOPT="/mnt/writable=rw:/mnt/system=ro"
AUFSOPT="/mnt/writable=rw:/mnt/system=ro"
mount -t unionfs -o dirs= $ {UNIONFSOPT } unionfs $ {ROOT } 2> /dev/null || \
mount -t aufs -o br= $ {AUFSOPT } none $ {ROOT } 2> /dev/null || \
{
# If UnionFS fails, fall back to copy/bind mounting
copyBindMount
}

# # # # # # # # # # # # # # # # # # # # #
} # END OF FUNCTIONS #
# # # # # # # # # # # # # # # # # # # # #

# Make required applets easier to access
for applet in cat chmod cp cut grep ls mkdir mknod mount umount switch _root \
rm mv vi cpio tar mke2fs sync fdisk dd ; do
/bin/busybox ln /bin/busybox /bin/ $ {applet }
done

# Clear the screen
#clear # Don't! This will clear the Linux boot logo when using a framebuffer.
# If you want to clear the screen on boot add the "clear" command to
# '/usr/share/live/sec _init.sh' in the system image.

# Create device nodes required to run this script
# Note: /dev/console will already be available in the ramfs
mknod /dev/null c 1 3

mknod /dev/scd0 b 11 0 # +———
mknod /dev/scd1 b 11 1 # |
mknod /dev/scd2 b 11 2 # |
mknod /dev/scd3 b 11 3 # |
# |
mknod /dev/hdc b 22 0 # |
```

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```
# |
mknod /dev/sda b 8 0 # |
mknod /dev/sda1 b 8 1 # |
mknod /dev/sda2 b 8 2 # |
mknod /dev/sda3 b 8 3 # |
mknod /dev/sda4 b 8 4 # |
# |
mknod /dev/sdb b 8 16 # | <—-
mknod /dev/sdb1 b 8 17 # | Devices which could be or contain the
mknod /dev/sdb2 b 8 18 # | boot medium...
mknod /dev/sdb3 b 8 19 # |
mknod /dev/sdb4 b 8 20 # |
# |
mknod /dev/sdc b 8 32 # |
mknod /dev/sdc1 b 8 33 # |
mknod /dev/sdc2 b 8 34 # |
mknod /dev/sdc3 b 8 35 # |
mknod /dev/sdc4 b 8 36 # |
# |
mknod /dev/sdd b 8 48 # |
mknod /dev/sdd1 b 8 49 # |
mknod /dev/sdd2 b 8 50 # |
mknod /dev/sdd3 b 8 51 # |
mknod /dev/sdd4 b 8 52 # +———

# Create mount points for filesystems
mkdir -p /mnt/medium
mkdir -p /mnt/system
mkdir -p /mnt/rootfs

# Mount the /proc filesystem (enables filesystem detection for ’mount’)
mkdir /proc
mount -t proc proc /proc

# Invoke busybox if requested via the kernel command line.
if [ ‘grep -c "busybox" /proc/cmdline‘ -ne "0" ]; then
echo "Busybox requested";
busybox sh
fi

# Search for, and mount the boot medium
LABEL=" $(cat /boot/id _label)"
for device in $(ls /dev); do
[ " $ {device }" == "console" ] & & continue
[ " $ {device }" == "null" ] & & continue

mount -o ro /dev/ $ {device } /mnt/medium 2> /dev/null & & \
if [ " $(cat /mnt/medium/boot/ $ {ARCH }/id _label)" != " $ {LABEL }" ]; then
umount /mnt/medium
else
DEVICE=" $ {device }"
break
fi
```


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```
done

if [ " $ {DEVICE }" == "" ]; then
echo "FATAL: Boot medium not found."
/bin/busybox sh
fi

# Mount the system image
mount -t squashfs -o ro,loop /mnt/medium/boot/ $ {ARCH }/root.sfs /mnt/system || {
echo "FATAL: Boot medium found, but system image is missing."
/bin/busybox sh
}

# Define where the new root filesystem will be
ROOT="/mnt/rootfs" # Also needed for /usr/share/live/sec _init.sh

# Run in bootable cd mode if requested via the kernel command line.
if [ ‘grep -c "bootcd" /proc/cmdline‘ -ne "0" ]; then
echo "Bootcd mode (bind mount) requested";
copyBindMount
else
# Select LiveCD mode
unionMount # Might fall back to copyBindMount
fi

# Tell LFS to skip fsck during startup:
> $ROOT/fastboot

# Get rid of / manipulations in mountfs script:
grep -v ’ \/ ’ $ROOT/etc/rc.d/init.d/mountfs > $ROOT/tmp/mountfs
rm -f $ROOT/etc/rc.d/init.d/mountfs
mv $ROOT/tmp/mountfs $ROOT/etc/rc.d/init.d/mountfs
chmod +x $ROOT/etc/rc.d/init.d/mountfs

# Move current mounts to directories accessible in the new root
cd /mnt
for dir in $(ls -1); do
if [ " $ {dir }" != "rootfs" ]; then
mkdir -p $ {ROOT }/mnt/.boot/ $ {dir }
mount –move /mnt/ $ {dir } $ {ROOT }/mnt/.boot/ $ {dir }
fi
done
cd /

# Run secondary initialization (if the system provides it)
if [ -x $ {ROOT }/usr/share/live/sec _init.sh ]; then
. $ {ROOT }/usr/share/live/sec _init.sh
fi

# Clean up
umount /proc

# Switch to the new root and launch INIT!
```

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exec switch _root -c /dev/console $ {ROOT } /sbin/init

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==========

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1. https://github.com/teo-en-ming/teo-en-ming-linux/blob/master/Patching%20Linux%20Kernel%205.5.7%20to%20Add%20Support%20for%20AUFS%20Filesystem.txt
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How can I make space-saving and reliable backup/clone of Teo En Ming Linux 2020.03 (FINAL)?

(2020-03-15 13:06) - Turritopsis Dohrnii Teo En Ming

Subject: How can I make space-saving and reliable backup/clone of Teo En Ming Linux 2020.03 (FINAL)?

Good day from Singapore,

I have recently *successfully* created my own custom Linux distribution called Teo En Ming Linux 2020.03 (FINAL), which is based on
Linux From Scratch (LFS) 20200302-systemd development book and Linux Kernel 5.5.7, on 12 March 2020.

Please refer to my redundant blog posts for more information about Teo En Ming Linux 2020.03 (FINAL).

Post: "Announcing Teo En Ming Linux 2020.03 (FINAL)"

Blogger: https://tdtemcerts.blogspot.com/2020/03/announcing-teo-en-ming-linux-202003.h tml

Wordpress: https://tdtemcerts.wordpress.com/2020/03/12/announcing-teo-en-ming-linux-2020 -03-final/

Post: "How to create a Bootable Live CD/DVD from your Linux From Scratch (LFS) build"

Blogger: https://tdtemcerts.blogspot.com/2020/03/how-to-create-bootable-live-cddvd-fro m.html

Wordpress: https://tdtemcerts.wordpress.com/2020/03/15/how-to-create-a-bootable-live-cd- dvd-from-your-linux-from-scratch-lfs-build/

The question is, how can I make space-saving and reliable backup/clone of Teo En Ming Linux 2020.03 (FINAL)?

If you are able to assist with or solve my Live CD/DVD ISO issues, I will be very grateful indeed. Currently, my Live CD/DVD boots with a Kernel Panic.

[13.362601] —[end Kernel panic - not syncing: Attempted to kill init! exit code=0x00000200]—

Please advise.

Thank you very much.

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==========

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[3] [3]https://sourceforge.net/p/partclone/mailman/message/36948324/

1. `https://sourceforge.net/p/mondo/mailman/message/36948322/`
2. `https://sourceforge.net/p/g4l/mailman/message/36948323/`
3. `https://sourceforge.net/p/partclone/mailman/message/36948324/`

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[YouTube Video] Teo En Ming Linux 2020.03 (FINAL) (2020-03-15 12:12) - Turritopsis Dohrnii Teo En Ming

[YouTube Video] Teo En Ming Linux 2020.03 (FINAL)

Link: [1]https://www.youtube.com/watch?v=WfKh2WlmzKo

Redundant YouTube Video:

Link: [2]https://www.youtube.com/watch?v=U6csdSCrKnI

1. `https://www.youtube.com/watch?v=WfKh2WlmzKo`
2. `https://www.youtube.com/watch?v=U6csdSCrKnI`

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[YouTube Video] Teo En Ming Linux 2020.03 (BETA) (2020-03-15 12:09) - Turritopsis Dohrnii Teo En Ming

[YouTube Video] Teo En Ming Linux 2020.03 (BETA)

Link: [1]https://www.youtube.com/watch?v=N705SUMKAsE

Redundant YouTube Video:

Link: [2]https://www.youtube.com/watch?v=sXiDUTZ8ECA

1. `https://www.youtube.com/watch?v=N705SUMKAsE`
2. `https://www.youtube.com/watch?v=sXiDUTZ8ECA`

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How to create a Bootable Live CD/DVD from your Linux From Scratch (LFS) build (2020-03-15 12:03) - Turritopsis Dohrnii Teo En Ming

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[12] [4]https://sourceforge.net/p/aufs/mailman/message/36948308/

[13] unionfs has no archives

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3. https://www.syslinux.org/archives/2020-March/026620.html
4. https://sourceforge.net/p/aufs/mailman/message/36948308/

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How to create a Bootable Live CD/DVD from your Linux From Scratch (LFS) build (2020-03-15 09:44) - Turritopsis Dohrnii Teo En Ming

Subject of Hint: How to create a Bootable Live CD/DVD from your Linux From Scratch (LFS) build

Good day from Singapore,

I am Mr. Turritopsis Dohrnii Teo En Ming, based in Singapore.

I have recently *successfully* created my own custom Linux distribution called Teo En Ming Linux 2020.03 (FINAL), which is based on
Linux From Scratch 20200302-systemd book and Linux Kernel 5.5.7, on 12 March 2020.

You may refer to my redundant blog posts for the announcement.

Blogger: Announcing Teo En Ming Linux 2020.03 (FINAL)
Link: https://tdtemcerts.blogspot.com/2020/03/announcing-teo-en-ming-linux-202003.h tml

Wordpress: Announcing Teo En Ming Linux 2020.03 (FINAL)
Link: https://tdtemcerts.wordpress.com/2020/03/12/announcing-teo-en-ming-linux-2020 -03-final/

Jimmy Anderson's guide/hint was written on 20 Jan 2013, which is more than 7 years ago. Today is 14 March 2020 Saturday. Therefore, his guide is definitely outdated
and needs some tweaking to adapt to the *latest* LFS system at the time of this writing.

Jimmy Anderson's guide/hint was verified with LFS version 7.2. I have made *extensive* modifications to his guide/hint to work with my LFS 20200302-systemd build.

You can download Teo En Ming Linux 2020.03 (FINAL) Bootable Live CD/DVD ISOs from the following github.com link.

Link: https://github.com/teo-en-ming/teo-en-ming-linux/blob/master/iso %20download %20links.txt

Note: Please note that my Live CD/DVD boots with a Kernel Panic. I hope that Linux experts will be able to download my ISO, examine its contents and find out what's wrong.
I would like to thank all of you in advance for your kind assistance and advise.

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The attached file is a new hint which describes how to turn your LFS build
into your own Live CD/DVD.
———— next part ————
An HTML attachment was scrubbed...
URL: <http://lists.linuxfromscratch.org/pipermail/hints/attachments/20130320/5714c b82/attachment.html>
———— next part ————

ORIGINAL AUTHOR: Jimmy Anderson (jimmy.anderson1057 at gmail.com)
ORIGINAL DATE: 2013-01-20
Link to original hint: http://lists.linuxfromscratch.org/pipermail/hints/2013-March/003307.html

EDITED BY: Turritopsis Dohrnii Teo En Ming, Singapore

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EDIT DATE: 14 MARCH 2020, SATURDAY

LICENSE:

Portions of the instructions in this hint were derived from scripts
in the LFScript project. These scripts are covered by the following
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SYNOPSIS: How to create a bootable Live CD/DVD from your LFS build.

DESCRIPTION:

This hint describes how to create a live CD/DVD from your LFS build. The
resulting live CD/DVD can be used as an LFS/CLFS build host or for whatever
purpose you desire.

Briefly, you will build your LFS system and a "squashed" version
of it will be created. A busybox based ramdisk will be created
which sets up a union mount (either aufs or unionfs) of the squashed
LFS system with a ram based file system and then the system will be
started with the union filesystem as root.

unionfs and aufs are not part of the standard kernel code. To build
a live cd/dvd you must patch your kernel to add support for one or the other.
This hint will still work without aufs or unionfs support but the result
will not be a live CD/DVD but instead be a bootable CD/DVD (useful but
with lesser ability than a live cd/dvd). Teo En Ming *did not* patch Linux kernel 5.5.7
to add support for aufs or unionfs filesystems because he did not have the knowledge to tweak
the patches.

The original hint was verified with LFS 7.2 x86 (32 and 64 bit). It may
(likely will) work with other LFS versions also but it only was

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specifically tested with 7.2 and you are on your own to work out how
to make it work with other LFS versions. Teo En Ming has modifed this guide/hint to allow it
to work with the latest LFS 20200302-systemd development book.

A description of each step and cut and paste for that
step is provided. Cut and pasting should make it easier to build a live cd/dvd
but it is important that you understand what the purpose of each step
is. Blindly cutting and pasting from this hint will probably not
result in success.

Following this hint, like doing pretty much anything in LFS, has the
potential of damaging your system. Before you begin, make sure
you've saved a copy of any data that is important to you. It's also suggested
to follow this procedure on a system that is used only by you so that any
errors will not affect others.

ATTACHMENTS:
None

PREREQUISITES:

This hint assumes the reader is familiar with Linux From Scratch (LFS).

Much of this hint assumes that the LFS variable is properly set. So,
when following this hint, at all times make sure LFS is set properly:

export LFS=/mnt/lfs (or as needed for your setup)

HINT:

Step 1) Download additional needed packages.

This step is done on the HOST (not in LFS chroot).

You will need some additional packages. Download the squashfs tools,
busybox and syslinux. The squashfs tools will be needed on the host.

#———— Cut and Paste start
cd /home/teo-en-ming/Downloads
wget -4 https://sourceforge.net/projects/squashfs/files/squashfs/squashfs4.4/squashfs 4.4.tar.gz/download
wget -4 https://busybox.net/downloads/busybox-1.31.1.tar.bz2
wget -4 http://www.kernel.org/pub/linux/utils/boot/syslinux/syslinux-4.06.tar.xz
#———— Cut and Paste end

Additionally, the addendum of this hint contains a script that is
required for the live cd/dvd. Save the addendum of this hint as:

$LFS/sources/init.sh

Note: You can skip the aufs/unionfs kernel patch altogether if a

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more simple bootable CD/DVD is adequate for your needs.

Step 2) Add squashfs tools to your host. (Do this on your HOST)

Teo En Ming's host operating system is Ubuntu 18.04.3 LTS Desktop Edition.

If you are running a host distribution which provides prepackaged
squashfs tools, you may be able to use them. However they must be
at least version 4.1 to work properly with this hint.

It is recommended however, that you build squashfs tools 4.4 from
the source. This hint was tested with squashfs tools 4.4 and better
(xz) compression is obtained with 4.4 (compared with 4.1). To build the
squashfs tools do:

#————— Cut and Paste start
cd /home/teo-en-ming/Downloads
tar xvfz squashfs4.4.tar.gz
cd squashfs4.4/squashfs-tools
Edit Makefile as follows:
XZ _SUPPORT = 1
COMP _DEFAULT = xz
sudo apt install liblzma-dev
make
sudo make install
mksquashfs -version
#————— Cut and Paste end

The version string displayed should be 4.4. If not, you may need to
adjust your PATH so that $HOME/bin appears first in it.

If you are on a single user system, or if no other version of
squashfs tools exists, squashfs tools could be installed in /usr/bin
or /usr/local/bin rather than $HOME/bin.

If the lzma libraries are not installed, the build of squashfs-tools
will fail. To resolve it, either install the lzma libraries or
rebuild squashfs without xz support. squashfs (and this hint) can operate
properly without xz support but without xz support, the resulting
live CD/DVD iso size will be somewhat larger.

Step 3) Build your LFS system and kernel.

Follow the instructions in the LFS/BLFS book and build your LFS system
as you normally would.

When you configure the kernel, make sure the following are enabled
as builtins (not as modules):

SQUASHFS support (and support for SQUASHFS XZ compressed file systems).
UNIONFS or AUFS support (Teo En Ming *did not* patch Linux Kernel 5.5.7 for AUFS or UNIONFS support).

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CDROM support (ISO9660).
DEVTMPFS support.

Then build and install as normal:
#———— Cut and Paste start
make
make modules _install
cp arch/x86/boot/bzImage /boot/vmlinuz-5.5.7-turritopsis.dohrnii.teo.en.ming
cp .config /boot/config-5.5.7
#———— Cut and Paste end

Additionally, /etc/fstab needs some tweaks for a live cd/dvd.
Edit /etc/fstab and comment out all hard drive mounts.
But leave the virtual filesystem mounts (/proc and such) in it:
#———— Cut and Paste start
Teo En Ming's favorite text editor in Linux is nano.
nano /etc/fstab
>> comment out any hard drive mounts <<
#———— Cut and Paste end

Build and configure the remainder of your LFS system as normal.

Step 4) Build busybox in your LFS.

While inside the chroot environment add busybox to your
LFS system:

ERROR compiling busybox with glibc-2.31: "sys-apps/busybox-1.31.1 fails to compile with sys-devel/glibc-2.31"

Software Bug Link: https://bugs.gentoo.org/708350

Link to patch file: https://708350.bugs.gentoo.org/attachment.cgi?id=611780

===Start File busybox-glibc-2.31.patch===

diff –git a/coreutils/date.c b/coreutils/date.c
index 3414d38ae..4ade6abb4 100644
— a/coreutils/date.c
+++ b/coreutils/date.c
@@ -279,6 +279,9 @@ int date _main(int argc UNUSED _PARAM, char **argv)

time(&ts.tv _sec);
#endif

}
+ #if !ENABLE _FEATURE _DATE _NANO
+
ts.tv _nsec = 0;
+ #endif

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```
localtime _r( &ts.tv _sec, &tm _time);


/* If date string is given, update tm _time, and maybe set date */
@@ -301,9 +304,10 @@ int date _main(int argc UNUSED _PARAM, char **argv)

if (date _str[0] != '@')

tm _time.tm _isdst = -1;

ts.tv _sec = validate _tm _time(date _str, &tm _time);
+
ts.tv _nsec = 0;


/* if setting time, set it */
-
if ((opt & OPT _SET) & & stime( &ts.tv _sec) < 0) {
+
if ((opt & OPT _SET) & & clock _settime(CLOCK _REALTIME, &ts) < 0) {

bb _perror _msg("can't set date");

}

}
diff –git a/libbb/missing _syscalls.c b/libbb/missing _syscalls.c
index 87cf59b3d..dc40d9155 100644
— a/libbb/missing _syscalls.c
+++ b/libbb/missing _syscalls.c
@@ -15,14 +15,6 @@ pid _t getsid(pid _t pid)

return syscall( _ _NR _getsid, pid);
}

-int stime(const time _t *t)
- {
-
struct timeval tv;
-
tv.tv _sec = *t;
-
tv.tv _usec = 0;
-
return settimeofday( &tv, NULL);
- }
-
```


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```
int sethostname(const char *name, size _t len)
{

return syscall( _ _NR _sethostname, name, len);
diff –git a/util-linux/rdate.c b/util-linux/rdate.c
index 70f829e7f..878375d78 100644
— a/util-linux/rdate.c
+++ b/util-linux/rdate.c
@@ -95,9 +95,13 @@ int rdate _main(int argc UNUSED _PARAM, char **argv)

if (!(flags & 2)) { /* no -p (-s may be present) */

if (time(NULL) == remote _time)

bb _error _msg("current time matches remote time");
-
else
-
if (stime( &remote _time) < 0)
+
else {
+
struct timespec ts;
+
ts.tv _sec = remote _time;
+
ts.tv _nsec = 0;
+
if (clock _settime(CLOCK _REALTIME, &ts) < 0)

bb _perror _msg _and _die("can’t set time of day");
+
}

}


if (flags != 1) /* not lone -s */

===End File busybox-glibc-2.31.patch===

#———— Cut and Paste start
cd /sources
tar xvf busybox-1.31.1.tar.bz2
cd busybox-1.31.1
cat ../busybox-glibc-2.31.patch | patch -Np1
make defconfig
```

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```
sed ’s/ # CONFIG _STATIC is not set/CONFIG _STATIC=y/’ -i .config

sed ’s/CONFIG _FEATURE _HAVE _RPC=y/ # CONFIG _FEATURE _HAVE _RPC is not set/’ \
-i .config
sed ’s/CONFIG _FEATURE _MOUNT _NFS=y/ # CONFIG _FEATURE _MOUNT _NFS is not set/’ \
-i .config
sed ’s/CONFIG _FEATURE _INETD _RPC=y/ # CONFIG _FEATURE _INETD _RPC is not set/’ \
-i .config
make
cp -v busybox /bin
#———— Cut and Paste end
```

Step 5) Create ramdisk.

Do this step from inside the LFS chroot environment. This step creates a busybox based ramdisk. The ramdisk does the work of creating and mounting the union filesystem and switching to it for the root file system.

```
#———— Cut and Paste start
cd /sources
echo "Teo En Ming Linux 2020.03 (FINAL) Bootable Live CD/DVD" >id _label
mkdir -pv mnt _init/ {bin,boot }
cp -v id _label mnt _init/boot
cp -v /bin/busybox mnt _init/bin
cp init.sh mnt _init/init
sed -i "s/<ARCH>/ $(uname -m)/g" mnt _init/init
chmod +x mnt _init/init

pushd mnt _init
find . | ./bin/busybox cpio -o -H newc -F ../initramfs.cpio
popd
gzip -9 initramfs.cpio
rm -rf mnt _init
mv initramfs.cpio.gz /boot/initram.fs
mv id _label /boot
#———— Cut and Paste end
```

Step 6) Make a squashed version of your LFS.

This step should be done on the HOST (not inside chroot).

Do any needed cleanup and final tweaking of your LFS system prior to continuing. Strip any binaries you want stripped, remove any build cruft, remove $LFS/tools, etc. Add any additional data that you would like to be present on the live CD/DVD, etc. A base LFS system (without source) turns into only a 267 megabyte (or thereabouts) size iso, so there should be plenty of space available for extras.

Exit the chroot and unmount any filesystems that are associated with the $LFS directory. At this point, it is a good idea to do a system

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shutdown and restart to ensure that the LFS directory is unused and
in a quiescent state. Make sure LFS is set again after the reboot.

#———— Cut and Paste start
Set LFS value as needed...
export LFS=/mnt/lfs
cd /home/teo-en-ming
echo $LFS
rm -f root.sfs
sudo mksquashfs $LFS root.sfs -comp xz
#———— Cut and Paste end

(omit the -comp xz if your squashfs tools don’t support xz compression).

Step 7) Add syslinux and create CD/DVD image.

This step should be done on the HOST (not inside chroot).

Setup the isolinux configuration file:

#———— Cut and Paste start
cd /home/teo-en-ming

cat > isolinux.cfg << EOF
DEFAULT menu.c32
PROMPT 0
MENU TITLE Select an option...
TIMEOUT 300

LABEL live
MENU LABEL ^Boot Teo En Ming Linux 2020.03 (FINAL) Live CD/DVD ($(uname -m))
MENU DEFAULT
KERNEL /boot/ $(uname -m)/vmlinuz
APPEND initrd=/boot/ $(uname -m)/initram.fs quiet

LABEL busybox
MENU LABEL ^Boot busybox ($(uname -m))
KERNEL /boot/ $(uname -m)/vmlinuz
APPEND initrd=/boot/ $(uname -m)/initram.fs quiet busybox

LABEL harddisk
MENU LABEL Boot from first ^Hard disk
LOCALBOOT 0x80

EOF
#———— Cut and Paste end

Package the isolinux bootloader, squashed rootfs and ramdisk
into a subdirectory:

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```
#————— Cut and Paste start
tar xf syslinux-4.06.tar.xz
rm -rf live
mkdir -p live/boot/ {isolinux, $(uname -m) }
cp -v syslinux-4.06/core/isolinux.bin live/boot/isolinux
cp -v syslinux-4.06/com32/menu/menu.c32 live/boot/isolinux
mv -v /home/teo-en-ming/isolinux.cfg live/boot/isolinux

cp -v /home/teo-en-ming/root.sfs live/boot/ $(uname -m)
cp -v $LFS/boot/vmlinuz-5.5.7-turritopsis.dohrnii.teo.en.ming live/boot/ $(uname -m)/vmlinuz
cp -v $LFS/boot/id _label live/boot/ $(uname -m)
cp -v $LFS/boot/initram.fs live/boot/ $(uname -m)/initram.fs

#————— Cut and Paste end
```

Create the live CD/DVD iso image using whatever iso creation tool you
have. In this example, it is 'genisoimage':

```
#————— Cut and Paste start
genisoimage -o teo-en-ming-linux-2020.03-final-live-cd-dvd.iso \
-b boot/isolinux/isolinux.bin \
-c boot.cat \
-no-emul-boot \
-boot-load-size 4 \
-boot-info-table \
-joliet -l -R \
live

rm -rf live # # # OPTIONAL
#————— Cut and Paste end
```

Step 8) Burn and boot.

Burn the iso using whatever cd/dvd writing tools you prefer.
Teo En Ming uses k3b. Reboot the
system with the CD/DVD inserted and it should boot into your live CD/DVD.

Step 9) Usage

The CD/DVD boot menu allows you to boot busybox or the live cd/dvd. Busybox
may be useful if debugging or experimenting is needed.

You can use the live cd/dvd to inject your LFS image onto the target computer (
rather than rebuilding from scratch..) First, mount
/dev/cdrom somewhere. In the boot subdirectory in the cd image, you will
find the root.sfs file. root.sfs is your LFS system in a squashed format.
To install it into the target, either use the unsquashfs tools to
uncompress it onto the target computer system or loop mount the root.sfs
file and then use tar or some other directory copy tool to inject
it into the target computer.

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ACKNOWLEDGEMENTS:
The LFS from script project (http://lfscript.org/wiki/index.php/Main _Page)
The LFS project (http://www.linuxfromscratch.org/lfs/)

CHANGELOG:
[2013-01-20]
Initial hint by Jimmy Anderson.
[2020-03-14]
Modifications by Turritopsis Dohrnii Teo En Ming, Singapore

ADDENDUM: v Cut and save the remainder of this file as $LFS/sources/init.sh v

```
#!/bin/busybox sh
#
# This file is a modified version of:
#
# Initramfs boot script 1.3.1 (2012-02-09)
# Copyright (c) 2010-2012 Marcel van den Boer
#
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# LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING
# FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS
# IN THE SOFTWARE.

# FS layout at the start of this script:
# - /boot/id _label
# - /bin/busybox
# - /dev/console (created by kernel)
# - /init (this file)

set -e

ARCH="<ARCH>"

# # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # #
copyBindMount() { # COPY/BIND LIVECD MODE #
# # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # #

# This function bind-mounts directories which are designed to be capable of
# read-only access and copies the remaining directories to a tmpfs.
#
```

```
# The downside of this method is that the resulting root filesystem is not
# fully writable. So, for example, installation of new programs will not be
# possible.
#
# However, this function can be used without any modification to the kernel and
# is therefore perfect for use as a fallback if other options are not available.

# Mount a tmpfs where the new rootfs will be.
mount -t tmpfs tmpfs $ {ROOT } # Allows remounting root in the bootscripts

# Bind mount read-only filesystems, copy the rest
cd /mnt/system
for dir in $(ls -1); do
case $ {dir } in
lost+found)
;;
bin | boot | lib | opt | sbin | usr)
mkdir $ {ROOT }/ $ {dir }
mount –bind $ {dir } $ {ROOT }/ $ {dir }
;;
)
cp -R $ {dir } $ {ROOT }
;;
esac
done
cd /

# # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # #
}; unionMount() { # UNIONFS/AUFS LIVECD MODE #
# # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # #

# A union mount takes one or more directories and combines them transparantly
# in a third. This function creates a writable directory in memory (tmpfs) and
# uses it to overlay the read-only system image, resulting in a fully writable
# root file system.
#
# The only downside to this method is that it requires a union type filesystem
# in the kernel, which can only be accomplished by patching the kernel as there
# is no such feature in a vanilla kernel.

mkdir -p /mnt/writable
mount -t tmpfs -o rw tmpfs /mnt/writable

UNIONFSOPT="/mnt/writable=rw:/mnt/system=ro"
AUFSOPT="/mnt/writable=rw:/mnt/system=ro"
mount -t unionfs -o dirs= $ {UNIONFSOPT } unionfs $ {ROOT } 2> /dev/null || \
mount -t aufs -o br= $ {AUFSOPT } none $ {ROOT } 2> /dev/null || \
{
# If UnionFS fails, fall back to copy/bind mounting
copyBindMount
}

# # # # # # # # # # # # # # # # # # # # #
```


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```
} # END OF FUNCTIONS #
# # # # # # # # # # # # # # # # # # # # #

# Make required applets easier to access
for applet in cat chmod cp cut grep ls mkdir mknod mount umount switch _root \
rm mv vi cpio tar mke2fs sync fdisk dd ; do
/bin/busybox ln /bin/busybox /bin/ $ {applet }
done

# Clear the screen
#clear # Don't! This will clear the Linux boot logo when using a framebuffer.
# If you want to clear the screen on boot add the "clear" command to
# '/usr/share/live/sec _init.sh' in the system image.

# Create device nodes required to run this script
# Note: /dev/console will already be available in the ramfs
mknod /dev/null c 1 3

mknod /dev/scd0 b 11 0 # +———
mknod /dev/scd1 b 11 1 # |
mknod /dev/scd2 b 11 2 # |
mknod /dev/scd3 b 11 3 # |
# |
mknod /dev/hdc b 22 0 # |
# |
mknod /dev/sda b 8 0 # |
mknod /dev/sda1 b 8 1 # |
mknod /dev/sda2 b 8 2 # |
mknod /dev/sda3 b 8 3 # |
mknod /dev/sda4 b 8 4 # |
# |
mknod /dev/sdb b 8 16 # | <—-
mknod /dev/sdb1 b 8 17 # | Devices which could be or contain the
mknod /dev/sdb2 b 8 18 # | boot medium...
mknod /dev/sdb3 b 8 19 # |
mknod /dev/sdb4 b 8 20 # |
# |
mknod /dev/sdc b 8 32 # |
mknod /dev/sdc1 b 8 33 # |
mknod /dev/sdc2 b 8 34 # |
mknod /dev/sdc3 b 8 35 # |
mknod /dev/sdc4 b 8 36 # |
# |
mknod /dev/sdd b 8 48 # |
mknod /dev/sdd1 b 8 49 # |
mknod /dev/sdd2 b 8 50 # |
mknod /dev/sdd3 b 8 51 # |
mknod /dev/sdd4 b 8 52 # +———

# Create mount points for filesystems
mkdir -p /mnt/medium
mkdir -p /mnt/system
mkdir -p /mnt/rootfs
```

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```
# Mount the /proc filesystem (enables filesystem detection for ’mount’)
mkdir /proc
mount -t proc proc /proc

# Invoke busybox if requested via the kernel command line.
if [ ‘grep -c "busybox" /proc/cmdline‘ -ne "0" ]; then
echo "Busybox requested";
busybox sh
fi

# Search for, and mount the boot medium
LABEL=" $(cat /boot/id _label)"
for device in $(ls /dev); do
[ " $ {device }" == "console" ] & & continue
[ " $ {device }" == "null" ] & & continue

mount -o ro /dev/ $ {device } /mnt/medium 2> /dev/null & & \
if [ " $(cat /mnt/medium/boot/ $ {ARCH }/id _label)" != " $ {LABEL }" ]; then
umount /mnt/medium
else
DEVICE=" $ {device }"
break
fi
done

if [ " $ {DEVICE }" == "" ]; then
echo "FATAL: Boot medium not found."
/bin/busybox sh
fi

# Mount the system image
mount -t squashfs -o ro,loop /mnt/medium/boot/ $ {ARCH }/root.sfs /mnt/system || {
echo "FATAL: Boot medium found, but system image is missing."
/bin/busybox sh
}

# Define where the new root filesystem will be
ROOT="/mnt/rootfs" # Also needed for /usr/share/live/sec _init.sh

# Run in bootable cd mode if requested via the kernel command line.
if [ ‘grep -c "bootcd" /proc/cmdline‘ -ne "0" ]; then
echo "Bootcd mode (bind mount) requested";
copyBindMount
else
# Select LiveCD mode
unionMount # Might fall back to copyBindMount
fi

# Tell LFS to skip fsck during startup:
> $ROOT/fastboot

# Get rid of / manipulations in mountfs script:
```


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```
grep -v ’ \/ ’ $ROOT/etc/rc.d/init.d/mountfs > $ROOT/tmp/mountfs
rm -f $ROOT/etc/rc.d/init.d/mountfs
mv $ROOT/tmp/mountfs $ROOT/etc/rc.d/init.d/mountfs
chmod +x $ROOT/etc/rc.d/init.d/mountfs

# Move current mounts to directories accessible in the new root
cd /mnt
for dir in $(ls -1); do
if [ " $ {dir }" != "rootfs" ]; then
mkdir -p $ {ROOT }/mnt/.boot/ $ {dir }
mount –move /mnt/ $ {dir } $ {ROOT }/mnt/.boot/ $ {dir }
fi
done
cd /

# Run secondary initialization (if the system provides it)
if [ -x $ {ROOT }/usr/share/live/sec _init.sh ]; then
. $ {ROOT }/usr/share/live/sec _init.sh
fi

# Clean up
umount /proc

# Switch to the new root and launch INIT!
exec switch _root -c /dev/console $ {ROOT } /sbin/init
```

REFERENCES
==========

[6] [1]https://lkml.org/lkml/2020/3/14/22

[7] [2]http://lkml.iu.edu/hypermail/linux/kernel/2003.1/07820.html

[8] [3]https://marc.info/?l=linux-kernel &m=158423592128029 &w=2

1. `https://lkml.org/lkml/2020/3/14/22`
2. `http://lkml.iu.edu/hypermail/linux/kernel/2003.1/07820.html`
3. `https://marc.info/?l=linux-kernel&m=158423592128029&w=2`

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How to create a Bootable Live CD/DVD from your Linux From Scratch (LFS) build (2020-03-15 01:04) - Turritopsis Dohrnii Teo En Ming

Subject of Hint: How to create a Bootable Live CD/DVD from your Linux From Scratch (LFS) build

Good day from Singapore,

I am Mr. Turritopsis Dohrnii Teo En Ming, based in Singapore.

I have recently *successfully* created my own custom Linux distribution called Teo En Ming Linux 2020.03 (FINAL), which is based on
Linux From Scratch 20200302-systemd book and Linux Kernel 5.5.7, on 12 March 2020.

You may refer to my redundant blog posts for the announcement.

Blogger: Announcing Teo En Ming Linux 2020.03 (FINAL)
Link: https://tdtemcerts.blogspot.com/2020/03/announcing-teo-en-ming-linux-202003.h tml

Wordpress: Announcing Teo En Ming Linux 2020.03 (FINAL)
Link: https://tdtemcerts.wordpress.com/2020/03/12/announcing-teo-en-ming-linux-2020 -03-final/

Jimmy Anderson's guide/hint was written on 20 Jan 2013, which is more than 7 years ago. Today is 14 March 2020 Saturday. Therefore, his guide is definitely outdated
and needs some tweaking to adapt to the *latest* LFS system at the time of this writing.

Jimmy Anderson's guide/hint was verified with LFS version 7.2. I have made *extensive* modifications to his guide/hint to work with my LFS 20200302-systemd build.

You can download Teo En Ming Linux 2020.03 (FINAL) Bootable Live CD/DVD ISOs from the following github.com link.

Link: https://github.com/teo-en-ming/teo-en-ming-linux/blob/master/iso %20download %20links.txt

Note: Please note that my Live CD/DVD boots with a Kernel Panic. I hope that Linux experts will be able to download my ISO, examine its contents and find out what's wrong.
I would like to thank all of you in advance for your kind assistance and advise.

========== -
==========
==========

The attached file is a new hint which describes how to turn your LFS build
into your own Live CD/DVD.
———— next part ————
An HTML attachment was scrubbed...
URL: <http://lists.linuxfromscratch.org/pipermail/hints/attachments/20130320/5714c b82/attachment.html>
———— next part ————

ORIGINAL AUTHOR: Jimmy Anderson (jimmy.anderson1057 at gmail.com)
ORIGINAL DATE: 2013-01-20
Link to original hint: http://lists.linuxfromscratch.org/pipermail/hints/2013-March/003307.html

EDITED BY: Turritopsis Dohrnii Teo En Ming, Singapore

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EDIT DATE: 14 MARCH 2020, SATURDAY

LICENSE:

Portions of the instructions in this hint were derived from scripts
in the LFScript project. These scripts are covered by the following
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SYNOPSIS: How to create a bootable Live CD/DVD from your LFS build.

DESCRIPTION:

This hint describes how to create a live CD/DVD from your LFS build. The
resulting live CD/DVD can be used as an LFS/CLFS build host or for whatever
purpose you desire.

Briefly, you will build your LFS system and a "squashed" version
of it will be created. A busybox based ramdisk will be created
which sets up a union mount (either aufs or unionfs) of the squashed
LFS system with a ram based file system and then the system will be
started with the union filesystem as root.

unionfs and aufs are not part of the standard kernel code. To build
a live cd/dvd you must patch your kernel to add support for one or the other.
This hint will still work without aufs or unionfs support but the result
will not be a live CD/DVD but instead be a bootable CD/DVD (useful but
with lesser ability than a live cd/dvd). Teo En Ming *did not* patch Linux kernel 5.5.7
to add support for aufs or unionfs filesystems because he did not have the knowledge to tweak
the patches.

The original hint was verified with LFS 7.2 x86 (32 and 64 bit). It may
(likely will) work with other LFS versions also but it only was

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specifically tested with 7.2 and you are on your own to work out how
to make it work with other LFS versions. Teo En Ming has modifed this guide/hint to allow it
to work with the latest LFS 20200302-systemd development book.

A description of each step and cut and paste for that
step is provided. Cut and pasting should make it easier to build a live cd/dvd
but it is important that you understand what the purpose of each step
is. Blindly cutting and pasting from this hint will probably not
result in success.

Following this hint, like doing pretty much anything in LFS, has the
potential of damaging your system. Before you begin, make sure
you've saved a copy of any data that is important to you. It's also suggested
to follow this procedure on a system that is used only by you so that any
errors will not affect others.

ATTACHMENTS:
None

PREREQUISITES:

This hint assumes the reader is familiar with Linux From Scratch (LFS).

Much of this hint assumes that the LFS variable is properly set. So,
when following this hint, at all times make sure LFS is set properly:

export LFS=/mnt/lfs (or as needed for your setup)

HINT:

Step 1) Download additional needed packages.

This step is done on the HOST (not in LFS chroot).

You will need some additional packages. Download the squashfs tools,
busybox and syslinux. The squashfs tools will be needed on the host.

#———— Cut and Paste start
cd /home/teo-en-ming/Downloads
wget -4 https://sourceforge.net/projects/squashfs/files/squashfs/squashfs4.4/squashfs 4.4.tar.gz/download
wget -4 https://busybox.net/downloads/busybox-1.31.1.tar.bz2
wget -4 http://www.kernel.org/pub/linux/utils/boot/syslinux/syslinux-4.06.tar.xz
#———— Cut and Paste end

Additionally, the addendum of this hint contains a script that is
required for the live cd/dvd. Save the addendum of this hint as:

$LFS/sources/init.sh

Note: You can skip the aufs/unionfs kernel patch altogether if a

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more simple bootable CD/DVD is adequate for your needs.

Step 2) Add squashfs tools to your host. (Do this on your HOST)

Teo En Ming's host operating system is Ubuntu 18.04.3 LTS Desktop Edition.

If you are running a host distribution which provides prepackaged
squashfs tools, you may be able to use them. However they must be
at least version 4.1 to work properly with this hint.

It is recommended however, that you build squashfs tools 4.4 from
the source. This hint was tested with squashfs tools 4.4 and better
(xz) compression is obtained with 4.4 (compared with 4.1). To build the
squashfs tools do:

#————— Cut and Paste start
cd /home/teo-en-ming/Downloads
tar xvfz squashfs4.4.tar.gz
cd squashfs4.4/squashfs-tools
Edit Makefile as follows:
XZ _SUPPORT = 1
COMP _DEFAULT = xz
sudo apt install liblzma-dev
make
sudo make install
mksquashfs -version
#————— Cut and Paste end

The version string displayed should be 4.4. If not, you may need to
adjust your PATH so that $HOME/bin appears first in it.

If you are on a single user system, or if no other version of
squashfs tools exists, squashfs tools could be installed in /usr/bin
or /usr/local/bin rather than $HOME/bin.

If the lzma libraries are not installed, the build of squashfs-tools
will fail. To resolve it, either install the lzma libraries or
rebuild squashfs without xz support. squashfs (and this hint) can operate
properly without xz support but without xz support, the resulting
live CD/DVD iso size will be somewhat larger.

Step 3) Build your LFS system and kernel.

Follow the instructions in the LFS/BLFS book and build your LFS system
as you normally would.

When you configure the kernel, make sure the following are enabled
as builtins (not as modules):

SQUASHFS support (and support for SQUASHFS XZ compressed file systems).
UNIONFS or AUFS support (Teo En Ming *did not* patch Linux Kernel 5.5.7 for AUFS or UNIONFS support).

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CDROM support (ISO9660).
DEVTMPFS support.

Then build and install as normal:
#———— Cut and Paste start
make
make modules _install
cp arch/x86/boot/bzImage /boot/vmlinuz-5.5.7-turritopsis.dohrnii.teo.en.ming
cp .config /boot/config-5.5.7
#———— Cut and Paste end

Additionally, /etc/fstab needs some tweaks for a live cd/dvd.
Edit /etc/fstab and comment out all hard drive mounts.
But leave the virtual filesystem mounts (/proc and such) in it:
#———— Cut and Paste start
Teo En Ming's favorite text editor in Linux is nano.
nano /etc/fstab
>> comment out any hard drive mounts <<
#———— Cut and Paste end

Build and configure the remainder of your LFS system as normal.

Step 4) Build busybox in your LFS.

While inside the chroot environment add busybox to your
LFS system:

ERROR compiling busybox with glibc-2.31: "sys-apps/busybox-1.31.1 fails to compile with sys-devel/glibc-2.31"

Software Bug Link: https://bugs.gentoo.org/708350

Link to patch file: https://708350.bugs.gentoo.org/attachment.cgi?id=611780

===Start File busybox-glibc-2.31.patch===

diff –git a/coreutils/date.c b/coreutils/date.c
index 3414d38ae..4ade6abb4 100644
— a/coreutils/date.c
+++ b/coreutils/date.c
@@ -279,6 +279,9 @@ int date _main(int argc UNUSED _PARAM, char **argv)

time(&ts.tv _sec);
#endif

}
+ #if !ENABLE _FEATURE _DATE _NANO
+

ts.tv _nsec = 0;
+ #endif

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```
localtime _r( &ts.tv _sec, &tm _time);


/* If date string is given, update tm _time, and maybe set date */
@@ -301,9 +304,10 @@ int date _main(int argc UNUSED _PARAM, char **argv)

if (date _str[0] != ’@’)

tm _time.tm _isdst = -1;

ts.tv _sec = validate _tm _time(date _str, &tm _time);
+
ts.tv _nsec = 0;


/* if setting time, set it */
-
if ((opt & OPT _SET) & & stime( &ts.tv _sec) < 0) {
+
if ((opt & OPT _SET) & & clock _settime(CLOCK _REALTIME, &ts) < 0) {

bb _perror _msg("can’t set date");

}

}
diff –git a/libbb/missing _syscalls.c b/libbb/missing _syscalls.c
index 87cf59b3d..dc40d9155 100644
— a/libbb/missing _syscalls.c
+++ b/libbb/missing _syscalls.c
@@ -15,14 +15,6 @@ pid _t getsid(pid _t pid)

return syscall( _ _NR _getsid, pid);
}

-int stime(const time _t *t)
- {
-
struct timeval tv;
-
tv.tv _sec = *t;
-
tv.tv _usec = 0;
-
return settimeofday( &tv, NULL);
- }
-
```

```
int sethostname(const char *name, size _t len)
{

return syscall( _ _NR _sethostname, name, len);
diff –git a/util-linux/rdate.c b/util-linux/rdate.c
index 70f829e7f..878375d78 100644
— a/util-linux/rdate.c
+++ b/util-linux/rdate.c
@@ -95,9 +95,13 @@ int rdate _main(int argc UNUSED _PARAM, char **argv)

if (!(flags & 2)) { /* no -p (-s may be present) */

if (time(NULL) == remote _time)

bb _error _msg("current time matches remote time");
-
else
-
if (stime( &remote _time) < 0)
+
else {
+
struct timespec ts;
+
ts.tv _sec = remote _time;
+
ts.tv _nsec = 0;
+
if (clock _settime(CLOCK _REALTIME, &ts) < 0)

bb _perror _msg _and _die("can’t set time of day");
+
}

}


if (flags != 1) /* not lone -s */

===End File busybox-glibc-2.31.patch===

#———— Cut and Paste start
cd /sources
tar xvf busybox-1.31.1.tar.bz2
cd busybox-1.31.1
cat ../busybox-glibc-2.31.patch | patch -Np1
make defconfig
```


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```
sed ’s/ # CONFIG _STATIC is not set/CONFIG _STATIC=y/’ -i .config

sed ’s/CONFIG _FEATURE _HAVE _RPC=y/ # CONFIG _FEATURE _HAVE _RPC is not set/’ \
-i .config
sed ’s/CONFIG _FEATURE _MOUNT _NFS=y/ # CONFIG _FEATURE _MOUNT _NFS is not set/’ \
-i .config
sed ’s/CONFIG _FEATURE _INETD _RPC=y/ # CONFIG _FEATURE _INETD _RPC is not set/’ \
-i .config
make
cp -v busybox /bin
#———— Cut and Paste end
```

Step 5) Create ramdisk.

Do this step from inside the LFS chroot environment. This step
creates a busybox based ramdisk. The ramdisk does the work of
creating and mounting the union filesystem and switching to it
for the root file system.

```
#———— Cut and Paste start
cd /sources
echo "Teo En Ming Linux 2020.03 (FINAL) Bootable Live CD/DVD" >id _label
mkdir -pv mnt _init/ {bin,boot }
cp -v id _label mnt _init/boot
cp -v /bin/busybox mnt _init/bin
cp init.sh mnt _init/init
sed -i "s/<ARCH>/ $(uname -m)/g" mnt _init/init
chmod +x mnt _init/init

pushd mnt _init
find . | ./bin/busybox cpio -o -H newc -F ../initramfs.cpio
popd
gzip -9 initramfs.cpio
rm -rf mnt _init
mv initramfs.cpio.gz /boot/initram.fs
mv id _label /boot
#———— Cut and Paste end
```

Step 6) Make a squashed version of your LFS.

This step should be done on the HOST (not inside chroot).

Do any needed cleanup and final tweaking of your LFS system prior to
continuing. Strip any binaries you want stripped, remove any build cruft,
remove $LFS/tools, etc. Add any additional data that you would like
to be present on the live CD/DVD, etc. A base LFS system (without source) turns into only
a 267 megabyte (or thereabouts) size iso, so there should be plenty of
space available for extras.

Exit the chroot and unmount any filesystems that are associated with
the $LFS directory. At this point, it is a good idea to do a system

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shutdown and restart to ensure that the LFS directory is unused and
in a quiescent state. Make sure LFS is set again after the reboot.

```
#————— Cut and Paste start
# Set LFS value as needed...
export LFS=/mnt/lfs
cd /home/teo-en-ming
echo $LFS
rm -f root.sfs
sudo mksquashfs $LFS root.sfs -comp xz
#————— Cut and Paste end
```

(omit the -comp xz if your squashfs tools don’t support xz compression).

Step 7) Add syslinux and create CD/DVD image.

This step should be done on the HOST (not inside chroot).

Setup the isolinux configuration file:

```
#————— Cut and Paste start
cd /home/teo-en-ming

cat > isolinux.cfg << EOF
DEFAULT menu.c32
PROMPT 0
MENU TITLE Select an option...
TIMEOUT 300

LABEL live
MENU LABEL ^Boot Teo En Ming Linux 2020.03 (FINAL) Live CD/DVD ( $(uname -m))
MENU DEFAULT
KERNEL /boot/ $(uname -m)/vmlinuz
APPEND initrd=/boot/ $(uname -m)/initram.fs quiet

LABEL busybox
MENU LABEL ^Boot busybox ( $(uname -m))
KERNEL /boot/ $(uname -m)/vmlinuz
APPEND initrd=/boot/ $(uname -m)/initram.fs quiet busybox

LABEL harddisk
MENU LABEL Boot from first ^Hard disk
LOCALBOOT 0x80

EOF
#————— Cut and Paste end
```

Package the isolinux bootloader, squashed rootfs and ramdisk
into a subdirectory:

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```
#————— Cut and Paste start
tar xf syslinux-4.06.tar.xz
rm -rf live
mkdir -p live/boot/ {isolinux, $(uname -m) }
cp -v syslinux-4.06/core/isolinux.bin live/boot/isolinux
cp -v syslinux-4.06/com32/menu/menu.c32 live/boot/isolinux
mv -v /home/teo-en-ming/isolinux.cfg live/boot/isolinux

cp -v /home/teo-en-ming/root.sfs live/boot/ $(uname -m)
cp -v $LFS/boot/vmlinuz-5.5.7-turritopsis.dohrnii.teo.en.ming live/boot/ $(uname -m)/vmlinuz
cp -v $LFS/boot/id _label live/boot/ $(uname -m)
cp -v $LFS/boot/initram.fs live/boot/ $(uname -m)/initram.fs

#————— Cut and Paste end
```

Create the live CD/DVD iso image using whatever iso creation tool you have. In this example, it is 'genisoimage':

```
#————— Cut and Paste start
genisoimage -o teo-en-ming-linux-2020.03-final-live-cd-dvd.iso \
-b boot/isolinux/isolinux.bin \
-c boot.cat \
-no-emul-boot \
-boot-load-size 4 \
-boot-info-table \
-joliet -l -R \
live

rm -rf live # # # OPTIONAL
#————— Cut and Paste end
```

Step 8) Burn and boot.

Burn the iso using whatever cd/dvd writing tools you prefer. Teo En Ming uses k3b. Reboot the system with the CD/DVD inserted and it should boot into your live CD/DVD.

Step 9) Usage

The CD/DVD boot menu allows you to boot busybox or the live cd/dvd. Busybox may be useful if debugging or experimenting is needed.

You can use the live cd/dvd to inject your LFS image onto the target computer (rather than rebuilding from scratch..) First, mount /dev/cdrom somewhere. In the boot subdirectory in the cd image, you will find the root.sfs file. root.sfs is your LFS system in a squashed format. To install it into the target, either use the unsquashfs tools to uncompress it onto the target computer system or loop mount the root.sfs file and then use tar or some other directory copy tool to inject it into the target computer.

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ACKNOWLEDGEMENTS:
The LFS from script project (http://lfscript.org/wiki/index.php/Main _Page)
The LFS project (http://www.linuxfromscratch.org/lfs/)

CHANGELOG:
[2013-01-20]
Initial hint by Jimmy Anderson.
[2020-03-14]
Modifications by Turritopsis Dohrnii Teo En Ming, Singapore

ADDENDUM: v Cut and save the remainder of this file as $LFS/sources/init.sh v

```
#!/bin/busybox sh
#
# This file is a modified version of:
#
# Initramfs boot script 1.3.1 (2012-02-09)
# Copyright (c) 2010-2012 Marcel van den Boer
#
# Permission is hereby granted, free of charge, to any person obtaining a copy
# of this software and associated documentation files (the "Software"), to
# deal in the Software without restriction, including without limitation the
# rights to use, copy, modify, merge, publish, distribute, sublicense, and/or
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# IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY,
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# AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER
# LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING
# FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS
# IN THE SOFTWARE.

# FS layout at the start of this script:
# - /boot/id _label
# - /bin/busybox
# - /dev/console (created by kernel)
# - /init (this file)

set -e

ARCH="<ARCH>"

# # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # #
copyBindMount() { # COPY/BIND LIVECD MODE #
# # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # #

# This function bind-mounts directories which are designed to be capable of
# read-only access and copies the remaining directories to a tmpfs.
#
```


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```
# The downside of this method is that the resulting root filesystem is not
# fully writable. So, for example, installation of new programs will not be
# possible.
#
# However, this function can be used without any modification to the kernel and
# is therefore perfect for use as a fallback if other options are not available.

# Mount a tmpfs where the new rootfs will be.
mount -t tmpfs tmpfs $ {ROOT } # Allows remounting root in the bootscripts

# Bind mount read-only filesystems, copy the rest
cd /mnt/system
for dir in $(ls -1); do
case $ {dir } in
lost+found)
;;
bin | boot | lib | opt | sbin | usr)
mkdir $ {ROOT }/ $ {dir }
mount –bind $ {dir } $ {ROOT }/ $ {dir }
;;
)
cp -R $ {dir } $ {ROOT }
;;
esac
done
cd /

# # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # #
}; unionMount() { # UNIONFS/AUFS LIVECD MODE #
# # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # #

# A union mount takes one or more directories and combines them transparantly
# in a third. This function creates a writable directory in memory (tmpfs) and
# uses it to overlay the read-only system image, resulting in a fully writable
# root file system.
#
# The only downside to this method is that it requires a union type filesystem
# in the kernel, which can only be accomplished by patching the kernel as there
# is no such feature in a vanilla kernel.

mkdir -p /mnt/writable
mount -t tmpfs -o rw tmpfs /mnt/writable

UNIONFSOPT="/mnt/writable=rw:/mnt/system=ro"
AUFSOPT="/mnt/writable=rw:/mnt/system=ro"
mount -t unionfs -o dirs= $ {UNIONFSOPT } unionfs $ {ROOT } 2> /dev/null || \
mount -t aufs -o br= $ {AUFSOPT } none $ {ROOT } 2> /dev/null || \
{
# If UnionFS fails, fall back to copy/bind mounting
copyBindMount
}

# # # # # # # # # # # # # # # # # # # # #
```

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```
} # END OF FUNCTIONS #
# # # # # # # # # # # # # # # # # # # # #

# Make required applets easier to access
for applet in cat chmod cp cut grep ls mkdir mknod mount umount switch _root \
rm mv vi cpio tar mke2fs sync fdisk dd ; do
/bin/busybox ln /bin/busybox /bin/ $ {applet }
done

# Clear the screen
#clear # Don't! This will clear the Linux boot logo when using a framebuffer.
# If you want to clear the screen on boot add the "clear" command to
# '/usr/share/live/sec _init.sh' in the system image.

# Create device nodes required to run this script
# Note: /dev/console will already be available in the ramfs
mknod /dev/null c 1 3

mknod /dev/scd0 b 11 0 # +———
mknod /dev/scd1 b 11 1 # |
mknod /dev/scd2 b 11 2 # |
mknod /dev/scd3 b 11 3 # |
# |
mknod /dev/hdc b 22 0 # |
# |
mknod /dev/sda b 8 0 # |
mknod /dev/sda1 b 8 1 # |
mknod /dev/sda2 b 8 2 # |
mknod /dev/sda3 b 8 3 # |
mknod /dev/sda4 b 8 4 # |
# |
mknod /dev/sdb b 8 16 # | <—-
mknod /dev/sdb1 b 8 17 # | Devices which could be or contain the
mknod /dev/sdb2 b 8 18 # | boot medium...
mknod /dev/sdb3 b 8 19 # |
mknod /dev/sdb4 b 8 20 # |
# |
mknod /dev/sdc b 8 32 # |
mknod /dev/sdc1 b 8 33 # |
mknod /dev/sdc2 b 8 34 # |
mknod /dev/sdc3 b 8 35 # |
mknod /dev/sdc4 b 8 36 # |
# |
mknod /dev/sdd b 8 48 # |
mknod /dev/sdd1 b 8 49 # |
mknod /dev/sdd2 b 8 50 # |
mknod /dev/sdd3 b 8 51 # |
mknod /dev/sdd4 b 8 52 # +———

# Create mount points for filesystems
mkdir -p /mnt/medium
mkdir -p /mnt/system
mkdir -p /mnt/rootfs
```


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```
# Mount the /proc filesystem (enables filesystem detection for ’mount’)
mkdir /proc
mount -t proc proc /proc

# Invoke busybox if requested via the kernel command line.
if [ ‘grep -c "busybox" /proc/cmdline‘ -ne "0" ]; then
echo "Busybox requested";
busybox sh
fi

# Search for, and mount the boot medium
LABEL=" $(cat /boot/id _label)"
for device in $(ls /dev); do
[ " $ {device }" == "console" ] & & continue
[ " $ {device }" == "null" ] & & continue

mount -o ro /dev/ $ {device } /mnt/medium 2> /dev/null & & \
if [ " $(cat /mnt/medium/boot/ $ {ARCH }/id _label)" != " $ {LABEL }" ]; then
umount /mnt/medium
else
DEVICE=" $ {device }"
break
fi
done

if [ " $ {DEVICE }" == "" ]; then
echo "FATAL: Boot medium not found."
/bin/busybox sh
fi

# Mount the system image
mount -t squashfs -o ro,loop /mnt/medium/boot/ $ {ARCH }/root.sfs /mnt/system || {
echo "FATAL: Boot medium found, but system image is missing."
/bin/busybox sh
}

# Define where the new root filesystem will be
ROOT="/mnt/rootfs" # Also needed for /usr/share/live/sec _init.sh

# Run in bootable cd mode if requested via the kernel command line.
if [ ‘grep -c "bootcd" /proc/cmdline‘ -ne "0" ]; then
echo "Bootcd mode (bind mount) requested";
copyBindMount
else
# Select LiveCD mode
unionMount # Might fall back to copyBindMount
fi

# Tell LFS to skip fsck during startup:
> $ROOT/fastboot

# Get rid of / manipulations in mountfs script:
```

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```
grep -v ' \/ ' $ROOT/etc/rc.d/init.d/mountfs > $ROOT/tmp/mountfs
rm -f $ROOT/etc/rc.d/init.d/mountfs
mv $ROOT/tmp/mountfs $ROOT/etc/rc.d/init.d/mountfs
chmod +x $ROOT/etc/rc.d/init.d/mountfs

# Move current mounts to directories accessible in the new root
cd /mnt
for dir in $(ls -1); do
if [ " $ {dir }" != "rootfs" ]; then
mkdir -p $ {ROOT }/mnt/.boot/ $ {dir }
mount –move /mnt/ $ {dir } $ {ROOT }/mnt/.boot/ $ {dir }
fi
done
cd /

# Run secondary initialization (if the system provides it)
if [ -x $ {ROOT }/usr/share/live/sec _init.sh ]; then
. $ {ROOT }/usr/share/live/sec _init.sh
fi

# Clean up
umount /proc

# Switch to the new root and launch INIT!
exec switch _root -c /dev/console $ {ROOT } /sbin/init
```

REFERENCES
==========

[1] [1]https://github.com/teo-en-ming/teo-en-ming-linux/blob/master/How %20to %20create %20a %20Bootable %20Live %20CD-DVD %20from %20your %20Linux %20From %20Scratch %20(LFS) %20build.txt

[2] [2]http://lists.linuxfromscratch.org/pipermail/hints/2020-March/003334.ht ml

[3] [3]http://lists.linuxfromscratch.org/pipermail/blfs-support/2020-March/08 1859.html

[4] [4]http://lists.linuxfromscratch.org/pipermail/lfs-support/2020-March/053 535.html

[5] [5]http://lists.linuxfromscratch.org/pipermail/lfs-chat/2020-March/029101 .html

1. https://github.com/teo-en-ming/teo-en-ming-linux/blob/master/How%20to%20create%20a%20Bootable%20Live%20CD-DVD%20from%20your%20Linux%20From%20Scratch%20(LFS)%20b
2. http://lists.linuxfromscratch.org/pipermail/hints/2020-March/003334.html
3. http://lists.linuxfromscratch.org/pipermail/blfs-support/2020-March/081859.html
4. http://lists.linuxfromscratch.org/pipermail/lfs-support/2020-March/053535.html
5. http://lists.linuxfromscratch.org/pipermail/lfs-chat/2020-March/029101.html

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Teo En Ming is the John Forbes Nash of Singapore (2020-03-14 00:42) - Turritopsis Dohrnii Teo En Ming

Teo En Ming is the John Forbes Nash of Singapore.

John Forbes Nash is a brilliant American mathematician who won the Nobel Prize for Economic Science.

John Forbes Nash is a Targeted Individual.

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Teo En Ming is more intelligent than world famous former NSA computer expert Edward Joseph Snowden (2020-03-14 00:26) - Turritopsis Dohrnii Teo En Ming

Teo En Ming is more intelligent than world famous former NSA computer expert Edward Joseph Snowden.

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Does Linux Kernel 5.5.7 Have Automatic Built-in Support for aufs and unionfs Filesystems?

(2020-03-14 00:23) - Turritopsis Dohrnii Teo En Ming

Good morning from Singapore,

Does Linux Kernel 5.5.7 have automatic built-in support for aufs and unionfs filesystems? Or do I need to apply the aufs and unionfs patches as outlined in the following year 2013 guide?

Guide: "New hint submission: Build your own LFS livecd."

Link:
[1]http://lists.linuxfromscratch.org/pipermail/hints/2013-March/003307.html

I have just created my own custom Linux distribution called Teo En Ming Linux 2020.03 (FINAL), which is based on Linux From Scratch 20200302-systemd and Linux Kernel 5.5.7. I am trying to create a bootable Live CD/DVD iso of Teo En Ming Linux 2020.03 (FINAL).

Hopefully I do not have to patch Linux Kernel 5.5.7 to enable support for aufs and unionfs filesystems.

Nonetheless, compiling Linux Kernel 5.5.7 took only a mere 19 minutes on my latest state-of-the-art AMD Ryzen 3 3200G processor with Radeon Vega 8 Graphics and Gigabyte B450M DS3H Socket AM4 motherboard with 32 GB Transcend DDR4-2666 RAM.

Please advise.

Thank you.

REFERENCES

==========

[1] [2]https://lkml.org/lkml/2020/3/13/680

[2] [3]http://lkml.iu.edu/hypermail/linux/kernel/2003.1/07258.html

[3] [4]https://marc.info/?l=linux-kernel&m=158411559425342&w=2

1. http://lists.linuxfromscratch.org/pipermail/hints/2013-March/003307.html
2. https://lkml.org/lkml/2020/3/13/680
3. http://lkml.iu.edu/hypermail/linux/kernel/2003.1/07258.html
4. https://marc.info/?l=linux-kernel&m=158411559425342&w=2

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[blfs-support] Is it possible to make a live bootable DVD iso of my basic linux from scratch (lfs) system? (2020-03-14 00:20) - Turritopsis Dohrnii Teo En Ming

```
Subject: Is it possible to make a live bootable DVD iso of my basic
linux from scratch (lfs) system?

Good evening from Singapore,

Is it possible to make a live bootable DVD iso of my basic linux from
scratch (lfs) system? I would like to run the
live bootable dvd iso on virtual machines or other physical machines.

Please refer to my previous blfs-support mailing list post.

Post: How can I make an efficient backup or clone of my basic linux from
scratch (lfs) system?

URL:
[1]http://lists.linuxfromscratch.org/pipermail/blfs-support/2020-March/081849.h
tml

Please advise.

Thank you very much.
```

REFERENCES

==========

[1]
[2]http://lists.linuxfromscratch.org/pipermail/blfs-support/2020-March/081850.h
tml

1. http://lists.linuxfromscratch.org/pipermail/blfs-support/2020-March/081849.html
2. http://lists.linuxfromscratch.org/pipermail/blfs-support/2020-March/081850.html

[blfs-support] How can I make an efficient backup or clone of my basic linux from scratch (lfs) system? (2020-03-14 00:18) - Turritopsis Dohrnii Teo En Ming

```
Subject: How can I make an efficient backup or clone of my basic linux
from scratch (lfs) system?

Good evening from Singapore,

I have just completed building my basic linux from scratch system on my
Toshiba 1 TB 3.5 inch internal SATA harddisk /dev/sdb.

There are 3 partitions in /dev/sdb. The whole harddisk /dev/sdb is 1
terabytes (TB).

/dev/sdb1 is the EFI partition (512 MB). FAT32 filesystem.

/dev/sdb2 is the LFS root partition (30 GB). ext4 filesystem.

/dev/sdb3 is the swap parition (1.5 GB).

You may refer to my redundant blog posts.

Blogger: Announcing Teo En Ming Linux 2020.03 (FINAL)

Link:
[1]https://tdtemcerts.blogspot.com/2020/03/announcing-teo-en-ming-linux-202003.
html

Wordpress: Announcing Teo En Ming Linux 2020.03 (FINAL)

Link:
[2]https://tdtemcerts.wordpress.com/2020/03/12/announcing-teo-en-ming-linux-202
0-03-final/

How can I make an efficient backup or clone of my basic lfs system?

Should I backup/clone /dev/sdb2 only, or backup/clone /dev/sdb1 +
/dev/sdb2, or backup/clone /dev/sdb1 + /dev/sdb2 + /dev/sdb3?

/dev/sdb3 does not include any useful information. It is just a swap
partition.

What backup or cloning software should I use? Is dd sufficient? What is
the proper command for dd?

Currently i am using the following command only:

$ sudo dd if=/dev/sdb2
of=/home/teo-en-ming/teo-en-ming-linux-2020.03-final-dd.img

Please advise.

Thank you very much.
```


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REFERENCES

==========

[1]
[3]http://lists.linuxfromscratch.org/pipermail/blfs-support/2020-March/081849.h
tml

1. https://tdtemcerts.blogspot.com/2020/03/announcing-teo-en-ming-linux-202003.html
2. https://tdtemcerts.wordpress.com/2020/03/12/announcing-teo-en-ming-linux-2020-03-final/
3. http://lists.linuxfromscratch.org/pipermail/blfs-support/2020-March/081849.html

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Announcing Teo En Ming Linux 2020.03 (FINAL) (2020-03-12 23:13) - Turritopsis Dohrnii Teo En Ming

Subject: Announcing Teo En Ming Linux 2020.03 (FINAL)

12 MARCH 2020 THURSDAY
SINGAPORE, SINGAPORE

ANNOUNCEMENT
==========

I have just created my own custom Linux distribution called Teo En Ming Linux 2020.03 (FINAL), which is based on
Linux From Scratch 20200302-systemd and Linux Kernel 5.5.7, all compiled from sources.

You may want to watch a short 6-min YouTube video of the live demo of Teo En Ming Linux 2020.03 (FINAL) at the following URL:

[1]https://www.youtube.com/watch?v=WfKh2WlmzKo

Redundant YouTube video:

[2]https://www.youtube.com/watch?v=U6csdSCrKnI

Live bootable DVD iso will be available for download soon. Stay tuned for download links.

REFERENCES
==========

[1] Linux From Scratch, Version 20200302-systemd, Published March 2nd, 2020

Link: [3]http://www.linuxfromscratch.org/lfs/view/systemd/index.html

[2] Linux kernel version suffix + CONFIG _LOCALVERSION

Link: [4]https://unix.stackexchange.com/questions/194129/linux-kernel-version-s uffix-config-localversion

[3] [SOLVED] Can not boot lfs

Link: [5]https://www.linuxquestions.org/questions/linux-from-scratch-13/can-not -boot-lfs-4175627243/

[4] USING GRUB ON UEFI (***MOST IMPORTANT TOPIC***)

Link: [6]http://www.linuxfromscratch.org/hints/downloads/files/lfs-uefi.txt

[5] Beyond Linux® From Scratch (systemd Edition), Version 2020-03-10

Link: [7]http://www.linuxfromscratch.org/blfs/view/systemd/

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REFERENCES
==========

[1] [8]https://lkml.org/lkml/2020/3/12/652

[2] [9]http://lkml.iu.edu/hypermail/linux/kernel/2003.1/05920.html

[3] [10]https://marc.info/?l=linux-kernel &m=158402524426055 &w=2

[4] [11]http://lists.linuxfromscratch.org/pipermail/lfs-chat/2020-Mar ch/029100.html

1. https://www.youtube.com/watch?v=WfKh2WlmzKo
2. https://www.youtube.com/watch?v=U6csdSCrKnI
3. http://www.linuxfromscratch.org/lfs/view/systemd/index.html
4. https://unix.stackexchange.com/questions/194129/linux-kernel-version-suffix-config-localversion
5. https://www.linuxquestions.org/questions/linux-from-scratch-13/can-not-boot-lfs-4175627243/
6. http://www.linuxfromscratch.org/hints/downloads/files/lfs-uefi.txt
7. http://www.linuxfromscratch.org/blfs/view/systemd/
8. https://lkml.org/lkml/2020/3/12/652
9. http://lkml.iu.edu/hypermail/linux/kernel/2003.1/05920.html
10. https://marc.info/?l=linux-kernel&m=158402524426055&w=2
11. http://lists.linuxfromscratch.org/pipermail/lfs-chat/2020-March/029100.html

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Amazon Web Services Cloud Uses Open Source Xen Virtualization Project (2020-03-01 20:30) - Turritopsis Dohrnii Teo En Ming

Subject: Amazon Web Services Cloud Uses Open Source Xen Virtualization Project

System Information on the Dashboard of my CentOS Web Panel Web Hosting Control Panel:

CPU Model: Intel(R) Xeon(R) CPU E5-2676 v3 @ 2.40GHz
CPU Details: 1 Core (2400 MHz)
Distro Name: CentOS Linux release 7.7.1908 (Core)
Kernel Version: 3.10.0-1062.12.1.el7.x86 _64
Platform: x86 _64 xenxen-hvmaws
Uptime: 4 days, 19:42
Server Time: Sun Mar 1 20:02:08 +08 2020

For your information.

REFERENCES
==========

[1] [1]https://marc.info/?l=xen-users &m=158306493828248 &w=2

1. https://marc.info/?l=xen-users&m=158306493828248&w=2

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I am going to embark on creating my own custom Linux distro called Teo En Ming Linux

(2020-03-01 17:25) - Turritopsis Dohrnii Teo En Ming

Subject: I am going to embark on creating my own custom Linux distro called Teo En Ming Linux

MR. TURRITOPSIS DOHRNII TEO EN MING, SINGAPORE
1ST MARCH 2020 SUNDAY

Announcement
==========

This is going to be my next Infocomms Technology (ICT) project.

I am going to create my own custom Linux distribution called Teo En Ming Linux.

Basically, I have no idea how long I will take to complete this project. It could be 1 month, 1 year, or 5000 CENTILLION years :)

The Linux From Scratch (LFS) book will form the basis of Teo En Ming Linux.

Teo En Ming Linux will have the latest Linux kernel 5.5.7 at the time of this writing.

My hobby is ICT.

Thank you.

End of Announcement.

REFERENCES
==========

[1] [1]https://lkml.org/lkml/2020/3/1/50

[2] [2]http://lkml.iu.edu/hypermail/linux/kernel/2003.0/00050.html

[3] [3]https://marc.info/?l=linux-kernel &m=158305424025879 &w=2

[4] [4]http://lists.linuxfromscratch.org/pipermail/lfs-chat/2020-Marc h/029099.html

1. https://lkml.org/lkml/2020/3/1/50
2. http://lkml.iu.edu/hypermail/linux/kernel/2003.0/00050.html
3. https://marc.info/?l=linux-kernel&m=158305424025879&w=2
4. http://lists.linuxfromscratch.org/pipermail/lfs-chat/2020-March/029099.html

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[YOUTUBE] Li Yitong: Standard Model Beauty of Quantum Physics (2020-03-01 17:01) - Turritopsis Dohrnii Teo En Ming

[YOUTUBE] Li Yitong: Standard Model Beauty of Quantum Physics

Li Yitong stars in the Legend of the Condor Heroes (2017).

2017 MV [BGM:]

Link: [1]https://www.youtube.com/watch?v=-5FUKBdnM1I

1. https://www.youtube.com/watch?v=-5FUKBdnM1I

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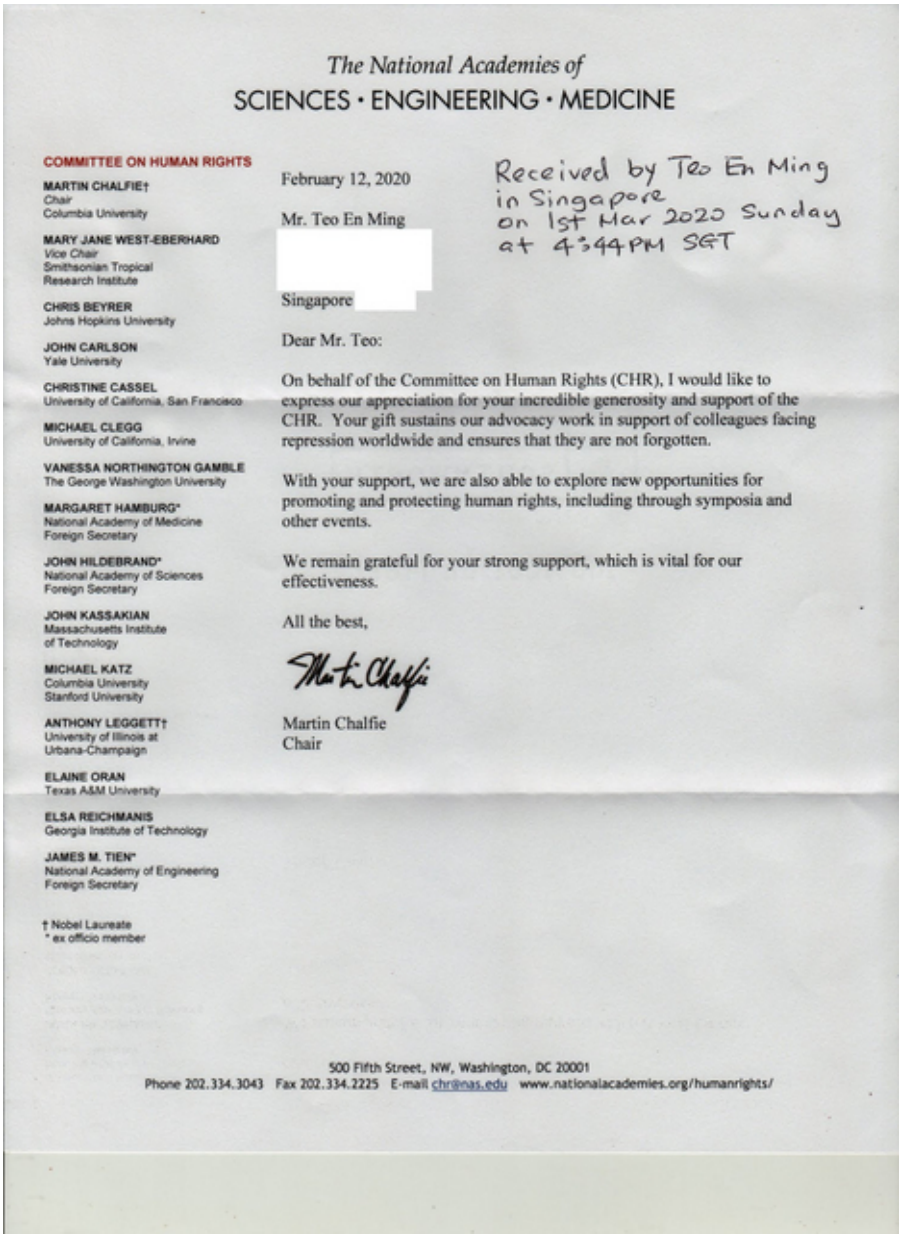
Letter from the National Academy of Sciences Committee on Human Rights dated 12 Feb 2020

(2020-03-01 16:56) - Turritopsis Dohrnii Teo En Ming



The National Academies of
SCIENCES • ENGINEERING • MEDICINE

COMMITTEE ON HUMAN RIGHTS

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† Nobel Laureate
* ex officio member

February 12, 2020

Received by Teo En Ming in Singapore on 1st Mar 2020 Sunday at 4:44PM SGT

Mr. Teo En Ming
[redacted]
Singapore

Dear Mr. Teo:

On behalf of the Committee on Human Rights (CHR), I would like to express our appreciation for your incredible generosity and support of the CHR. Your gift sustains our advocacy work in support of colleagues facing repression worldwide and ensures that they are not forgotten.

With your support, we are also able to explore new opportunities for promoting and protecting human rights, including through symposia and other events.

We remain grateful for your strong support, which is vital for our effectiveness.

All the best,

Martin Chalfie
Chair

500 Fifth Street, NW, Washington, DC 20001
Phone 202.334.3043 Fax 202.334.2225 E-mail chr@nas.edu www.nationalacademies.org/humanrights/

[YOUTUBE] Independence Day (4/5) Movie CLIP - The President’s Speech (1996) HD

(2020-03-01 15:22) - Turritopsis Dohrnii Teo En Ming

[YOUTUBE] Independence Day (4/5) Movie CLIP - The President’s Speech (1996) HD

Link: [1]https://www.youtube.com/watch?v=9t1IK _9apWs

1. `https://www.youtube.com/watch?v=9t1IK_9apWs`

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[YOUTUBE] Armageddon Speech - Best Speech Ever (2020-03-01 15:19) - Turritopsis Dohrnii Teo En Ming

[YOUTUBE] Armageddon Speech - Best Speech Ever

Link: [1]https://www.youtube.com/watch?v=Zje91xTd6Lc

1. `https://www.youtube.com/watch?v=Zje91xTd6Lc`

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Enabling SSL Virtual Hosts on Apache Web Server and Installing Free SSL Certificates on CentOS Web Panel Web Hosting Control Panel (2020-03-01 15:14) - Turritopsis Dohrnii Teo En Ming

Subject: Enabling SSL Virtual Hosts on Apache Web Server and Installing Free SSL Certificates on CentOS Web Panel Web Hosting Control Panel

Author: Mr. Turritopsis Dohrnii Teo En Ming, Singapore
Date: 1st Mar 2020, Sunday

EXTREMELY DETAILED INSTRUCTIONS OF TEO EN MING'S GUIDE
==========

Login to CentOS Web Panel admin interface.

From the left menu, click WebServer Settings, then click SSL Certificates.

Click the AutoSSL [FREE] tab.

User: enming

Domain: teo-en-ming.com

Check all items in Additional Services.

Click Install SSL.

Click the Configure tab.

Activate Alerts.

Activate Auto Renovations.

Activate Automatic SSL generation.

Click Save.

Click the AutoSSL [FREE] tab.

User: tocsg

Domain: theonlinecitizens.com

Check all items in Additional Services.

Click Install SSL.

Click Logout.

AutoSSL generation uses Let's Encrypt Free SSL/TLS Certificates.

REFERENCE
==========

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Guide: Enable AutoSSL In CentOS Web Panel

Link: https://www.hostwinds.com/guide/cwp-auto-ssl/

REFERENCES
==========

[1] [1]https://mta.openssl.org/pipermail/openssl-users/2020-March/011 929.html

1. `https://mta.openssl.org/pipermail/openssl-users/2020-March/011929.html`

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CentOS Web Panel (CWP) Apache Web Server Error (2020-03-01 14:47) - Turritopsis Dohrnii Teo En Ming

Subject: CentOS Web Panel (CWP) Apache Web Server Error

Author: Mr. Turritopsis Dohrnii Teo En Ming, Singapore
Date: 1st Mar 2020, Sunday

CentOS Web Panel (CWP) Apache Web Server Error
==========

● httpd.service - Web server Apache
Loaded: loaded (/usr/lib/systemd/system/httpd.service; enabled; vendor preset: disabled)
Active: failed (Result: exit-code) since Sat 2020-02-29 03:08:35 UTC; 10h ago
Process: 13962 ExecStart=/usr/local/apache/bin/apachectl start (code=exited, status=1/FAILURE)

Feb 29 03:08:35 www.teo-en-ming.com systemd[1]: Starting Web server Apache...
Feb 29 03:08:35 www.teo-en-ming.com apachectl[13962]: AH00526: Syntax error on line 86 of /usr/local/apache/conf.d/vhosts/teo-en-ming.com.conf:
Feb 29 03:08:35 www.teo-en-ming.com apachectl[13962]: Invalid command 'SSLProxyEngine', perhaps misspelled or defined by a module not included in the server configuration
Feb 29 03:08:35 www.teo-en-ming.com systemd[1]: httpd.service: control process exited, code=exited status=1
Feb 29 03:08:35 www.teo-en-ming.com systemd[1]: Failed to start Web server Apache.
Feb 29 03:08:35 www.teo-en-ming.com systemd[1]: Unit httpd.service entered failed state.
Feb 29 03:08:35 www.teo-en-ming.com systemd[1]: httpd.service failed.
Feb 29 03:08:35 www.teo-en-ming.com systemd[1]: Unit httpd.service cannot be reloaded because it is inactive.

Teo En Ming's Solution:
==========

Edit /usr/local/apache/conf/httpd.conf

Uncomment the following line:

#LoadModule ssl _module modules/mod _ssl.so

systemctl restart httpd

systemctl status httpd

● httpd.service - Web server Apache
Loaded: loaded (/usr/lib/systemd/system/httpd.service; enabled; vendor preset: disabled)
Active: active (running) since Sat 2020-02-29 14:08:11 UTC; 23s ago
Process: 31335 ExecStart=/usr/local/apache/bin/apachectl start (code=exited, status=0/SUCCESS)
Main PID: 31338 (httpd)
CGroup: /system.slice/httpd.service
├─31338 /usr/local/apache/bin/httpd -k start
├─31339 /usr/local/apache/bin/httpd -k start
├─31340 /usr/local/apache/bin/httpd -k start
└─31341 /usr/local/apache/bin/httpd -k start

Feb 29 14:08:11 www.teo-en-ming.com systemd[1]: Starting Web server Apache...
Feb 29 14:08:11 www.teo-en-ming.com apachectl[31335]: AH00558: httpd: Could not reliably determine the

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server’s fully qualified domain name, using www.teo-en-ming.c...is message
Feb 29 14:08:11 www.teo-en-ming.com systemd[1]: Started Web server Apache.
Hint: Some lines were ellipsized, use -l to show in full.

SOLVED!

REFERENCE
=========

Guide: apache2 Invalid command ’SSLEngine’

Link: https://unix.stackexchange.com/questions/31378/apache2-invalid-command-ssleng ine

REFERENCES
==========

[1] [1]https://marc.info/?l=apache-httpd-users &m=158304512123952 &w=2

1. `https://marc.info/?l=apache-httpd-users&m=158304512123952&w=2`

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4K video rendering speed in Windows 10 virtual machine with GPU passthrough (QEMU/KVM)

(2020-03-01 14:07) - Turritopsis Dohrnii Teo En Ming

4K video rendering speed in Windows 10 virtual machine with GPU passthrough (QEMU/KVM)

Processor: AMD Ryzen 3 3200G with Radeon Vega Graphics

Virtual CPUs: 3

Motherboard: Gigabyte B450M DS3H BIOS version F41

RAM: 16 GB

GPU Passthrough: MSI GeForce GTX1650 4 GB GDDR5

Results:

The time taken to render a 1 hr 39 min 4K video is 3 hr 26 min (4K video rendering speed). This pertains to the NOVA ALL STARS Cheerleading Performance at Suntec City 29 Feb 2020 Sat 4K video.

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[YOUTUBE] NOVA ALL STARS Cheerleading Performance at Suntec City 29 Feb 2020 Sat

(2020-03-01 14:00) - Turritopsis Dohrnii Teo En Ming

[YOUTUBE] NOVA ALL STARS Cheerleading Performance at Suntec City 29 Feb 2020 Sat

Link: [1]https://www.youtube.com/watch?v=yHJT4YAw9nY

4K video taken with Panasonic FZ1000 Mark 2 bridge camera.

1. `https://www.youtube.com/watch?v=yHJT4YAw9nY`

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ET1505 Project for Diploma (Conversion) in Computer Networking at Singapore Polytechnic Year 2017 (2020-03-01 02:39) - Turritopsis Dohrnii Teo En Ming

Primary Subject: ET1505 Project for Diploma (Conversion) in Computer

Networking at Singapore Polytechnic Year 2017

Secondary Subject: [ET1505 Project] Cisco Routers and Switches Actual

Hardware Configuration Files (Version 9 *FINAL SUBMISSION*)

REFERENCES:

[1] [1]http://lkml.iu.edu/hypermail/linux/kernel/1910.1/04476 .html

[2] [2]https://lists.freebsd.org/pipermail/freebsd-chat/2019-October/007370.h tml

[3] [3]http://lists.linuxfromscratch.org/pipermail/lfs-chat/2019-October/0290 44.html

TAGS: CCNA CISCO CERTIFIED NETWORK ASSOCIATE

1. http://lkml.iu.edu/hypermail/linux/kernel/1910.1/04476.html
2. https://lists.freebsd.org/pipermail/freebsd-chat/2019-October/007370.html
3. http://lists.linuxfromscratch.org/pipermail/lfs-chat/2019-October/029044.html

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BBC News: Study: US is an oligarchy, not a democracy???????????? (2020-03-01 02:25) - Turritopsis Dohrnii Teo En Ming

BBC News: Study: US is an oligarchy, not a democracy????????????

Link: [1]https://www.bbc.com/news/blogs-echochambers-27074746

1. https://www.bbc.com/news/blogs-echochambers-27074746

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Re-configuring BIND DNS Servers for CentOS Web Panel Web Hosting Control Panel on Amazon AWS Cloud **(2020-03-01 00:37) - Turritopsis Dohrnii Teo En Ming**

Re-configuring BIND DNS Servers for CentOS Web Panel Web Hosting Control Panel on Amazon AWS Cloud

REFERENCES
==========

[16] [1]https://lists.isc.org/pipermail/bind-users/2020-February/1027 18.html

1. https://lists.isc.org/pipermail/bind-users/2020-February/102718.html

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Prime Minister Cao Cao Chose Immortality Over Becoming Emperor of Ancient China

(2020-03-01 00:20) - Turritopsis Dohrnii Teo En Ming

I recall reading somewhere that Prime Minister Cao Cao chose immortality over becoming Emperor of Ancient China, but I can’t seem to find the article now.

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1.11 February

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Re-configuring BIND DNS Servers for CentOS Web Panel Web Hosting Control Panel on Amazon AWS Cloud (2020-02-28 00:29) - Turritopsis Dohrnii Teo En Ming

Subject: Re-configuring BIND DNS Servers for CentOS Web Panel Web Hosting Control Panel on Amazon AWS Cloud

Author: Mr. Turritopsis Dohrnii Teo En Ming, Singapore
Date: 27 Feb 2020 Thursday

Rationale for Re-configuration of BIND DNS Servers for CentOS Web Panel
==========

I have originally followed the approach for cPanel where there are 2 DNS-ONLY servers and one or more cPanel webservers. However, CentOS Web Panel
implements DNS Clusters differently. Hence I have to re-configure BIND DNS Servers for CentOS Web Panel web hosting control panel.

PREREQUISITES
==========

Part 1 of the series: Mr. Teo En Ming's Guide to Deploying CentOS Web Panel (CWP) Web Hosting Control Panel on Amazon AWS Cloud

Redundant Blogger and Wordpress blog links:

[1] https://tdtemcerts.blogspot.com/2020/02/mr-teo-en-mings-guide-to-deploying.ht ml

[2] https://tdtemcerts.wordpress.com/2020/02/23/mr-teo-en-mings-guide-to-deployin g-centos-web-panel-cwp-web-hosting-control-panel-on-amazon-aws-cloud/

Part 2 of the series: Setting Up Mail Server Operation for CentOS Web Panel Web Hosting Control Panel on Amazon AWS Cloud

Redundant Blogger and Wordpress blog links:

[1] https://tdtemcerts.blogspot.com/2020/02/setting-up-mail-server-operation-for. html

[2] https://tdtemcerts.wordpress.com/2020/02/25/setting-up-mail-server-operation- for-centos-web-panel-web-hosting-control-panel-on-amazon-aws-cloud/

THIS guide is Part 3 of the series.

EXTREMELY DETAILED INSTRUCTIONS OF TEO EN MING'S GUIDE
==========

Login to Amazon AWS Console.

Setting Up Secondary/Slave DNS Server
==========

On the EC2 Dashboard, click Instances.

Click Launch Instance.

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Search for centos in the AWS Markpetplace.

Select CentOS 7 (x86 _64) - with Updates HVM (free tier eligible).

Click Continue.

Select t2.micro (free tier eligible).

Click Next: Configure Instance Details.

Network: Teo En Ming VPC

Subnet: Public subnet | us-east-2a

Click Protect against accidental termination.

Click Next: Add Storage

Size (GiB): 8

Click Next: Add Tags

Key = Name

Value = slave

Click Next: Configure Security Group

Click Select an existing security group

Select NameServers

Click Review and Launch.

Click Launch.

Select Choose an existing key pair.

Key pair name: cwp

Click Launch Instances.

Click Instances.

Select slave, right click and select Networking > Manage IP Addresses.

Click Allocate an elastic IP to this instance.

Click Allocate.

Click Associate this Elastic IP Address.

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Instance: slave

Click Associate.

IPv4 address of Secondary/Slave DNS server is 3.12.224.179

$ ssh -i cwp.pem centos@3.12.224.179

$ sudo passwd

$ su -

yum -y update & & yum -y install wget

hostnamectl set-hostname ns2.teo-en-ming.com

cd /usr/local/src & & wget http://centos-webpanel.com/cwp-el7-latest & & sh cwp-el7-latest

Started installing CentOS Web Panel at 9:00 PM on 26 Feb 2020 Wed.

Completed installing CentOS Web Panel at 9:05 PM on 26 Feb 2020 Wed.

Total duration: 5 mins.

# #
CWP Installed
# #

Go to CentOS WebPanel Admin GUI at http://SERVER _IP:2030/

http://3.12.224.179:2030
SSL: https://3.12.224.179:2031

Username: root
Password: ssh server root password
MySQL root Password:

# # # # # # # # # # # # # # # # # # # #

=========

Guide: Slave DNS Server & Manager - DNS Cluster

Link: https://wiki.centos-webpanel.com/slave-dns-server-manager-dns-cluster

REFERENCE
=========

Guide: Slave DNS Server & Manager download version

Link: https://wiki.centos-webpanel.com/slave-dns-server-manager-download-version

Login to the CentOS Web Panel Admin Panel on the Slave.

From the left menu, click on CWP Settings, then select Edit Settings.

Admin Email: ceo@teo-en-ming-corp.com

Check Activate NAT-ed network configuration.

Click Save Changes.

Create a New Account on the Secondary/Slave DNS Server
==========

From the left menu, click User Accounts, then click New Account.

Domain name: teo-en-ming.com

Username: slave

Package: default

Click Create.

Download Slave DNS Manager and upload it to public _html folder on the Secondary/Slave DNS Server
========== -
==========

ssh -i cwp.pem centos@3.12.224.179

su -

cd /home/slave/public _html

wget http://dl1.centos-webpanel.com/files/cwp/addons/cwp-slave _dns.zip

unzip cwp-slave _dns.zip

mv slave _dns/* .

rm -f index.html

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Fix file permissions on the Slave DNS Server
==========

chown -R slave.slave /home/slave/public _html/*

MySQL: Create User and Database on the Slave DNS Server
==========

From the left menu, click SQL Services, then click MySQL Manager.

Click Create Database and User.

New Database for user: slave

Database Name: slave

Click Create Database.

Edit file /home/slave/public _html/inc/db _conn.php.sample and enter your database connection details

nano /home/slave/public _html/inc/db _conn.php.sample

mv inc/db _conn.php.sample inc/db _conn.php

mysql slave _slave < sql/slave _dns.sql

nano /etc/sudoers.d/slave

slave ALL= NOPASSWD: /bin/systemctl start named
slave ALL= NOPASSWD: /bin/systemctl stop named
slave ALL= NOPASSWD: /bin/systemctl restart named
slave ALL= NOPASSWD: /bin/systemctl reload named
slave ALL= NOPASSWD: /bin/systemctl status named
slave ALL= NOPASSWD: /bin/systemctl is-active named

touch /etc/named/slave.conf

chmod 771 /etc/named

usermod -a -G named slave

chown slave.named /etc/named/slave.conf

mkdir /var/named/slave

chown named.named /var/named/slave

Edit File: /etc/named.conf and add this in options section before closing }

masterfile-format text;

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Add after options { } where other include lines are specifed

//Slave dns configuration
include "/etc/named/slave.conf";

Now you can login to Slave DNS Manager GUI by using a domain link of the account you have created.

Go to http://3.12.224.179/ slave/index.php?login

Default login for Slave DNS Manager GUI admin/root
Username: root
Password: FX8QKxvQ
Please change the default password after the first login

Adding WebServers to Slave DNS Manager
==========

- On Slave DNS manager GUI create a new user for each server or use a single for all webservers if you plan to transfer accounts from one to another webserver.

Click Add New User.

Username:

Password:

Email:

API Key:

API Secret:

Domain Limit: 1000000

Click Save.

- On Master CentOS Web Panel WebServer go to DNS Functions -> Slave DNS Manager

Buy CWPPro license first. It is only USD $1.49 compared to USD $20 for the license of cPanel. I can't afford to buy the license for cPanel, hence
I have to settle for CentOS Web Panel.

Then ssh into your Master CentOS Web Panel Webserver.

sh /scripts/update _cwp

You have successfully upgraded to CWPpro.

On the Master CentOS Web Panel, Go to DNS Functions -> Slave DNS Manager

API Key:

Secret Key:

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Base URL: http://3.12.224.179/ slave

Master Server IP's: 3.21.30.127

Click Submit.

Master CentOS Web Panel WebServer configuration
==========

Edit File: /etc/named.conf and add this in options section before closing }

```
//Slave dns configuration
allow-transfer {3.12.224.179; };
allow-recursion {3.12.224.179; };
also-notify {3.12.224.179; };
masterfile-format text;
```

```
# named-checkconf
```

```
# systemctl restart named
```

REFERENCE
==========

Guide: How to setup DNS cluster on CWP 1 – Install DNS Manager

Link: https://opentechy.com/how-to-setup-dns-cluster-on-cwp/

REFERENCE
==========

Guide: How to setup DNS cluster on CWP 2 – Add webservers to DNS cluster

Link: https://opentechy.com/how-to-setup-dns-cluster-on-cwp-2-add-webservers-to-dns-c luster/

CONFIGURING CUSTOM NAME SERVERS AT YOUR DOMAIN REGISTRAR
==========

Go to Advanced Features > Hostnames

Host: ns1

IP Addresses: 3.21.30.127
Host: ns2

IP Addresses: 3.12.224.179

Nameservers: Using custom nameservers

ns1.teo-en-ming.com

ns2.teo-en-ming.com

CONFIGURING NAME SERVERS ON THE MASTER CENTOS WEB PANEL WEBSERVER

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==========

From the left menu, click DNS Functions, then click Edit Nameservers IPs.

Name Server 1: ns1.teo-en-ming.com

3.21.30.127

Name Server 2: ns2.teo-en-ming.com

3.12.224.179

Click Save changes.

systemctl restart named

BIND DNS CONFIGURATION ON THE MASTER CENTOS WEB PANEL WEBSERVER
==========

File /etc/named.conf:

```
//
// named.conf
//
// Provided by Red Hat bind package to configure the ISC BIND named(8) DNS
// server as a caching only nameserver (as a any DNS resolver only).
//
// See /usr/share/doc/bind*/sample/ for example named configuration files.
//
// See the BIND Administrator's Reference Manual (ARM) for details about the
// configuration located in /usr/share/doc/bind- {version }/Bv9ARM.html

options {

listen-on port 53 { any; };

listen-on-v6 port 53 { ::1; };

directory
"/var/named";

dump-file
"/var/named/data/cache _dump.db";

statistics-file "/var/named/data/named _stats.txt";

memstatistics-file "/var/named/data/named _mem _stats.txt";

recursing-file "/var/named/data/named.recursing";
```


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```
secroots-file "/var/named/data/named.secroots";

allow-query { any; };


/*

- If you are building an AUTHORITATIVE DNS server, do NOT enable recursion.

- If you are building a RECURSIVE (caching) DNS server, you need to enable

recursion.

- If your recursive DNS server has a public IP address, you MUST enable access

control to limit queries to your legitimate users. Failing to do so will

cause your server to become part of large scale DNS amplification

attacks. Implementing BCP38 within your network would greatly

reduce such attack surface

*/
//
recursion no;


dnssec-enable yes;

dnssec-validation yes;


/* Path to ISC DLV key */

bindkeys-file "/etc/named.root.key";


managed-keys-directory "/var/named/dynamic";


pid-file "/run/named/named.pid";

session-keyfile "/run/named/session.key";
```

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```
//Slave dns configuration
allow-transfer {3.12.224.179; };
allow-recursion {3.12.224.179; };
also-notify {3.12.224.179; };
masterfile-format text;
};

logging {
channel default _debug {
file "data/named.run";
severity dynamic;
};
};

zone "." IN {

type hint;

file "named.ca";
};

include "/etc/named.rfc1912.zones";
include "/etc/named.root.key";


zone "ns1.teo-en-ming.com" {type master;file "/var/named/ns1.teo-en-ming.com.db"; };
zone "ns2.teo-en-ming.com" {type master;file "/var/named/ns2.teo-en-ming.com.db"; };

// zone teo-en-ming.com
zone "teo-en-ming.com" {type master; file "/var/named/teo-en-ming.com.db"; };
// zone _end teo-en-ming.com
```

File /var/named/ns1.teo-en-ming.com.db:

```
; Panel %version %
; Zone file for ns1.teo-en-ming.com
$TTL 14400
ns1.teo-en-ming.com. 86400 IN SOA ns1.teo-en-ming.com. info.centos-webpanel.com. (

2013071600 ;serial, todays date+todays

86400 ;refresh, seconds

7200 ;retry, seconds

3600000 ;expire, seconds

86400 ;minimum, seconds
)
ns1.teo-en-ming.com. 86400 IN NS ns1.teo-en-ming.com.
```


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ns1.teo-en-ming.com. 86400 IN NS ns2.teo-en-ming.com.
ns1.teo-en-ming.com. 14400 IN A 3.21.30.127

File /var/named/ns2.teo-en-ming.com.db:

; Panel %version %
; Zone file for ns2.teo-en-ming.com
$TTL 14400
ns2.teo-en-ming.com. 86400 IN SOA ns1.teo-en-ming.com. info.centos-webpanel.com. (

2013071600 ;serial, todays date+todays

86400 ;refresh, seconds

7200 ;retry, seconds

3600000 ;expire, seconds

86400 ;minimum, seconds
)
ns2.teo-en-ming.com. 86400 IN NS ns1.teo-en-ming.com.
ns2.teo-en-ming.com. 86400 IN NS ns2.teo-en-ming.com.
ns2.teo-en-ming.com. 14400 IN A 3.12.224.179

File /var/named/teo-en-ming.com.db:

; Generated by CWP
; Zone file for teo-en-ming.com
$TTL 14400
@ 86400 IN SOA ns1.teo-en-ming.com. ceo.teo-en-ming-corp.com. (

2020022453 ; serial, todays date+todays

3600 ; refresh, seconds

7200 ; retry, seconds

1209600 ; expire, seconds

86400) ; minimum, seconds
@

86400

IN

NS

ns1.teo-en-ming.com.
@

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86400

IN

NS

ns2.teo-en-ming.com.
@ IN A 3.21.30.127
localhost.teo-en-ming.com. IN A 127.0.0.1
@ IN MX 0 teo-en-ming.com.
mail 14400 IN CNAME teo-en-ming.com.
smtp 14400 IN CNAME teo-en-ming.com.
pop 14400 IN CNAME teo-en-ming.com.
pop3 14400 IN CNAME teo-en-ming.com.
imap 14400 IN CNAME teo-en-ming.com.
webmail 14400 IN A 3.21.30.127
cpanel 14400 IN A 3.21.30.127
cwp 14400 IN A 3.21.30.127
www 14400 IN CNAME teo-en-ming.com.
ftp 14400 IN CNAME teo-en-ming.com.
_dmarc

14400

IN

TXT

"v=DMARC1; p=none"
@

14400

IN

TXT

"v=spf1 +a +mx +ip4:3.21.30.127 all"
ns1.teo-en-ming.com. 14400 IN A 3.21.30.127
ns2.teo-en-ming.com. 14400 IN A 3.12.224.179
default. _domainkey 14400 IN TXT "v=DKIM1; k=rsa; p=MIGfMA0GCSqGSIb3DQEBAQUAA4GNADCBiQKBgQ-DEXk5wQIfKJPjTkkj0yHGX8yIJOOrsOsvAqbq VaEBFBWhRlF7YxyGzchaAdWEVQkozcsWPIL5DgJ7vWBoJ-IGqfNOT7vO/lStqNcXC+2hYVIF7MTB 8i6tBW1/UDEuL8oammKWDq8P9Fpduk6JppV7rtKXeFzrYj35ydIh-DIKUABcwIDAQAB"

BIND DNS CONFIGURATION ON THE SLAVE DNS MANAGER
==========

File /etc/named.conf:

//
// named.conf
//
// Provided by Red Hat bind package to configure the ISC BIND named(8) DNS
// server as a caching only nameserver (as a any DNS resolver only).
//
// See /usr/share/doc/bind*/sample/ for example named configuration files.
//
// See the BIND Administrator’s Reference Manual (ARM) for details about the
// configuration located in /usr/share/doc/bind- {version }/Bv9ARM.html

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```
options {

listen-on port 53 { any; };

listen-on-v6 port 53 { ::1; };

directory
"/var/named";

dump-file
"/var/named/data/cache _dump.db";

statistics-file "/var/named/data/named _stats.txt";

memstatistics-file "/var/named/data/named _mem _stats.txt";

recursing-file "/var/named/data/named.recursing";

secroots-file "/var/named/data/named.secroots";

allow-query { any; };


/*

- If you are building an AUTHORITATIVE DNS server, do NOT enable recursion.

- If you are building a RECURSIVE (caching) DNS server, you need to enable

recursion.

- If your recursive DNS server has a public IP address, you MUST enable access

control to limit queries to your legitimate users. Failing to do so will

cause your server to become part of large scale DNS amplification

attacks. Implementing BCP38 within your network would greatly

reduce such attack surface

*/
```

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```
recursion no;


dnssec-enable yes;

dnssec-validation yes;


/* Path to ISC DLV key */

bindkeys-file "/etc/named.root.key";


managed-keys-directory "/var/named/dynamic";


pid-file "/run/named/named.pid";

session-keyfile "/run/named/session.key";

masterfile-format text;
};

logging {
channel default _debug {
file "data/named.run";
severity dynamic;
};
};

zone "." IN {

type hint;

file "named.ca";
};

include "/etc/named.rfc1912.zones";
include "/etc/named.root.key";


// zone teo-en-ming.com
// zone "teo-en-ming.com" {type master; file "/var/named/teo-en-ming.com.db"; };
// zone _end teo-en-ming.com

//Slave dns configuration
include "/etc/named/slave.conf";
```

File /var/named/teo-en-ming.com.db (WRONG, DON’T USE):

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; Generated by CWP
; Zone file for teo-en-ming.com
$TTL 14400
@ 86400 IN SOA ns1.centos-webpanel.com. ceo.teo-en-ming-corp.com. (

2020022660 ; serial, todays date+todays

3600 ; refresh, seconds

7200 ; retry, seconds

1209600 ; expire, seconds

86400) ; minimum, seconds
@

86400

IN

NS

ns1.centos-webpanel.com.
@

86400

IN

NS

ns2.centos-webpanel.com.
@ IN A 3.12.224.179
localhost.teo-en-ming.com. IN A 127.0.0.1
@ IN MX 0 teo-en-ming.com.
mail 14400 IN CNAME teo-en-ming.com.
smtp 14400 IN CNAME teo-en-ming.com.
pop 14400 IN CNAME teo-en-ming.com.
pop3 14400 IN CNAME teo-en-ming.com.
imap 14400 IN CNAME teo-en-ming.com.
webmail 14400 IN A 3.12.224.179
cpanel 14400 IN A 3.12.224.179
cwp 14400 IN A 3.12.224.179
www 14400 IN CNAME teo-en-ming.com.
ftp 14400 IN CNAME teo-en-ming.com.
_dmarc

14400

IN

TXT

"v=DMARC1; p=none"
@

14400

IN

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TXT

"v=spf1 +a +mx +ip4:3.12.224.179 all"
default. _domainkey 14400 IN TXT "v=DKIM1; k=rsa; p=MIGfMA0GCSqGSIb3DQEBAQUAA4GNADCBiQKBgQ-CktDYpEtFO7dyJeErMbjHvyfJYU8RqDeS7WVq QnjH4fP42JSqPmxEFX+QytFTlGqd6ndlz9Tjqi1iZsD0a-jB/+0Pkwq/KtL6NVo2TIqnXj8VebV9 +FEcx+FGvLA/b5zz+Hfn0Bf+w/2T2bSwUm+tJoHilmANCFGlcGmp-O9/lXvAwIDAQAB"

File /etc/named/slave.conf:

zone "teo-en-ming.com" { type slave; file "slave/db.teo-en-ming.com"; masters { 3.21.30.127; }; }; //user-name:enming

That’s all folks!

REFERENCES
==========

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3. https://marc.info/?l=linux-kernel&m=158281302224348&w=2
4. http://lists.linuxfromscratch.org/pipermail/lfs-chat/2020-February/029098.html
5. https://lists.centos.org/pipermail/centos/2020-February/349697.html
6. https://marc.info/?l=apache-httpd-users&m=158281413024990&w=2
7. https://lists.launchpad.net/maria-discuss/msg05721.html
8. https://marc.info/?l=php-general&m=158281449625204&w=2
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Setting Up Mail Server Operation for CentOS Web Panel Web Hosting Control Panel on Amazon AWS Cloud (2020-02-25 23:53) - Turritopsis Dohrnii Teo En Ming

Subject: Setting Up Mail Server Operation for CentOS Web Panel Web Hosting Control Panel on Amazon AWS Cloud

Author: Mr. Turritopsis Dohrnii Teo En Ming, Singapore
Date: 25 Feb 2020 Tuesday

PREREQUISITES
==========

Before embarking on this guide, you should read the following guide first.

Guide: Mr. Teo En Ming's Guide to Deploying CentOS Web Panel (CWP) Web Hosting Control Panel on Amazon AWS Cloud

Redundant blog links:

[1] https://tdtemcerts.blogspot.com/2020/02/mr-teo-en-mings-guide-to-deploying.ht ml

[2] https://tdtemcerts.wordpress.com/2020/02/23/mr-teo-en-mings-guide-to-deployin g-centos-web-panel-cwp-web-hosting-control-panel-on-amazon-aws-cloud/

EXTREMELY DETAILED INSTRUCTIONS OF TEO EN MING'S GUIDE
==========

Teo En Ming's DNS Zone File for domain teo-en-ming.com on Primary DNS Server
========== =

$TTL 300
@ IN SOA ns1.teo-en-ming.com. ceo.teo-en-ming.com. (
2020022502 ; Serial
604800 ; Refresh
86400 ; Retry
2419200 ; Expire
604800) ; Negative Cache TTL
;
; name servers - NS records
IN NS ns1.teo-en-ming.com.
IN NS ns2.teo-en-ming.com.

; mail servers - MX records
IN

MX

0

mail.teo-en-ming.com.

; name servers - A records
ns1.teo-en-ming.com. IN A 13.58.253.162
ns2.teo-en-ming.com. IN A 3.20.186.205

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; mail servers - A records
mail.teo-en-ming.com.

IN A 3.21.30.127

; Additional A records
www.teo-en-ming.com. IN A 3.21.30.127
teo-en-ming.com.

IN A 3.21.30.127

; Sender Policy Framework (SPF) TXT records
teo-en-ming.com.

IN TXT "v=spf1 ip4:3.21.30.127 -all"

===EOF===

REFERENCE
=========

Guide: Mail Exchange Record (MX)

Link: https://www.zytrax.com/books/dns/ch8/mx.html

REFERENCE
=========

Guide: How To: Lowering Your DNS TTLs

Link: https://www.liquidweb.com/kb/how-to-lowering-your-dns-ttls/

REFERENCE
=========

Discussion: Postfix: “Connection timed out” on all outbound email [closed]

Link: https://serverfault.com/questions/585503/postfix-connection-timed-out-on-all- outbound-email

QUOTE:

"For anyone who found this question but is on AWS EC2: outgoing SMTP intentionally rate limited, but you can ask to have it relaxed."

REFERENCE
=========

Discussion: Intermittent exim gmail smtp connection timeout

Link: https://forums.cpanel.net/threads/intermittent-exim-gmail-smtp-connection-tim eout.523911/

QUOTE:

"Just an update for anyone with a similar issue - with some fresh eyes and some more googling it sounds like this may be caused by some SMTP rate limitations built into the AWS EC2 network as Spam prevention.

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They have a form to register to remove outgoing smtp connection limitations here:

https://aws.amazon.com/forms/ec2-email-limit-rdns-request

I've submitted and will update if this resolves the issues I was seeing."

QUOTE:

"Amazon SMTP traffic management indeed seems to have been the cause. Within a couple of hours of filling out the above form, I got an email confirmation from AWS that "traffic restrictions had been removed" and normal function resumed immediately.

Confusing the matters is that this SMTP traffic management is not documented well (and sometimes with contradicting information). It does not appear to be a hard cap limit, nor does it trigger any notification when it's applied - it actually appears to be a *throttle* on common SMTP ports, triggered by a very small number of connections, beyond which it allows a certain number of connections per/hour - which would absolutely create the kind of "intermittent" connectivity issues I saw (and the odd delivery order of mail in the queue depending on when a retry "won the lottery" to negotiate a connection).

Anyway - I hope that info is of some use to others in the future!"

REFERENCE
=========

Guide: Installing Telnet In CentOS/RHEL/Scientific Linux 6 & 7

Link: https://www.unixmen.com/installing-telnet-centosrhelscientific-linux-6-7/

Amazon Web Services' Reply to Teo En Ming
===

Hello,

We approved your request for the removal of the EC2 email sending limitations on your Amazon Web Services account! If you requested removal of email sending limits on any other Amazon Elastic IPs, they've also been removed.

Because reverse DNS record entries are commonly considered in anti-spam filters, we recommend assigning a reverse DNS record to the Elastic IP address you use to send email to third parties. Please use the form located at this link to request a reverse DNS entry:
https://aws-portal.amazon.com/gp/aws/html-forms-controller/contactus/ec2-email- limit-rdns-request

If you'd like to proceed with assigning a reverse DNS record to the Elastic IP, the first step would be to configure the A record for the domain to match the desired PTR record on your side.

Please follow the instructions at the link below to create the A record:
https://docs.aws.amazon.com/Route53/latest/DeveloperGuide/resource-record-set s-creating.html

Please let us know if you have any questions.

Regards,
Amazon Web Services

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REFERENCE
=========

Guide: How to create an SPF TXT record?

Link: https://www.dmarcanalyzer.com/spf/how-to-create-an-spf-txt-record/

REFERENCE
=========

Guide: Linux BIND DNS Configure Sender Policy Framework (SPF) an e-mail Anti Forgery System

Link: https://www.cyberciti.biz/faq/howto-bind-djbdns-spf-antispam-dns-configuration/

Creating New User Account in CentOS Web Panel
===

Login to CentOS Web Panel Admin Panel.

From the left menu, click on User Accounts, then select New Account.

Domain name: teo-en-ming.com

Username:

Password:

Admin Email:

Server IPs:

Package: Default

Reseller: Not checked

Inode: 0

Process limit: 40

Open files: 150

Backup user account: checked

Shell Access: Disabled by default for security reasons: Unchecked

AutoSSL: Domain must be pointed to the server: Unchecked

Click Create.

Setting Up New Email Account
============================

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Login to CentOS Web Panel User Panel.

From the left menu, click Email Accounts, then click Email Accounts.

Click Add a New MailBox.

Email Address: ceo@teo-en-ming.com

Password:

Quota MB: 16000

Click Add.

Using Your New Email Account
==========

Login to Roundcube Webmail.

Click Settings.

From the left menu, click Identities, then click ceo@teo-en-ming.com

Display Name: Turritopsis Dohrnii Teo En Ming

Click Save.

Congratulations! You can now start using your new email account.

REFERENCES
==========

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[3] [3]https://marc.info/?l=linux-kernel &m=158263958532716 &w=2

[4] [4]http://lists.linuxfromscratch.org/pipermail/lfs-chat/2020-February/029 097.html

[5] [5]https://marc.info/?l=postfix-users &m=158264145200949 &w=2

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Linux Shell Script to Start Windows 10 Virtual Machine with GPU Passthrough (QEMU/KVM) (23 Feb 2020) (2020-02-23 22:51) - Turritopsis Dohrnii Teo En Ming

```
#!/bin/bash

# Mr. Turritopsis Dohrnii Teo En Ming
# Singapore
# 22 Feb 2020 Saturday

# Haven’t configure bridged networking yet. TO-DO in future.

vmname="windows10vm"

if ps -ef | grep qemu-system-x86 _64 | grep -q multifunction=on; then
echo "A passthrough VM is already running." &
exit 1

else

# use pulseaudio
export QEMU _AUDIO _DRV=pa
export QEMU _PA _SAMPLES=8192
export QEMU _AUDIO _TIMER _PERIOD=99
export QEMU _PA _SERVER=/run/user/1000/pulse/native

cp /usr/share/OVMF/OVMF _VARS.fd /tmp/my _vars.fd

# /data is Toshiba 1 TB 3.5 inch internal SATA harddisk

qemu-system-x86 _64 \
-name $vmname,process= $vmname \
-machine type=pc,accel=kvm \
-cpu host,kvm=off \
-smp 3,sockets=1,cores=3,threads=1 \
-m 16G \
-balloon none \
-rtc clock=host,base=localtime \
-serial none \
-parallel none \
-soundhw hda \
-usb \
-device usb-host,vendorid=0x0603,productid=0x00f2 \
-device usb-host,vendorid=0x056e,productid=0x0107 \
-device vfio-pci,host=01:00.0,multifunction=on \
-device vfio-pci,host=01:00.1 \
-drive if=pflash,format=raw,readonly,file=/usr/share/OVMF/OVMF _CODE.fd \
-drive if=pflash,format=raw,file=/tmp/my _vars.fd \
-boot order=dc \
-drive id=disk0,if=virtio,cache=none,format=raw,file=/home/teo-en-ming/win10.img \
-drive id=disk1,if=virtio,cache=none,format=raw,file=/data/toshiba.img \
-drive file=/home/teo-en-ming/win10-1709.iso,index=1,media=cdrom \
-drive file=/home/teo-en-ming/Downloads/virtio-win-0.1.173.iso,index=2,media=cdrom \
-vga none \
```


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```
-nographic
 #-netdev type=tap,id=net0,ifname=vmtap0,vhost=on \
 #-device virtio-net-pci,netdev=net0,mac=00:16:3e:00:01:01

 exit 0
 fi
```

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Mr. Teo En Ming's Guide to Deploying CentOS Web Panel (CWP) Web Hosting Control Panel on Amazon AWS Cloud (2020-02-23 22:48) - Turritopsis Dohrnii Teo En Ming

Subject: Mr. Teo En Ming's Guide to Deploying CentOS Web Panel (CWP) Web Hosting Control Panel on Amazon AWS Cloud

===FIRST DRAFT===

PUBLISHED 23 FEB 2020 SUNDAY, SINGAPORE, SINGAPORE

I chose CentOS Web Panel because the graphical user interface is a bit like cPanel and it is free/open source.

EXTREMELY DETAILED INSTRUCTIONS OF TEO EN MING'S GUIDE
==========

REFERENCE
=========

Guide: Part 1: How I Built a cPanel Hosting Environment on Amazon AWS

Link: https://wiredgorilla.com/part-1-built-cpanel-hosting-environment-amazon-aws/

Setup the Amazon AWS VPC (Virtual Private Cloud)
==========

Go to https://us-east-2.console.aws.amazon.com/vpc/home?region=us-east-2 #dashboard:

Click Launch VPC Wizard.

Select VPC with a Single Public Subnet.

IPv4 CIDR block: 10.0.0.0/16

VPC Name: Teo En Ming VPC

Public subnet's IPv4 CIDR: 10.0.0.0/24

Availability Zone: No Preference

Subnet name: Public subnet

Click Create VPC.

Create Security Groups in Amazon AWS Cloud
==========

Click Security Groups in the VPC Dashboard.

Sub-Part 1
==========

Click Create Security Group.

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Security Group Name: NameServers

Description: Allows access to DNS servers

VPC: Teo En Ming VPC

Click Create.

Sub-Part 2
==========

Click Create Security Group.

Security Group Name: CentOSWebPanel

Description: Allows access to CentOS Web Panel

VPC: Teo En Ming VPC

Click Create.

Sub-Part 3
==========

Select the NameServers Security Group.

On the Inbound tab, click Edit.

Under Type, select All Traffic.

Protocol: All

Port Range: 0 - 65535

Source: Anywhere

Click Save.

Sub-Part 4
==========

Select the CentOSWebPanel Security Group.

On the Inbound tab, click Edit.

Under Type, select All Traffic.

Protocol: All

Port Range: 0 - 65535

Source: Anywhere

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Click Save.

Provisioning the Primary DNS Server
==========

On the EC2 Dashboard, click Instances.

Click Launch Instance.

Search for centos in the AWS Markpetplace.

Select CentOS 7 (x86 _64) - with Updates HVM (free tier eligible).

Click Continue.

Select t2.micro (free tier eligible).

Click Next: Configure Instance Details.

Network: Teo En Ming VPC

Subnet: Public subnet | us-east-2a

Click Protect against accidental termination.

Click Next: Add Storage

Size (GiB): 8

Click Next: Add Tags

Key = Name

Value = ns1

Click Next: Configure Security Group

Click Select an existing security group

Select NameServers

Click Review and Launch.

Click Launch.

Select Create a new key pair.

Key pair name: cwp

Click Download key pair.

Click Launch Instances.

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Click Instances.

Select ns1, right click and select Networking > Manage IP Addresses.

Click Allocate an elastic IP to this instance.

Click Allocate.

Click Associate this Elastic IP Address.

Instance: ns1

Click Associate.

IPv4 address of Primary DNS server is 13.58.253.162

Provisioning the Secondary DNS Server
==========

On the EC2 Dashboard, click Instances.

Click Launch Instance.

Search for centos in the AWS Markpetplace.

Select CentOS 7 (x86 _64) - with Updates HVM (free tier eligible).

Click Continue.

Select t2.micro (free tier eligible).

Click Next: Configure Instance Details.

Network: Teo En Ming VPC

Subnet: Public subnet | us-east-2a

Click Protect against accidental termination.

Click Next: Add Storage

Size (GiB): 8

Click Next: Add Tags

Key = Name

Value = ns2

Click Next: Configure Security Group

Click Select an existing security group

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Select NameServers

Click Review and Launch.

Click Launch.

Select Choose an existing key pair.

Key pair name: cwp

Click Launch Instances.

Click Instances.

Select ns2, right click and select Networking > Manage IP Addresses.

Click Allocate an elastic IP to this instance.

Click Allocate.

Click Associate this Elastic IP Address.

Instance: ns2

Click Associate.

IPv4 address of Secondary DNS server is 3.20.186.205

Provisioning CentOS 7 to Install CentOS Web Panel Later
==========

On the EC2 Dashboard, click Instances.

Click Launch Instance.

Search for centos in the AWS Markpetplace.

Select CentOS 7 (x86 _64) - with Updates HVM (free tier eligible).

Click Continue.

Select t2.micro (free tier eligible).

Click Next: Configure Instance Details.

Network: Teo En Ming VPC

Subnet: Public subnet | us-east-2a

Click Protect against accidental termination.

Click Next: Add Storage

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Size (GiB): 30

Click Next: Add Tags

Key = Name

Value = CentOSWebPanel

Click Next: Configure Security Group

Click Select an existing security group

Select CentOSWebPanel

Click Review and Launch.

Click Launch.

Select Choose an existing key pair.

Key pair name: cwp

Click Launch Instances.

Click Instances.

Select CentOSWebPanel, right click and select Networking > Manage IP Addresses.

Click Allocate an elastic IP to this instance.

Click Allocate.

Click Associate this Elastic IP Address.

Instance: CentOSWebPanel

Click Associate.

IPv4 address of CentOS Web Panel is 3.21.30.127

RFERENCE
========

Guide: Connecting to Your Linux Instance Using SSH

Link: https://docs.aws.amazon.com/AWSEC2/latest/UserGuide/AccessingInstancesLinux.h tml

How to SSH into Linux Instances in Amazon AWS Cloud
==========

$ chmod 600 cwp.pem

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For Primary DNS Server:

$ ssh -i cwp.pem centos@13.58.253.162

For Secondary DNS Server:

$ ssh -i cwp.pem centos@3.20.186.205

For CentOS Web Panel:

$ ssh -i cwp.pem centos@3.21.30.127

REFERENCE
=========

Guide: How To Configure BIND as a Private Network DNS Server on CentOS 7

Link: https://www.digitalocean.com/community/tutorials/how-to-configure-bind-as-a-p rivate-network-dns-server-on-centos-7

Configuring the Primary DNS Server
==================================

$ sudo passwd

$ su -

yum install bind bind-utils

yum install nano

nano /etc/named.conf

```
//
// named.conf
//
// Provided by Red Hat bind package to configure the ISC BIND named(8) DNS
// server as a caching only nameserver (as a localhost DNS resolver only).
//
// See /usr/share/doc/bind*/sample/ for example named configuration files.
//
// See the BIND Administrator's Reference Manual (ARM) for details about the
// configuration located in /usr/share/doc/bind- {version }/Bv9ARM.html

options {

listen-on port 53 { 127.0.0.1; 10.0.0.99; };
//
listen-on-v6 port 53 { ::1; };

directory
"/var/named";
```


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```
dump-file
"/var/named/data/cache _dump.db";

statistics-file "/var/named/data/named _stats.txt";

memstatistics-file "/var/named/data/named _mem _stats.txt";

recursing-file "/var/named/data/named.recursing";

secroots-file "/var/named/data/named.secroots";

allow-transfer { 3.20.186.205; };

allow-query { any; };


/*

- If you are building an AUTHORITATIVE DNS server, do NOT enable recursion.

- If you are building a RECURSIVE (caching) DNS server, you need to enable

recursion.

- If your recursive DNS server has a public IP address, you MUST enable access

control to limit queries to your legitimate users. Failing to do so will

cause your server to become part of large scale DNS amplification

attacks. Implementing BCP38 within your network would greatly

reduce such attack surface

*/

recursion yes;


dnssec-enable yes;

dnssec-validation yes;
```

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```
/* Path to ISC DLV key */

bindkeys-file "/etc/named.root.key";


managed-keys-directory "/var/named/dynamic";


pid-file "/run/named/named.pid";


session-keyfile "/run/named/session.key";
};

logging {
channel default _debug {
file "data/named.run";
severity dynamic;
};
};

zone "." IN {


type hint;


file "named.ca";
};

include "/etc/named.rfc1912.zones";
include "/etc/named.root.key";

include "/etc/named/named.conf.local";

# nano /etc/named/named.conf.local

zone "teo-en-ming.com" {
type master;
file "/etc/named/zones/db.teo-en-ming.com"; # zone file path
};

# chmod 755 /etc/named

# mkdir /etc/named/zones

# nano /etc/named/zones/db.teo-en-ming.com

$TTL 604800
@

IN

SOA ns1.teo-en-ming.com. ceo.teo-en-ming.com. (
2020022301 ; Serial
```


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```
604800 ; Refresh
86400 ; Retry
2419200 ; Expire
604800 ) ; Negative Cache TTL
;
; name servers - NS records
IN NS ns1.teo-en-ming.com.
IN NS ns2.teo-en-ming.com.

; name servers - A records
ns1.teo-en-ming.com. IN A 13.58.253.162
ns2.teo-en-ming.com. IN A 3.20.186.205

; Additional A records
www.teo-en-ming.com. IN A 3.21.30.127
```

```
# named-checkconf
```

```
# systemctl start named
```

```
# systemctl enable named
```

Testing the Primary DNS Server
==========

```
$ dig @13.58.253.162 teo-en-ming.com
```

Configuring the Secondary DNS Server
==========

```
$ sudo passwd
```

```
$ su -
```

```
# yum install nano
```

```
# yum install bind bind-utils
```

```
# nano /etc/named.conf
```

```
//
// named.conf
//
// Provided by Red Hat bind package to configure the ISC BIND named(8) DNS
// server as a caching only nameserver (as a localhost DNS resolver only).
//
// See /usr/share/doc/bind*/sample/ for example named configuration files.
//
// See the BIND Administrator's Reference Manual (ARM) for details about the
// configuration located in /usr/share/doc/bind- {version }/Bv9ARM.html

options {
```

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```
listen-on port 53 { 127.0.0.1; 10.0.0.76; };
//
listen-on-v6 port 53 { ::1; };

directory
"/var/named";

dump-file
"/var/named/data/cache _dump.db";

statistics-file "/var/named/data/named _stats.txt";

memstatistics-file "/var/named/data/named _mem _stats.txt";

recursing-file "/var/named/data/named.recursing";

secroots-file "/var/named/data/named.secroots";

allow-query { any; };


/*

- If you are building an AUTHORITATIVE DNS server, do NOT enable recursion.

- If you are building a RECURSIVE (caching) DNS server, you need to enable

recursion.

- If your recursive DNS server has a public IP address, you MUST enable access

control to limit queries to your legitimate users. Failing to do so will

cause your server to become part of large scale DNS amplification

attacks. Implementing BCP38 within your network would greatly

reduce such attack surface

*/

recursion yes;
```


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```
dnssec-enable yes;

dnssec-validation yes;


/* Path to ISC DLV key */

bindkeys-file "/etc/named.root.key";


managed-keys-directory "/var/named/dynamic";


pid-file "/run/named/named.pid";

session-keyfile "/run/named/session.key";
};

logging {
channel default _debug {
file "data/named.run";
severity dynamic;
};
};

zone "." IN {

type hint;


file "named.ca";
};

include "/etc/named.rfc1912.zones";
include "/etc/named.root.key";

include "/etc/named/named.conf.local";

# chmod 755 /etc/named

# nano /etc/named/named.conf.local

zone "teo-en-ming.com" {
type slave;
file "slaves/db.teo-en-ming.com";
masters { 13.58.253.162; }; # ns1 private IP
};


# named-checkconf
```

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systemctl start named

systemctl enable named

Testing the Secondary DNS Server
==========

$ dig @3.20.186.205 teo-en-ming.com

Configuring Custom Name Servers At Your Domain Registrar
==========

Go to DNS management.

Under host names,

Set ns1 to 13.58.253.162

Set ns2 to 3.20.186.205

Set custom name servers to:

ns1.teo-en-ming.com

ns2.teo-en-ming.com

REFERENCE
==========

Guide: How to Set up a CentOS Web Panel

Link: https://www.alibabacloud.com/blog/how-to-set-up-a-centos-web-panel _595183

Setting Up CentOS Web Panel
==========

$ sudo passwd

$ su -

yum -y update & & yum -y install wget

hostnamectl set-hostname www.teo-en-ming.com

cd /usr/local/src & & wget http://centos-webpanel.com/cwp-el7-latest & & sh cwp-el7-latest

Started installing CentOS Web Panel at 6.24 PM on 23 Feb 2020 Sunday.

Completed installing CentOS Web Panel at 6.30 PM on 23 Feb 2020 Sunday.

Total duration: 6 mins

# #

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CWP Installed
# #

Go to CentOS WebPanel Admin GUI at http://SERVER _IP:2030/

http://3.21.30.127:2030
SSL: https://3.21.30.127:2031

Username: root
Password: ssh server root password
MySQL root Password:

# # # # # # # # # # # # # # # # # # # #

AUTHOR: MR. TURRITOPSIS DOHRNII TEO EN MING, SINGAPORE

REFERENCES
==========

[1] [1]https://lkml.org/lkml/2020/2/23/71

[2] [2]http://lkml.iu.edu/hypermail/linux/kernel/2002.2/08712.html

[3] [3]https://marc.info/?l=linux-kernel &m=158246414013004 &w=2

[4] [4]http://lists.linuxfromscratch.org/pipermail/lfs-chat/2020-February/029 096.html

[5] [5]https://lists.isc.org/pipermail/bind-users/2020-February/102673.html

[6] [6]https://lists.centos.org/pipermail/centos/2020-February/349647.html

[7] [7]https://marc.info/?l=apache-httpd-users &m=158246714513728 &w=2

[8] [8]https://lists.launchpad.net/maria-discuss/msg05714.html

[9] [9]https://marc.info/?l=php-general &m=158246811013917 &w=2

1. https://lkml.org/lkml/2020/2/23/71
2. http://lkml.iu.edu/hypermail/linux/kernel/2002.2/08712.html
3. https://marc.info/?l=linux-kernel&m=158246414013004&w=2
4. http://lists.linuxfromscratch.org/pipermail/lfs-chat/2020-February/029096.html
5. https://lists.isc.org/pipermail/bind-users/2020-February/102673.html
6. https://lists.centos.org/pipermail/centos/2020-February/349647.html
7. https://marc.info/?l=apache-httpd-users&m=158246714513728&w=2
8. https://lists.launchpad.net/maria-discuss/msg05714.html
9. https://marc.info/?l=php-general&m=158246811013917&w=2

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[YOUTUBE] Japanese Cosplayer Naomie and Ayu Mantou at GV Plaza on 22 Feb 2020 Sat

(2020-02-23 00:07) - Turritopsis Dohrnii Teo En Ming

[YOUTUBE] Japanese Cosplayer Naomie and Ayu Mantou at GV Plaza on 22 Feb 2020 Sat

4K video taken with Panasonic FZ1000 Mark 2 bridge camera

Link: [1]https://www.youtube.com/watch?v=ANn9QF8ZWtk

1. `https://www.youtube.com/watch?v=ANn9QF8ZWtk`

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How to Mount and Unmount QEMU Images (Updated 23 Feb 2020) (2020-02-23 00:04) - Turritopsis Dohrnii Teo En Ming

How to Mount QEMU Images

sudo losetup /dev/loop18 win10.img

sudo kpartx -a /dev/loop18

sudo ntfsfix /dev/mapper/loop18p4

sudo mount -t ntfs -o remove _hiberfile /dev/mapper/loop18p4 /mnt/cdrive

How to Unmount QEMU Images

sudo umount /mnt/cdrive

sudo kpartx -d /dev/loop18

sudo losetup -d /dev/loop18

Reference

[1]http://blog.siphos.be/2016/09/mounting-qemu-images/

1. http://blog.siphos.be/2016/09/mounting-qemu-images/

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Turritopsis Dohrnii Teo En Ming's Idol and Hero Zhang Wuji (2020-02-22 12:05) - Turritopsis Dohrnii Teo En Ming

Turritopsis Dohrnii Teo En Ming's Idol and Hero Zhang Wuji

[YOUTUBE] Heavenly Sword Dragon Slaying Saber (2019) Episode 50 FINAL

Link: [1]https://youtu.be/Ggb0Emgn1pM?t=1851

1. `https://youtu.be/Ggb0Emgn1pM?t=1851`

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Li Yitong - Legend of the Condor Heroes 2017 Music Video (2020-02-22 12:04) - Turritopsis Dohrnii Teo En Ming

Li Yitong - Legend of the Condor Heroes 2017 Music Video

Link: [1]https://www.youtube.com/watch?v=1FEp1x0I6sM

1. `https://www.youtube.com/watch?v=1FEp1x0I6sM`

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Turritopsis Dohrnii Teo En Ming's Idol and Hero Guo Jing (2020-02-22 00:20) - Turritopsis Dohrnii Teo En Ming

Turritopsis Dohrnii Teo En Ming's Idol and Hero Guo Jing

[YOUTUBE] Legend of the Condor Heroes (2017) Episode 52 FINAL

Link: [1]https://youtu.be/JKN-AujYlZw?t=2071

1. `https://youtu.be/JKN-AujYlZw?t=2071`

The Wisdom of Hong Qigong (2020-02-22 00:07) - Turritopsis Dohrnii Teo En Ming

The Wisdom of Hong Qigong

[YOUTUBE] Legend Of The Condor Heroes (2017) Episode 26

Link: [1]https://youtu.be/KKBqetBo62o?t=2211

1. `https://youtu.be/KKBqetBo62o?t=2211`

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(I really wish to live for another 500 years) (2020-02-21 23:35) - Turritopsis Dohrnii Teo En Ming

(I really wish to live for another 500 years)

[YOUTUBE] The Era of Emperor Kangxi Episode 1

Link: [1]https://www.youtube.com/watch?v= _rA9r7QHPig

1. `https://www.youtube.com/watch?v=_rA9r7QHPig`

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Turritopsis Dohrnii Teo En Ming's Idol and Hero Zhang Wuji (2020-02-21 23:15) - Turritopsis Dohrnii Teo En Ming

Turritopsis Dohrnii Teo En Ming's Idol and Hero Zhang Wuji

[YOUTUBE] Heavenly Sword Dragon Slaying Saber (2019) Episode 50 FINAL

Link: [1]https://youtu.be/Ggb0Emgn1pM?t=1851

1. `https://youtu.be/Ggb0Emgn1pM?t=1851`

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[YOUTUBE] Legend of the Eight Immortals Episode 1 (2020-02-21 23:01) - Turritopsis Dohrnii Teo En Ming

Link: [1]https://www.youtube.com/watch?v=ho7BwwzYXJg

1. `https://www.youtube.com/watch?v=ho7BwwzYXJg`

[YOUTUBE] The Bodhidharma Episode 14 (2020-02-21 22:46) - Turritopsis Dohrnii Teo En Ming

Link: [1]https://youtu.be/qBLJ _xD _7Vw?t=1649

1. `https://youtu.be/qBLJ_xD_7Vw?t=1649`

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[YOUTUBE] The Bodhidharma Episode 10 (2020-02-21 22:44) - Turritopsis Dohrnii Teo En Ming

Link: [1]https://youtu.be/QPKQlPYwMsY?t=537

1. `https://youtu.be/QPKQlPYwMsY?t=537`

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How to Install Google Chrome on Ubuntu 18.04.3 LTS Desktop Linux (2020-02-21 22:41) - Turritopsis Dohrnii Teo En Ming

Steps

====

1. Go to https://www.google.com/chrome
2. Select the .deb package for Debian/Ubuntu Linux to download
3. sudo dpkg -i google-chrome-stable _current _amd64.deb

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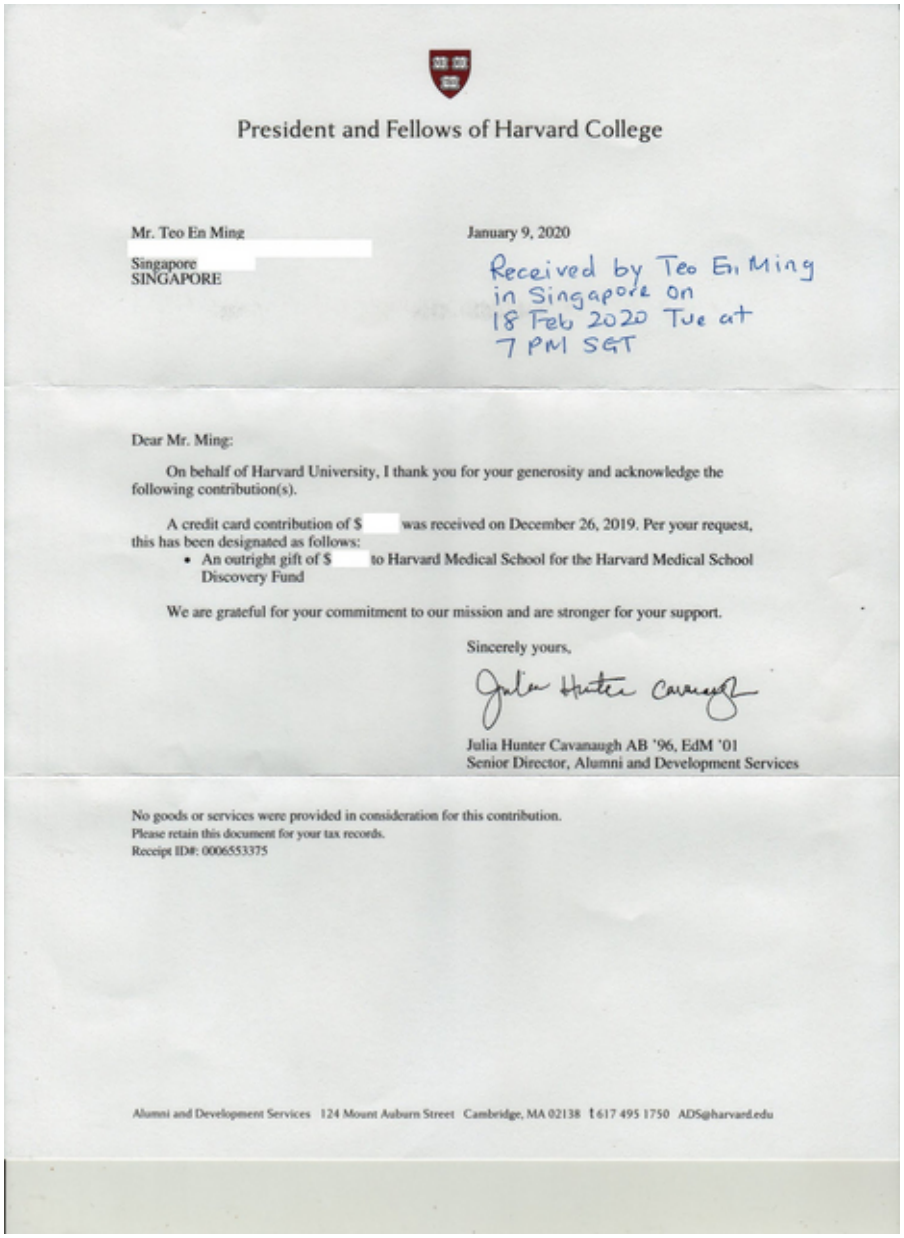
[Samba] Why are ForeignSecurityPrincipals and Managed Service Accounts empty with no entries? (2020-02-21 22:38) - Turritopsis Dohrnii Teo En Ming

Link: [1]https://lists.samba.org/archive/samba/2020-February/228385.html

1. https://lists.samba.org/archive/samba/2020-February/228385.html

Letter from Harvard University dated 9 Jan 2020 (2020-02-19 22:04) - Turritopsis Dohrnii Teo En Ming



President and Fellows of Harvard College

Mr. Teo En Ming
[redacted]
Singapore [redacted]
SINGAPORE

January 9, 2020

Received by Teo En Ming in Singapore on 18 Feb 2020 Tue at 7 PM SGT

Dear Mr. Ming:

On behalf of Harvard University, I thank you for your generosity and acknowledge the following contribution(s).

A credit card contribution of $ [redacted] was received on December 26, 2019. Per your request, this has been designated as follows:

- An outright gift of $ [redacted] to Harvard Medical School for the Harvard Medical School Discovery Fund

We are grateful for your commitment to our mission and are stronger for your support.

Sincerely yours,

Julia Hunter Cavanaugh AB '96, EdM '01
Senior Director, Alumni and Development Services

No goods or services were provided in consideration for this contribution.
Please retain this document for your tax records.
Receipt ID#: 0006553375

Alumni and Development Services 124 Mount Auburn Street Cambridge, MA 02138 t 617 495 1750 ADS@harvard.edu

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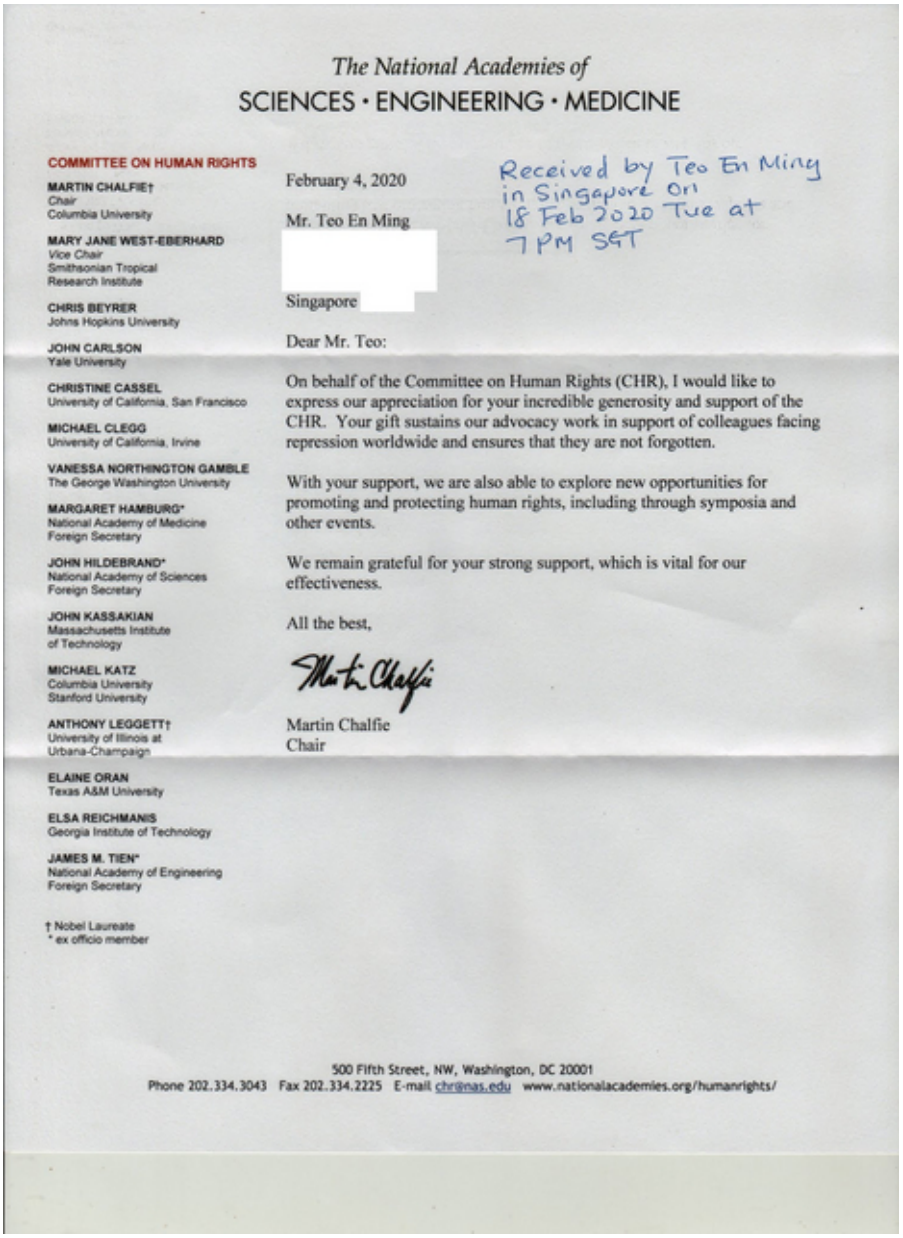
Letter from National Academy of Sciences Committee on Human Rights dated 4 Feb 2020 (2020-02-19 22:01) - Turritopsis Dohrnii Teo En Ming



The National Academies of
SCIENCES · ENGINEERING · MEDICINE

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† Nobel Laureate
* ex officio member

February 4, 2020

Received by Teo En Ming in Singapore On 18 Feb 2020 Tue at 7 PM SGT

Mr. Teo En Ming
[redacted]
Singapore

Dear Mr. Teo:

On behalf of the Committee on Human Rights (CHR), I would like to express our appreciation for your incredible generosity and support of the CHR. Your gift sustains our advocacy work in support of colleagues facing repression worldwide and ensures that they are not forgotten.

With your support, we are also able to explore new opportunities for promoting and protecting human rights, including through symposia and other events.

We remain grateful for your strong support, which is vital for our effectiveness.

All the best,

Martin Chalfie
Chair

500 Fifth Street, NW, Washington, DC 20001
Phone 202.334.3043 Fax 202.334.2225 E-mail chr@nas.edu www.nationalacademies.org/humanrights/

[YOUTUBE] Samba 4.11.6 and CentOS 8.1 as Active Directory Domain Controller (2020-02-19 21:59) - Turritopsis Dohrnii Teo En Ming

[YOUTUBE] Samba 4.11.6 and CentOS 8.1 as Active Directory Domain Controller

Link: [1]https://www.youtube.com/watch?v=aBFQLy9aryY

1. `https://www.youtube.com/watch?v=aBFQLy9aryY`

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Removing libvirt from CentOS 8.1 running as Samba Active Directory Domain Controller

(2020-02-15 19:51) - Turritopsis Dohrnii Teo En Ming

Removing libvirt from CentOS 8.1 running as Samba Active Directory Domain Controller

libvirt provides dnsmasq, which interferes with Samba's internal DNS backend or BIND9 DNS backend. Hence it has to be removed.

systemctl stop libvirtd

systemctl disable libvirtd

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Teo En Ming's Manual for Setting Up Samba 4.11.6 and CentOS 8.1 (1911) Linux Server QEMU/KVM Virtual Machine as an Active Directory Domain Controller (AD DC) (2020-02-15 19:46) - Turritopsis Dohrnii Teo En Ming

REFERENCES
==========

[10] [1]https://lists.centos.org/pipermail/centos/2020-February/34958 8.html

1. https://lists.centos.org/pipermail/centos/2020-February/349588.html

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Teo En Ming's Manual for Setting Up Samba 4.11.6 and CentOS 8.1 (1911) Linux Server QEMU/KVM Virtual Machine as an Active Directory Domain Controller (AD DC) (2020-02-15 14:57) - Turritopsis Dohrnii Teo En Ming

Subject: Teo En Ming's Manual for Setting Up Samba 4.11.6 and CentOS 8.1 (1911) Linux Server QEMU/KVM Virtual Machine as an Active Directory Domain Controller (AD DC)

Subject: Teo En Ming's Manual for Setting Up Samba 4.11.6 and CentOS 8.1 (1911) Linux Server QEMU/KVM Virtual Machine as an Active Directory Domain Controller (AD DC)

PUBLISHED 15 FEB 2020 SATURDAY, SINGAPORE, SINGAPORE, SINGAPORE

This manual/guide is meant for small and medium businesses (SMB) which do not want to spend a lot of money on Windows Server 2016/2019 licensing.

REFERENCE GUIDE
==========

Guide: Setting up Samba as an Active Directory Domain Controller

Link:
https://wiki.samba.org/index.php/Setting_up_Samba_as_an_Active_Directory_Domain_Controller

EXTREMELY DETAILED INSTRUCTIONS OF TEO EN MING'S MANUAL
==========

Starting CentOS 8.1 (1911) Linux Server QEMU/KVM Virtual Machine on Ubuntu 18.04.3 LTS Desktop Host
==========

Virtual Machine Manager (virt-manager) depends on libvirtd service.

```
$ sudo systemctl start libvirtd.service
```

Start the Virtual Machine Manager.

```
$ sudo virt-manager
```

Select the CentOS 8.1 QEMU/KVM virtual machine and click "Power on the virtual machine".

REFERENCE GUIDE
==========

Guide: ENABLING HOST-GUEST NETWORKING WITH KVM, MACVLAN AND MACVTAP

Link:
https://www.furorteutonicus.eu/2013/08/04/enabling-host-guest-networking-with-kvm-macvlan-and-macvtap/

```
Still on the Ubuntu 18.04.3 LTS Desktop host.

$ nano /home/teo-en-ming/macvlan.sh

#!/bin/bash

# Adapted by Teo En Ming on 14 Feb 2020 Friday (Valentine's Day in Singapore).

# let host and guests talk to each other over macvlan
# configures a macvlan interface on the hypervisor
# run this on the hypervisor (e.g. in /etc/rc.local)
# made for IPv4; need modification for IPv6
# meant for a simple network setup with only eth0 or enp5s0 on the host,
# and a static (manual) ip config
# Original Author: Evert Mouw, 2013 (European Union)

#HWLINK=eth0
HWLINK=enp5s0
MACVLN=macvlan0
TESTHOST=www.google.com

# ------------
# wait for network availability
# ------------

# IPv4 pings only

while ! ping -4 -q -c 1 $TESTHOST > /dev/null
do
    echo "$0: Cannot ping $TESTHOST, waiting another 5 secs..."
    sleep 5
done

# ------------
# get network config
# ------------

IP=$(ip address show dev $HWLINK | grep "inet " | awk '{print $2}')
NETWORK=$(ip -o route | grep $HWLINK | grep -v default | grep -v 169 | awk
'{print $1}')
GATEWAY=$(ip -o route | grep default | awk '{print $3}')

# ------------
# setting up $MACVLN interface
# ------------

ip link add link $HWLINK $MACVLN type macvlan mode bridge
ip address add $IP dev $MACVLN
ip link set dev $MACVLN up

# ------------
# routing table
```


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```
# ------------

# empty routes
ip route flush dev $HWLINK
ip route flush dev $MACVLN

# add routes
ip route add $NETWORK dev $MACVLN metric 0

# add the default gateway
ip route add default via $GATEWAY

===END OF LINUX SHELL SCRIPT===

$ sudo chmod +x /home/teo-en-ming/macvlan.sh

$ sudo /home/teo-en-ming/macvlan.sh

192.168.1.122 is the IP address (DHCP auto configuration) of the CentOS 8.1
Linux Server.
ssh into the CentOS 8.1 Linux Server.

ssh teo-en-ming@192.168.1.122

PREPARING THE INSTALLATION ON CENTOS 8.1 LINUX SERVER
=====================================================

Setting hostname of CentOS 8.1 Linux Server.
============================================

# hostnamectl set-hostname dc1

To see the hostname:

# hostnamectl

Output:

   Static hostname: dc1
         Icon name: computer-vm
           Chassis: vm
        Machine ID: 668fdf5de7214d56be0ef8b65f7166e9
           Boot ID: 5691a1a2dacd41c4ab5871d25885e138
    Virtualization: kvm
  Operating System: CentOS Linux 8 (Core)
       CPE OS Name: cpe:/o:centos:centos:8
            Kernel: Linux 4.18.0-147.el8.x86_64
      Architecture: x86-64

How to set static IP address 192.168.1.10 on CentOS 8.1 Linux Server
====================================================================

# cd /etc/sysconfig/network-scripts/
```

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```
# nano ifcfg-ens3

TYPE="Ethernet"
PROXY_METHOD="none"
BROWSER_ONLY="no"
BOOTPROTO="static"
DEFROUTE="yes"
IPV4_FAILURE_FATAL="no"
IPV6INIT="yes"
IPV6_AUTOCONF="yes"
IPV6_DEFROUTE="yes"
IPV6_FAILURE_FATAL="no"
IPV6_ADDR_GEN_MODE="stable-privacy"
NAME="ens3"
UUID="8e179c97-1388-48ee-a8be-d173ee3ff40c"
DEVICE="ens3"
ONBOOT="yes"
IPADDR="192.168.1.10"
PREFIX="24"
GATEWAY="192.168.1.1"
DNS1="8.8.8.8" ==={\textgreater}{\textgreater}> (IF YOU USE THIS LINE, NETWORK MANAGER WILL ALWAYS
OVERWRITE /etc/resolv.conf, which is undesirable)

# reboot

ssh into CentOS 8.1 Linux Server with static IP address 192.168.1.10.

$ ssh teo-en-ming@192.168.1.10

Check if Samba processes are running:

# ps ax | egrep "samba|smbd|nmbd|winbindd"

# nano /etc/hosts

Contents of file:

127.0.0.1   localhost localhost.localdomain localhost4 localhost4.localdomain4
::1         localhost localhost.localdomain localhost6 localhost6.localdomain6
192.168.1.10 dc1.teo-en-ming.corp dc1

Backup the original /etc/krb5.conf

# mv /etc/krb5.conf /etc/krb5.conf.bak

INSTALLING SAMBA 4.11.6 ON CENTOS 8.1 LINUX SERVER QEMU/KVM VIRTUAL MACHINE
============================================================================

REFERENCE GUIDE
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Guide: Build Samba from Source
```


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```
Link: https://wiki.samba.org/index.php/Build_Samba_from_Source

Installing package dependencies before building Samba on CentOS 8.1 Linux
Server.

# yum -y install dnf-plugins-core

# yum config-manager --set-enabled PowerTools

# yum install docbook-style-xsl gcc gdb gnutls-devel gpgme-devel jansson-devel
# yum install keyutils-libs-devel krb5-workstation libacl-devel libaio-devel
# yum install libarchive-devel libattr-devel libblkid-devel libtasn1
libtasn1-tools
# yum install libxml2-devel libxslt openldap-devel pam-devel perl
# yum install perl-ExtUtils-MakeMaker perl-Parse-Yapp popt-devel
python3-cryptography
# yum install python3-dns python3-gpg python36-devel readline-devel rpcgen
systemd-devel
# yum install tar zlib-devel

Compulsory Packages NOT installed at the moment:

lmdb-devel

Download Samba current stable release 4.11.6.

# wget https://download.samba.org/pub/samba/stable/samba-4.11.6.tar.gz

# tar -zxf samba-4.11.6.tar.gz

# cd samba-4.11.6/

# ./configure

Output:

Samba AD DC and --enable-selftest requires lmdb 0.9.16 or later

# yum install
https://dl.fedoraproject.org/pub/epel/epel-release-latest-8.noarch.rpm

# yum install lmdb-devel

Run ./configure again.

# ./configure

Output:

'configure' finished successfully (42.262s)

Make full use of all 4 cores on my AMD Ryzen 3 3200G processor.
```

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```
# make -j 4

Output:

Waf: Leaving directory `/root/samba-4.11.6/bin/default'
'build' finished successfully (9m24.396s)

# make install

Output:

Waf: Leaving directory `/root/samba-4.11.6/bin/default'
'install' finished successfully (2m58.171s)

# nano /etc/profile

Append the following line:

export PATH=$PATH:/usr/local/samba/bin/:/usr/local/samba/sbin/

PROVISIONING A SAMBA ACTIVE DIRECTORY DOMAIN CONTROLLER
=======================================================

Provisioning Samba AD DC in Interactive Mode.

The original intention was to use SAMBA_INTERNAL DNS backend.

# samba-tool domain provision --use-rfc2307 --interactive

Output:

Realm [TEO-EN-MING.CORP]:  TEO-EN-MING.CORP
Domain [TEO-EN-MING]:  TEO-EN-MING
Server Role (dc, member, standalone) [dc]:  dc
DNS backend (SAMBA_INTERNAL, BIND9_FLATFILE, BIND9_DLZ, NONE) [SAMBA_INTERNAL]:
 SAMBA_INTERNAL
DNS forwarder IP address (write 'none' to disable forwarding) [8.8.8.8]:
8.8.8.8
Administrator password:
Retype password:
INFO 2020-02-14 22:56:13,700 pid:2609
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/__init__.py
#2128: Looking up IPv4 addresses
WARNING 2020-02-14 22:56:13,702 pid:2609
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/__init__.py
#2134: More than one IPv4 address found. Using 192.168.1.10
INFO 2020-02-14 22:56:13,702 pid:2609
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/__init__.py
#2145: Looking up IPv6 addresses
WARNING 2020-02-14 22:56:13,702 pid:2609
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/__init__.py
#2150: More than one IPv6 address found. Using 2401:7400:c802:de67::14c2
```


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```
INFO 2020-02-14 22:56:14,152 pid:2609
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/__init__.py
#2319: Setting up share.ldb
INFO 2020-02-14 22:56:14,595 pid:2609
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/__init__.py
#2323: Setting up secrets.ldb
INFO 2020-02-14 22:56:14,848 pid:2609
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/__init__.py
#2329: Setting up the registry
INFO 2020-02-14 22:56:16,031 pid:2609
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/__init__.py
#2332: Setting up the privileges database
INFO 2020-02-14 22:56:16,721 pid:2609
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/__init__.py
#2335: Setting up idmap db
INFO 2020-02-14 22:56:17,155 pid:2609
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/__init__.py
#2342: Setting up SAM db
INFO 2020-02-14 22:56:17,263 pid:2609
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/__init__.py
#898: Setting up sam.ldb partitions and settings
INFO 2020-02-14 22:56:17,266 pid:2609
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/__init__.py
#910: Setting up sam.ldb rootDSE
INFO 2020-02-14 22:56:17,331 pid:2609
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/__init__.py
#1339: Pre-loading the Samba 4 and AD schema
Unable to determine the DomainSID, can not enforce uniqueness constraint on
local domainSIDs

INFO 2020-02-14 22:56:17,548 pid:2609
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/__init__.py
#1417: Adding DomainDN: DC=teo-en-ming,DC=corp
INFO 2020-02-14 22:56:17,646 pid:2609
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/__init__.py
#1449: Adding configuration container
INFO 2020-02-14 22:56:17,722 pid:2609
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/__init__.py
#1464: Setting up sam.ldb schema
INFO 2020-02-14 22:56:21,121 pid:2609
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/__init__.py
#1482: Setting up sam.ldb configuration data
INFO 2020-02-14 22:56:21,263 pid:2609
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/__init__.py
#1523: Setting up display specifiers
INFO 2020-02-14 22:56:23,502 pid:2609
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/__init__.py
#1531: Modifying display specifiers and extended rights
INFO 2020-02-14 22:56:23,543 pid:2609
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/__init__.py
#1538: Adding users container
INFO 2020-02-14 22:56:23,545 pid:2609
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/__init__.py
```

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```
#1544: Modifying users container
INFO 2020-02-14 22:56:23,547 pid:2609
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/__init__.py
#1547: Adding computers container
INFO 2020-02-14 22:56:23,549 pid:2609
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/__init__.py
#1553: Modifying computers container
INFO 2020-02-14 22:56:23,550 pid:2609
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/__init__.py
#1557: Setting up sam.ldb data
INFO 2020-02-14 22:56:23,695 pid:2609
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/__init__.py
#1587: Setting up well known security principals
INFO 2020-02-14 22:56:23,760 pid:2609
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/__init__.py
#1601: Setting up sam.ldb users and groups
INFO 2020-02-14 22:56:24,075 pid:2609
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/__init__.py
#1609: Setting up self join
Repacking database from v1 to v2 format (first record
CN=ms-DS-Replication-Notify-First-DSA-Delay,CN=Schema,CN=Configuration,DC=teo-e
n-ming,DC=corp)
Repack: re-packed 10000 records so far
Repacking database from v1 to v2 format (first record
CN=interSiteTransport-Display,CN=405,CN=DisplaySpecifiers,CN=Configuration,DC=t
eo-en-ming,DC=corp)
Repacking database from v1 to v2 format (first record
CN=6bcd567f-8314-11d6-977b-00c04f613221,CN=Operations,CN=DomainUpdates,CN=Syste
m,DC=teo-en-ming,DC=corp)
INFO 2020-02-14 22:56:27,001 pid:2609
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/sambadns.py
#1138: Adding DNS accounts
INFO 2020-02-14 22:56:27,377 pid:2609
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/sambadns.py
#1172: Creating CN=MicrosoftDNS,CN=System,DC=teo-en-ming,DC=corp
INFO 2020-02-14 22:56:27,401 pid:2609
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/sambadns.py
#1185: Creating DomainDnsZones and ForestDnsZones partitions
INFO 2020-02-14 22:56:27,620 pid:2609
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/sambadns.py
#1190: Populating DomainDnsZones and ForestDnsZones partitions
Repacking database from v1 to v2 format (first record
DC=f.root-servers.net,DC=RootDNSServers,CN=MicrosoftDNS,DC=DomainDnsZones,DC=te
o-en-ming,DC=corp)
Repacking database from v1 to v2 format (first record
DC=_ldap._tcp.dc,DC=_msdcs.teo-en-ming.corp,CN=MicrosoftDNS,DC=ForestDnsZones,D
C=teo-en-ming,DC=corp)
INFO 2020-02-14 22:56:28,660 pid:2609
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/__init__.py
#2032: Setting up sam.ldb rootDSE marking as synchronized
INFO 2020-02-14 22:56:28,734 pid:2609
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/__init__.py
#2037: Fixing provision GUIDs
```


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```
INFO 2020-02-14 22:56:29,720 pid:2609
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/__init__.py
#2395: A Kerberos configuration suitable for Samba AD has been generated at
/usr/local/samba/private/krb5.conf
INFO 2020-02-14 22:56:29,720 pid:2609
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/__init__.py
#2396: Merge the contents of this file with your system krb5.conf or replace it
with this one. Do not create a symlink!
INFO 2020-02-14 22:56:30,078 pid:2609
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/__init__.py
#2102: Setting up fake yp server settings
INFO 2020-02-14 22:56:30,277 pid:2609
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/__init__.py
#491: Once the above files are installed, your Samba AD server will be ready to
use
INFO 2020-02-14 22:56:30,277 pid:2609
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/__init__.py
#495: Server Role:           active directory domain controller
INFO 2020-02-14 22:56:30,278 pid:2609
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/__init__.py
#496: Hostname:              dc1
INFO 2020-02-14 22:56:30,278 pid:2609
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/__init__.py
#497: NetBIOS Domain:        TEO-EN-MING
INFO 2020-02-14 22:56:30,278 pid:2609
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/__init__.py
#498: DNS Domain:            teo-en-ming.corp
INFO 2020-02-14 22:56:30,278 pid:2609
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/__init__.py
#499: DOMAIN SID:            S-1-5-21-3028196010-72872391-2123559056

Configuring the DNS Resolver. Network Manager will keep overwriting
/etc/resolv.conf. This problem will be resolved later.

# nano /etc/resolv.conf

Contents of file:

search teo-en-ming.corp
nameserver 192.168.1.10

REFERENCE GUIDE
===============

Guide: Managing the Samba AD DC Service Using Systemd

Link:
https://wiki.samba.org/index.php/Managing_the_Samba_AD_DC_Service_Using_Systemd

# systemctl mask smbd nmbd winbind

# systemctl disable smbd nmbd winbind
```

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```
# nano /etc/systemd/system/samba-ad-dc.service

Contents of file:

[Unit]
Description=Samba Active Directory Domain Controller
After=network.target remote-fs.target nss-lookup.target

[Service]
Type=forking
ExecStart=/usr/local/samba/sbin/samba -D
PIDFile=/usr/local/samba/var/run/samba.pid
ExecReload=/bin/kill -HUP $MAINPID

[Install]
WantedBy=multi-user.target

# systemctl daemon-reload

# systemctl enable samba-ad-dc

# systemctl start samba-ad-dc

Output:

Job for samba-ad-dc.service failed because the control process exited with
error code.
See "systemctl status samba-ad-dc.service" and "journalctl -xe" for details.

The SAMBA AD DC service cannot start because SELINUX is enabled on CentOS 8.1.
We will see later.

# systemctl status samba-ad-dc

Output:

  samba-ad-dc.service - Samba Active Directory Domain Controller
    Loaded: loaded (/etc/systemd/system/samba-ad-dc.service; enabled; vendor
preset: disabled)
    Active: failed (Result: exit-code) since Sat 2020-02-15 08:39:58 +08; 46s
ago
   Process: 6967 ExecStart=/usr/local/samba/sbin/samba -D (code=exited,
status=203/EXEC)
 Main PID: 1595 (code=exited, status=203/EXEC)

Feb 15 08:39:58 dc1 systemd[1]: Starting Samba Active Directory Domain
Controller...
Feb 15 08:39:58 dc1 systemd[1]: samba-ad-dc.service: Control process exited,
code=exited status=203
Feb 15 08:39:58 dc1 systemd[1]: samba-ad-dc.service: Failed with result
'exit-code'.
Feb 15 08:39:58 dc1 systemd[1]: Failed to start Samba Active Directory Domain
Controller.
```


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```
SAMBA AD DC service cannot start because SELINUX is enabled on CentOS 8.1.
We will see later.

# reboot

Start Samba AD DC manually.

# samba -D

Create a reverse zone in Samba Internal DNS Backend.

# samba-tool dns zonecreate 192.168.1.10 1.168.192.in-addr.arpa -U
administrator

Output:

Password for [TEO-EN-MING\administrator]:
Zone 1.168.192.in-addr.arpa created successfully

Configuring Kerberos
====================

cp /usr/local/samba/private/krb5.conf /etc/krb5.conf

Starting Samba AD DC Manually.

# samba -D

Verifying the File Server.
==========================

$ smbclient -L localhost -U%

Output:

 Sharename       Type      Comment
 ---------       ----      -------
 sysvol          Disk
 netlogon        Disk
 IPC$            IPC       IPC Service (Samba 4.11.6)
SMB1 disabled -- no workgroup available

$ smbclient //localhost/netlogon -UAdministrator -c 'ls'

Output:

Enter TEO-EN-MING\Administrator's password:
  .                                   D        0  Fri Feb 14 22:56:17 2020
  ..                                  D        0  Fri Feb 14 22:56:24 2020

  17811456 blocks of size 1024. 12025652 blocks available
```

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```
Verifying DNS (Failed)
======================

# killall dnsmasq

$ host -t SRV _ldap._tcp.teo-en-ming.corp.

Output:

Host _ldap._tcp.teo-en-ming.corp. not found: 3(NXDOMAIN)

$ host -t SRV _kerberos._udp.teo-en-ming.corp.

Output:

Host _kerberos._udp.teo-en-ming.corp. not found: 3(NXDOMAIN)

$ host -t A dc1.teo-en-ming.corp.

Output:

Host dc1.teo-en-ming.corp. not found: 3(NXDOMAIN)

I am unable to find the above DNS records because Network Manager keeps
overwriting /etc/resolv.conf
As a result, I am always looking up the WRONG DNS server.

Verifying Kerberos
==================

$ kinit administrator

Output:

kinit: Cannot find KDC for realm "TEO-EN-MING.CORP" while getting initial
credentials

The above problem is also due to Network Manager keeps overwriting
/etc/resolv.conf.
As a result, I am always looking up the WRONG DNS server.

TROUBLESHOOTING: DISABLE SELINUX ON CENTOS 8.1
==============================================

$ sestatus

Output:

SELinux status:                 enabled
SELinuxfs mount:                /sys/fs/selinux
SELinux root directory:         /etc/selinux
Loaded policy name:             targeted
Current mode:                   enforcing
```


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```
Mode from config file:          enforcing
Policy MLS status:              enabled
Policy deny_unknown status:     allowed
Memory protection checking:     actual (secure)
Max kernel policy version:      31

# nano /etc/sysconfig/selinux

Change from SELINUX=enforcing to SELINUX=disabled

# reboot

$ sestatus

SELinux status:                 disabled

After disabling SELINUX, now we can start Samba AD DC successfully.

# systemctl status samba-ad-dc

Output:

  samba-ad-dc.service - Samba Active Directory Domain Controller
    Loaded: loaded (/etc/systemd/system/samba-ad-dc.service; enabled; vendor
preset: disabled)
    Active: active (running) since Sat 2020-02-15 08:50:22 +08; 1min 0s ago
   Process: 1084 ExecStart=/usr/local/samba/sbin/samba -D (code=exited,
status=0/SUCCESS)
 Main PID: 1131 (samba)
     Tasks: 44 (limit: 23972)
    Memory: 261.8M
    CGroup: /system.slice/samba-ad-dc.service
            1131 /usr/local/samba/sbin/samba -D
            1375 /usr/local/samba/sbin/samba -D
            1376 /usr/local/samba/sbin/samba -D
            1377 /usr/local/samba/sbin/samba -D
            1379 /usr/local/samba/sbin/samba -D
            1380 /usr/local/samba/sbin/samba -D
            1387 /usr/local/samba/sbin/smbd -D --option=server role
check:inhibit=yes --foreground
            1389 /usr/local/samba/sbin/samba -D
            1391 /usr/local/samba/sbin/samba -D
            1392 /usr/local/samba/sbin/samba -D
            1393 /usr/local/samba/sbin/samba -D
            1396 /usr/local/samba/sbin/samba -D
            1398 /usr/local/samba/sbin/samba -D
            1399 /usr/local/samba/sbin/samba -D
            1403 /usr/local/samba/sbin/samba -D
            1404 /usr/local/samba/sbin/samba -D
            1407 /usr/local/samba/sbin/samba -D
            1408 /usr/local/samba/sbin/samba -D
            1409 /usr/local/samba/sbin/samba -D
            1411 /usr/local/samba/sbin/samba -D
```

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```
            1412 /usr/local/samba/sbin/samba -D
            1413 /usr/local/samba/sbin/samba -D
            1415 /usr/local/samba/sbin/samba -D
            1416 /usr/local/samba/sbin/samba -D
            1418 /usr/local/samba/sbin/samba -D
            1419 /usr/local/samba/sbin/samba -D
            1420 /usr/local/samba/sbin/samba -D
            1422 /usr/local/samba/sbin/samba -D
            1423 /usr/local/samba/sbin/samba -D
            1424 /usr/local/samba/sbin/winbindd -D --option=server role
check:inhibit=yes --foreground
            1426 /usr/local/samba/sbin/samba -D
            1427 /usr/local/samba/sbin/samba -D
            1429 /usr/local/samba/sbin/samba -D
            1464 /usr/local/samba/sbin/smbd -D --option=server role
check:inhibit=yes --foreground
            1465 /usr/local/samba/sbin/smbd -D --option=server role
check:inhibit=yes --foreground
            1469 /usr/local/samba/sbin/smbd -D --option=server role
check:inhibit=yes --foreground
            1490 /usr/local/samba/sbin/samba -D
            1492 /usr/local/samba/sbin/samba -D
            1493 /usr/local/samba/sbin/samba -D
            1495 /usr/local/samba/sbin/samba -D
            1496 /usr/local/samba/sbin/samba -D
            1498 /usr/local/samba/sbin/samba -D
            1499 /usr/local/samba/sbin/samba -D
            1501 /usr/local/samba/sbin/samba -D

Feb 15 08:50:25 dc1 samba[1131]: [2020/02/15 08:50:25.778777,  0]
../../source4/smbd/process_prefork.c:512(prefork_child_pipe_handler)
Feb 15 08:50:25 dc1 samba[1131]:   prefork_child_pipe_handler: Parent 1131,
Child 1406 exited with status 0
Feb 15 08:50:27 dc1 smbd[1387]: [2020/02/15 08:50:27.634592,  0]
../../lib/util/become_daemon.c:136(daemon_ready)
Feb 15 08:50:27 dc1 smbd[1387]:   daemon_ready: daemon 'smbd' finished starting
up and ready to serve connections
Feb 15 08:50:27 dc1 winbindd[1424]: [2020/02/15 08:50:27.761081,  0]
../../source3/winbindd/winbindd_cache.c:3166(initialize_winbindd_cache)
Feb 15 08:50:27 dc1 winbindd[1424]:   initialize_winbindd_cache: clearing cache
and re-creating with version number 2
Feb 15 08:50:27 dc1 winbindd[1424]: [2020/02/15 08:50:27.770049,  0]
../../lib/util/become_daemon.c:136(daemon_ready)
Feb 15 08:50:27 dc1 winbindd[1424]:   daemon_ready: daemon 'winbindd' finished
starting up and ready to serve connections
Feb 15 08:50:27 dc1 samba[1426]: [2020/02/15 08:50:27.870385,  0]
../../lib/util/util_runcmd.c:352(samba_runcmd_io_handler)
Feb 15 08:50:27 dc1 samba[1426]:   /usr/local/samba/sbin/samba_dnsupdate:
WARNING: no network interfaces found

We need to kill dnsmasq so that Samba's internal DNS server can start.

# killall dnsmasq
```


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```
# systemctl restart samba-ad-dc

# systemctl status samba-ad-dc

  samba-ad-dc.service - Samba Active Directory Domain Controller
    Loaded: loaded (/etc/systemd/system/samba-ad-dc.service; enabled; vendor
preset: disabled)
    Active: active (running) since Sat 2020-02-15 08:53:28 +08; 21s ago
   Process: 2512 ExecStart=/usr/local/samba/sbin/samba -D (code=exited,
status=0/SUCCESS)
 Main PID: 2514 (samba)
     Tasks: 58 (limit: 23972)
    Memory: 215.6M
    CGroup: /system.slice/samba-ad-dc.service
            2514 /usr/local/samba/sbin/samba -D
            2516 /usr/local/samba/sbin/samba -D
            2517 /usr/local/samba/sbin/samba -D
            2518 /usr/local/samba/sbin/samba -D
            2519 /usr/local/samba/sbin/samba -D
            2520 /usr/local/samba/sbin/samba -D
            2521 /usr/local/samba/sbin/samba -D
            2522 /usr/local/samba/sbin/smbd -D --option=server role
check:inhibit=yes --foreground
            2523 /usr/local/samba/sbin/samba -D
            2524 /usr/local/samba/sbin/samba -D
            2525 /usr/local/samba/sbin/samba -D
            2526 /usr/local/samba/sbin/samba -D
            2527 /usr/local/samba/sbin/samba -D
            2528 /usr/local/samba/sbin/samba -D
            2529 /usr/local/samba/sbin/samba -D
            2530 /usr/local/samba/sbin/samba -D
            2531 /usr/local/samba/sbin/samba -D
            2532 /usr/local/samba/sbin/samba -D
            2533 /usr/local/samba/sbin/samba -D
            2534 /usr/local/samba/sbin/samba -D
            2535 /usr/local/samba/sbin/samba -D
            2536 /usr/local/samba/sbin/samba -D
            2537 /usr/local/samba/sbin/samba -D
            2538 /usr/local/samba/sbin/samba -D
            2539 /usr/local/samba/sbin/samba -D
            2540 /usr/local/samba/sbin/samba -D
            2541 /usr/local/samba/sbin/samba -D
            2542 /usr/local/samba/sbin/samba -D
            2543 /usr/local/samba/sbin/samba -D
            2544 /usr/local/samba/sbin/samba -D
            2545 /usr/local/samba/sbin/samba -D
            2546 /usr/local/samba/sbin/samba -D
            2547 /usr/local/samba/sbin/samba -D
            2548 /usr/local/samba/sbin/samba -D
            2549 /usr/local/samba/sbin/samba -D
            2550 /usr/local/samba/sbin/samba -D
            2551 /usr/local/samba/sbin/samba -D
```

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```
            2552 /usr/local/samba/sbin/samba -D
            2553 /usr/local/samba/sbin/winbindd -D --option=server role
check:inhibit=yes --foreground
            2554 /usr/local/samba/sbin/samba -D
            2555 /usr/local/samba/sbin/samba -D
            2556 /usr/local/samba/sbin/samba -D
            2557 /usr/local/samba/sbin/samba -D
            2558 /usr/local/samba/sbin/samba -D
            2559 /usr/local/samba/sbin/samba -D
            2560 /usr/local/samba/sbin/samba -D
            2562 /usr/local/samba/sbin/samba -D
            2569 /usr/local/samba/sbin/smbd -D --option=server role
check:inhibit=yes --foreground
            2570 /usr/local/samba/sbin/smbd -D --option=server role
check:inhibit=yes --foreground
            2571 /usr/local/samba/sbin/smbd -D --option=server role
check:inhibit=yes --foreground
            2572 /usr/local/samba/sbin/samba -D
            2573 /usr/local/samba/sbin/samba -D
            2574 /usr/local/samba/sbin/samba -D
            2575 /usr/local/samba/sbin/samba -D
            2576 /usr/local/samba/sbin/samba -D
            2577 /usr/local/samba/sbin/samba -D
            2578 /usr/local/samba/sbin/samba -D
            2579 /usr/local/samba/sbin/samba -D

Feb 15 08:53:38 dc1 samba[2556]: [2020/02/15 08:53:38.742774,  0]
../../lib/util/util_runcmd.c:352(samba_runcmd_io_handler)
Feb 15 08:53:38 dc1 samba[2556]:   /usr/local/samba/sbin/samba_dnsupdate:
File "/usr/local/samba/lib64/python3.6/site-packages/samba/netcmd/dns.py", line
945, in run
Feb 15 08:53:38 dc1 samba[2556]: [2020/02/15 08:53:38.742787,  0]
../../lib/util/util_runcmd.c:352(samba_runcmd_io_handler)
Feb 15 08:53:38 dc1 samba[2556]:   /usr/local/samba/sbin/samba_dnsupdate:
raise e
Feb 15 08:53:38 dc1 samba[2556]: [2020/02/15 08:53:38.742800,  0]
../../lib/util/util_runcmd.c:352(samba_runcmd_io_handler)
Feb 15 08:53:38 dc1 samba[2556]:   /usr/local/samba/sbin/samba_dnsupdate:
File "/usr/local/samba/lib64/python3.6/site-packages/samba/netcmd/dns.py", line
941, in run
Feb 15 08:53:38 dc1 samba[2556]: [2020/02/15 08:53:38.742813,  0]
../../lib/util/util_runcmd.c:352(samba_runcmd_io_handler)
Feb 15 08:53:38 dc1 samba[2556]:   /usr/local/samba/sbin/samba_dnsupdate:
0, server, zone, name, add_rec_buf, None)
Feb 15 08:53:38 dc1 samba[2556]: [2020/02/15 08:53:38.767521,  0]
../../source4/dsdb/dns/dns_update.c:331(dnsupdate_nameupdate_done)
Feb 15 08:53:38 dc1 samba[2556]:   dnsupdate_nameupdate_done: Failed DNS update
with exit code 39

Testing your Samba AD DC
========================

# killall dnsmasq
```


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```
# systemctl restart samba-ad-dc

Verifying the File Server
=========================

$ smbclient -L localhost -U%

Output:

 Sharename       Type      Comment
 ---------       ----      -------
 sysvol          Disk
 netlogon        Disk
 IPC$            IPC       IPC Service (Samba 4.11.6)
SMB1 disabled -- no workgroup available

$ smbclient //localhost/netlogon -UAdministrator -c 'ls'

Output:

Enter TEO-EN-MING\Administrator's password:
  .                                   D        0  Fri Feb 14 22:56:17 2020
  ..                                  D        0  Fri Feb 14 22:56:24 2020

  17811456 blocks of size 1024. 12018876 blocks available

Verifying DNS (Failed again)
============================

$ host -t SRV _ldap._tcp.teo-en-ming.corp.

Output:

Host _ldap._tcp.teo-en-ming.corp. not found: 3(NXDOMAIN)

Unable to find above DNS record because Network Manager is always overwriting
/etc/resolv.conf
As a result, I am always looking up the WRONG DNS server.

# systemctl stop samba-ad-dc

TROUBLESHOOTING AGAIN
=====================

Re-provisioning the Samba AD DC, using Samba Internal DNS Backend again.

# samba-tool domain provision --use-rfc2307 --interactive

Output:

Realm [TEO-EN-MING.CORP]:
Domain [TEO-EN-MING]:
```

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```
Server Role (dc, member, standalone) [dc]:
DNS backend (SAMBA_INTERNAL, BIND9_FLATFILE, BIND9_DLZ, NONE) [SAMBA_INTERNAL]:

DNS forwarder IP address (write 'none' to disable forwarding) [8.8.8.8]:
Administrator password:
Retype password:
INFO 2020-02-15 09:01:10,638 pid:2672
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/__init__.py
#2128: Looking up IPv4 addresses
WARNING 2020-02-15 09:01:10,638 pid:2672
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/__init__.py
#2134: More than one IPv4 address found. Using 192.168.1.10
INFO 2020-02-15 09:01:10,638 pid:2672
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/__init__.py
#2145: Looking up IPv6 addresses
WARNING 2020-02-15 09:01:10,639 pid:2672
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/__init__.py
#2150: More than one IPv6 address found. Using 2401:7400:c802:de67::14c2
INFO 2020-02-15 09:01:11,057 pid:2672
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/__init__.py
#2323: Setting up secrets.ldb
INFO 2020-02-15 09:01:11,436 pid:2672
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/__init__.py
#2329: Setting up the registry
INFO 2020-02-15 09:01:11,620 pid:2672
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/__init__.py
#2332: Setting up the privileges database
INFO 2020-02-15 09:01:12,200 pid:2672
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/__init__.py
#2335: Setting up idmap db
INFO 2020-02-15 09:01:12,667 pid:2672
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/__init__.py
#2342: Setting up SAM db
INFO 2020-02-15 09:01:12,817 pid:2672
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/__init__.py
#898: Setting up sam.ldb partitions and settings
INFO 2020-02-15 09:01:12,820 pid:2672
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/__init__.py
#910: Setting up sam.ldb rootDSE
INFO 2020-02-15 09:01:12,893 pid:2672
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/__init__.py
#1339: Pre-loading the Samba 4 and AD schema
Unable to determine the DomainSID, can not enforce uniqueness constraint on
local domainSIDs

INFO 2020-02-15 09:01:13,093 pid:2672
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/__init__.py
#1417: Adding DomainDN: DC=teo-en-ming,DC=corp
INFO 2020-02-15 09:01:13,201 pid:2672
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/__init__.py
#1449: Adding configuration container
INFO 2020-02-15 09:01:13,342 pid:2672
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/__init__.py
```


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```
#1464: Setting up sam.ldb schema
INFO 2020-02-15 09:01:16,649 pid:2672
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/__init__.py
#1482: Setting up sam.ldb configuration data
INFO 2020-02-15 09:01:16,794 pid:2672
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/__init__.py
#1523: Setting up display specifiers
INFO 2020-02-15 09:01:19,013 pid:2672
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/__init__.py
#1531: Modifying display specifiers and extended rights
INFO 2020-02-15 09:01:19,053 pid:2672
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/__init__.py
#1538: Adding users container
INFO 2020-02-15 09:01:19,056 pid:2672
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/__init__.py
#1544: Modifying users container
INFO 2020-02-15 09:01:19,057 pid:2672
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/__init__.py
#1547: Adding computers container
INFO 2020-02-15 09:01:19,060 pid:2672
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/__init__.py
#1553: Modifying computers container
INFO 2020-02-15 09:01:19,061 pid:2672
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/__init__.py
#1557: Setting up sam.ldb data
INFO 2020-02-15 09:01:19,199 pid:2672
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/__init__.py
#1587: Setting up well known security principals
INFO 2020-02-15 09:01:19,261 pid:2672
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/__init__.py
#1601: Setting up sam.ldb users and groups
INFO 2020-02-15 09:01:19,564 pid:2672
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/__init__.py
#1609: Setting up self join
Repacking database from v1 to v2 format (first record
CN=MSMQ-Sign-Certificates-Mig,CN=Schema,CN=Configuration,DC=teo-en-ming,DC=corp
)
Repack: re-packed 10000 records so far
Repacking database from v1 to v2 format (first record
CN=lostAndFound-Display,CN=411,CN=DisplaySpecifiers,CN=Configuration,DC=teo-en-
ming,DC=corp)
Repacking database from v1 to v2 format (first record
CN=5e1574f6-55df-493e-a671-aaeffca6a100,CN=Operations,CN=DomainUpdates,CN=Syste
m,DC=teo-en-ming,DC=corp)
INFO 2020-02-15 09:01:21,879 pid:2672
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/sambadns.py
#1138: Adding DNS accounts
INFO 2020-02-15 09:01:22,122 pid:2672
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/sambadns.py
#1172: Creating CN=MicrosoftDNS,CN=System,DC=teo-en-ming,DC=corp
INFO 2020-02-15 09:01:22,144 pid:2672
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/sambadns.py
#1185: Creating DomainDnsZones and ForestDnsZones partitions
```

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```
INFO 2020-02-15 09:01:22,393 pid:2672
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/sambadns.py
#1190: Populating DomainDnsZones and ForestDnsZones partitions
Repacking database from v1 to v2 format (first record
DC=l.root-servers.net,DC=RootDNSServers,CN=MicrosoftDNS,DC=DomainDnsZones,DC=te
o-en-ming,DC=corp)
Repacking database from v1 to v2 format (first record
DC=gc,DC=_msdcs.teo-en-ming.corp,CN=MicrosoftDNS,DC=ForestDnsZones,DC=teo-en-mi
ng,DC=corp)
INFO 2020-02-15 09:01:23,163 pid:2672
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/__init__.py
#2032: Setting up sam.ldb rootDSE marking as synchronized
INFO 2020-02-15 09:01:23,213 pid:2672
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/__init__.py
#2037: Fixing provision GUIDs
INFO 2020-02-15 09:01:24,265 pid:2672
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/__init__.py
#2395: A Kerberos configuration suitable for Samba AD has been generated at
/usr/local/samba/private/krb5.conf
INFO 2020-02-15 09:01:24,265 pid:2672
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/__init__.py
#2396: Merge the contents of this file with your system krb5.conf or replace it
with this one. Do not create a symlink!
INFO 2020-02-15 09:01:24,581 pid:2672
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/__init__.py
#2102: Setting up fake yp server settings
INFO 2020-02-15 09:01:24,772 pid:2672
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/__init__.py
#491: Once the above files are installed, your Samba AD server will be ready to
use
INFO 2020-02-15 09:01:24,772 pid:2672
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/__init__.py
#495: Server Role:           active directory domain controller
INFO 2020-02-15 09:01:24,772 pid:2672
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/__init__.py
#496: Hostname:              dc1
INFO 2020-02-15 09:01:24,773 pid:2672
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/__init__.py
#497: NetBIOS Domain:        TEO-EN-MING
INFO 2020-02-15 09:01:24,773 pid:2672
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/__init__.py
#498: DNS Domain:            teo-en-ming.corp
INFO 2020-02-15 09:01:24,773 pid:2672
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/__init__.py
#499: DOMAIN SID:            S-1-5-21-3427788993-2190856266-1509719656

# systemctl start samba-ad-dc

Verifying DNS (Failed again)
=============

host -t SRV _ldap._tcp.teo-en-ming.corp.
```


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```
Output:

Host _ldap._tcp.teo-en-ming.corp. not found: 3(NXDOMAIN)

Unable to find above DNS record because Network Manager is always overwriting
/etc/resolv.conf
As a result, I am always looking up the WRONG DNS server.

Installing BIND DNS Server and Using it as the DNS Backend for Samba
=====================================================================

# yum install bind

# systemctl stop samba-ad-dc

We are going to use BIND9 as the Samba DNS backend this time.
I changed my mind. I decided not to use Samba's Internal DNS backend.

# samba-tool domain provision --use-rfc2307 --interactive

Output:

Realm [TEO-EN-MING.CORP]:
Domain [TEO-EN-MING]:
Server Role (dc, member, standalone) [dc]:
DNS backend (SAMBA_INTERNAL, BIND9_FLATFILE, BIND9_DLZ, NONE) [SAMBA_INTERNAL]:
 BIND9_DLZ
Administrator password:
Retype password:
INFO 2020-02-15 09:13:53,976 pid:3479
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/__init__.py
#2128: Looking up IPv4 addresses
WARNING 2020-02-15 09:13:53,976 pid:3479
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/__init__.py
#2134: More than one IPv4 address found. Using 192.168.1.10
INFO 2020-02-15 09:13:53,976 pid:3479
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/__init__.py
#2145: Looking up IPv6 addresses
WARNING 2020-02-15 09:13:53,977 pid:3479
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/__init__.py
#2150: More than one IPv6 address found. Using 2401:7400:c802:de67::14c2
INFO 2020-02-15 09:13:54,381 pid:3479
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/__init__.py
#2323: Setting up secrets.ldb
INFO 2020-02-15 09:13:54,704 pid:3479
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/__init__.py
#2329: Setting up the registry
INFO 2020-02-15 09:13:54,888 pid:3479
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/__init__.py
#2332: Setting up the privileges database
INFO 2020-02-15 09:13:55,478 pid:3479
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/__init__.py
#2335: Setting up idmap db
```

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```
INFO 2020-02-15 09:13:55,819 pid:3479
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/__init__.py
#2342: Setting up SAM db
INFO 2020-02-15 09:13:55,886 pid:3479
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/__init__.py
#898: Setting up sam.ldb partitions and settings
INFO 2020-02-15 09:13:55,888 pid:3479
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/__init__.py
#910: Setting up sam.ldb rootDSE
INFO 2020-02-15 09:13:55,945 pid:3479
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/__init__.py
#1339: Pre-loading the Samba 4 and AD schema
Unable to determine the DomainSID, can not enforce uniqueness constraint on
local domainSIDs

INFO 2020-02-15 09:13:56,187 pid:3479
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/__init__.py
#1417: Adding DomainDN: DC=teo-en-ming,DC=corp
INFO 2020-02-15 09:13:56,362 pid:3479
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/__init__.py
#1449: Adding configuration container
INFO 2020-02-15 09:13:56,518 pid:3479
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/__init__.py
#1464: Setting up sam.ldb schema
INFO 2020-02-15 09:13:59,846 pid:3479
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/__init__.py
#1482: Setting up sam.ldb configuration data
INFO 2020-02-15 09:13:59,991 pid:3479
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/__init__.py
#1523: Setting up display specifiers
INFO 2020-02-15 09:14:02,238 pid:3479
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/__init__.py
#1531: Modifying display specifiers and extended rights
INFO 2020-02-15 09:14:02,279 pid:3479
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/__init__.py
#1538: Adding users container
INFO 2020-02-15 09:14:02,280 pid:3479
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/__init__.py
#1544: Modifying users container
INFO 2020-02-15 09:14:02,282 pid:3479
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/__init__.py
#1547: Adding computers container
INFO 2020-02-15 09:14:02,283 pid:3479
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/__init__.py
#1553: Modifying computers container
INFO 2020-02-15 09:14:02,284 pid:3479
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/__init__.py
#1557: Setting up sam.ldb data
INFO 2020-02-15 09:14:02,425 pid:3479
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/__init__.py
#1587: Setting up well known security principals
INFO 2020-02-15 09:14:02,489 pid:3479
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/__init__.py
```


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```
#1601: Setting up sam.ldb users and groups
INFO 2020-02-15 09:14:02,777 pid:3479
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/__init__.py
#1609: Setting up self join
Repacking database from v1 to v2 format (first record
CN=MS-TS-Property02,CN=Schema,CN=Configuration,DC=teo-en-ming,DC=corp)
Repack: re-packed 10000 records so far
Repacking database from v1 to v2 format (first record
CN=localPolicy-Display,CN=C0A,CN=DisplaySpecifiers,CN=Configuration,DC=teo-en-m
ing,DC=corp)
Repacking database from v1 to v2 format (first record
CN=PolicyType,CN=WMIPolicy,CN=System,DC=teo-en-ming,DC=corp)
INFO 2020-02-15 09:14:05,299 pid:3479
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/sambadns.py
#1138: Adding DNS accounts
INFO 2020-02-15 09:14:05,558 pid:3479
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/sambadns.py
#1172: Creating CN=MicrosoftDNS,CN=System,DC=teo-en-ming,DC=corp
INFO 2020-02-15 09:14:05,587 pid:3479
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/sambadns.py
#1185: Creating DomainDnsZones and ForestDnsZones partitions
INFO 2020-02-15 09:14:05,778 pid:3479
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/sambadns.py
#1190: Populating DomainDnsZones and ForestDnsZones partitions
Repacking database from v1 to v2 format (first record
DC=_ldap._tcp.DomainDnsZones,DC=teo-en-ming.corp,CN=MicrosoftDNS,DC=DomainDnsZo
nes,DC=teo-en-ming,DC=corp)
Repacking database from v1 to v2 format (first record
CN=MicrosoftDNS,DC=ForestDnsZones,DC=teo-en-ming,DC=corp)
INFO 2020-02-15 09:14:07,207 pid:3479
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/sambadns.py
#1272: See /usr/local/samba/bind-dns/named.conf for an example configuration
include file for BIND
INFO 2020-02-15 09:14:07,207 pid:3479
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/sambadns.py
#1274: and /usr/local/samba/bind-dns/named.txt for further documentation
required for secure DNS updates
INFO 2020-02-15 09:14:07,333 pid:3479
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/__init__.py
#2032: Setting up sam.ldb rootDSE marking as synchronized
INFO 2020-02-15 09:14:07,383 pid:3479
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/__init__.py
#2037: Fixing provision GUIDs
INFO 2020-02-15 09:14:08,576 pid:3479
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/__init__.py
#2395: A Kerberos configuration suitable for Samba AD has been generated at
/usr/local/samba/private/krb5.conf
INFO 2020-02-15 09:14:08,576 pid:3479
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/__init__.py
#2396: Merge the contents of this file with your system krb5.conf or replace it
with this one. Do not create a symlink!
INFO 2020-02-15 09:14:09,009 pid:3479
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/__init__.py
```

```
#2102: Setting up fake yp server settings
INFO 2020-02-15 09:14:09,200 pid:3479
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/__init__.py
#491: Once the above files are installed, your Samba AD server will be ready to
use
INFO 2020-02-15 09:14:09,201 pid:3479
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/__init__.py
#495: Server Role:           active directory domain controller
INFO 2020-02-15 09:14:09,201 pid:3479
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/__init__.py
#496: Hostname:              dc1
INFO 2020-02-15 09:14:09,201 pid:3479
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/__init__.py
#497: NetBIOS Domain:        TEO-EN-MING
INFO 2020-02-15 09:14:09,201 pid:3479
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/__init__.py
#498: DNS Domain:            teo-en-ming.corp
INFO 2020-02-15 09:14:09,201 pid:3479
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/__init__.py
#499: DOMAIN SID:            S-1-5-21-3153339276-3256266220-4030185391

# nano /etc/named.conf

Append the following line:

include "/usr/local/samba/bind-dns/named.conf";

# named -v

Output:

BIND 9.11.4-P2-RedHat-9.11.4-26.P2.el8 (Extended Support Version) <id:7107deb>

# nano /usr/local/samba/bind-dns/named.conf

Contents of file:

# This DNS configuration is for BIND 9.8.0 or later with dlz_dlopen support.
#
# This file should be included in your main BIND configuration file
#
# For example with
# include "/usr/local/samba/bind-dns/named.conf";

#
# This configures dynamically loadable zones (DLZ) from AD schema
# Uncomment only single database line, depending on your BIND version
#
dlz "AD DNS Zone" {
    # For BIND 9.8.x
    # database "dlopen /usr/local/samba/lib/bind9/dlz_bind9.so";

    # For BIND 9.9.x
```


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```
    # database "dlopen /usr/local/samba/lib/bind9/dlz_bind9_9.so";

    # For BIND 9.10.x
    # database "dlopen /usr/local/samba/lib/bind9/dlz_bind9_10.so";

    # For BIND 9.11.x
     database "dlopen /usr/local/samba/lib/bind9/dlz_bind9_11.so";

    # For BIND 9.12.x
    # database "dlopen /usr/local/samba/lib/bind9/dlz_bind9_12.so";
};

Setting up BIND9 options and keytab for Kerberos
================================================

# nano /etc/named.conf

Add the following to the options {} section of your main BIND named.conf file.
For example:

options {
     [...]
     tkey-gssapi-keytab "/usr/local/samba/private/dns.keytab";
     minimal-responses yes;
};

Verify that your /etc/krb5.conf Kerberos client configuration file is readable
by your BIND user. For example:

# ls -l /etc/krb5.conf

Output:

-rw-r--r--. 1 root root 97 Feb 15 00:49 /etc/krb5.conf

# chown root:named /etc/krb5.conf

Verify that the nsupdate utility exists on your domain controller (DC):

# which nsupdate

/usr/bin/nsupdate

Starting the BIND DNS Service
=============================

# named-checkconf

# systemctl enable named.service

# systemctl start named.service

# systemctl status named.service
```

```
Output:

  named.service - Berkeley Internet Name Domain (DNS)
    Loaded: loaded (/usr/lib/systemd/system/named.service; enabled; vendor
preset: disabled)
    Active: active (running) since Sat 2020-02-15 09:28:54 +08; 26s ago
   Process: 3670 ExecStart=/usr/sbin/named -u named -c ${NAMEDCONF} $OPTIONS
(code=exited, status=0/SUCCESS)
   Process: 3667 ExecStartPre=/bin/bash -c if [ ! "$DISABLE_ZONE_CHECKING" ==
"yes" ]; then /usr/sbin/named-checkconf -z "$NAMEDCONF"; else echo "Checking of
zone files is disab>
 Main PID: 3673 (named)
    Tasks: 4 (limit: 23972)
   Memory: 73.1M
   CGroup: /system.slice/named.service
           3673 /usr/sbin/named -u named -c /etc/named.conf

Feb 15 09:28:54 dc1 named[3673]: zone 0.in-addr.arpa/IN: loaded serial 0
Feb 15 09:28:54 dc1 named[3673]: zone localhost/IN: loaded serial 0
Feb 15 09:28:54 dc1 named[3673]: zone 1.0.0.127.in-addr.arpa/IN: loaded serial
0
Feb 15 09:28:54 dc1 named[3673]: zone localhost.localdomain/IN: loaded serial 0
Feb 15 09:28:54 dc1 named[3673]: zone
1.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.ip6.arpa/IN:
loaded serial 0
Feb 15 09:28:54 dc1 named[3673]: all zones loaded
Feb 15 09:28:54 dc1 named[3673]: running
Feb 15 09:28:54 dc1 systemd[1]: Started Berkeley Internet Name Domain (DNS).
Feb 15 09:29:04 dc1 named[3673]: managed-keys-zone: Unable to fetch DNSKEY set
'.': timed out
Feb 15 09:29:04 dc1 named[3673]: resolver priming query complete

I still cannot find the mandatory DNS records. Re-provisioning Samba AD DC
again.

# cd /usr/local/samba/etc

# mv smb.conf smb.conf.bak

# samba-tool domain provision --use-rfc2307 --interactive

Realm [TEO-EN-MING.CORP]:
Domain [TEO-EN-MING]:
Server Role (dc, member, standalone) [dc]:
DNS backend (SAMBA_INTERNAL, BIND9_FLATFILE, BIND9_DLZ, NONE) [SAMBA_INTERNAL]:
 BIND9_DLZ
Administrator password:
Retype password:
INFO 2020-02-15 09:34:24,411 pid:3873
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/__init__.py
#2128: Looking up IPv4 addresses
WARNING 2020-02-15 09:34:24,411 pid:3873
```


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```
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/__init__.py
#2134: More than one IPv4 address found. Using 192.168.1.10
INFO 2020-02-15 09:34:24,411 pid:3873
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/__init__.py
#2145: Looking up IPv6 addresses
WARNING 2020-02-15 09:34:24,412 pid:3873
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/__init__.py
#2150: More than one IPv6 address found. Using 2401:7400:c802:de67::14c2
INFO 2020-02-15 09:34:24,817 pid:3873
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/__init__.py
#2323: Setting up secrets.ldb
INFO 2020-02-15 09:34:25,101 pid:3873
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/__init__.py
#2329: Setting up the registry
INFO 2020-02-15 09:34:25,269 pid:3873
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/__init__.py
#2332: Setting up the privileges database
INFO 2020-02-15 09:34:25,783 pid:3873
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/__init__.py
#2335: Setting up idmap db
INFO 2020-02-15 09:34:26,233 pid:3873
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/__init__.py
#2342: Setting up SAM db
INFO 2020-02-15 09:34:26,316 pid:3873
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/__init__.py
#898: Setting up sam.ldb partitions and settings
INFO 2020-02-15 09:34:26,317 pid:3873
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/__init__.py
#910: Setting up sam.ldb rootDSE
INFO 2020-02-15 09:34:26,367 pid:3873
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/__init__.py
#1339: Pre-loading the Samba 4 and AD schema
Unable to determine the DomainSID, can not enforce uniqueness constraint on
local domainSIDs

INFO 2020-02-15 09:34:26,551 pid:3873
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/__init__.py
#1417: Adding DomainDN: DC=teo-en-ming,DC=corp
INFO 2020-02-15 09:34:26,684 pid:3873
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/__init__.py
#1449: Adding configuration container
INFO 2020-02-15 09:34:26,791 pid:3873
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/__init__.py
#1464: Setting up sam.ldb schema
INFO 2020-02-15 09:34:30,087 pid:3873
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/__init__.py
#1482: Setting up sam.ldb configuration data
INFO 2020-02-15 09:34:30,230 pid:3873
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/__init__.py
#1523: Setting up display specifiers
INFO 2020-02-15 09:34:32,425 pid:3873
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/__init__.py
#1531: Modifying display specifiers and extended rights
```

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```
INFO 2020-02-15 09:34:32,465 pid:3873
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/__init__.py
#1538: Adding users container
INFO 2020-02-15 09:34:32,467 pid:3873
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/__init__.py
#1544: Modifying users container
INFO 2020-02-15 09:34:32,467 pid:3873
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/__init__.py
#1547: Adding computers container
INFO 2020-02-15 09:34:32,469 pid:3873
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/__init__.py
#1553: Modifying computers container
INFO 2020-02-15 09:34:32,470 pid:3873
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/__init__.py
#1557: Setting up sam.ldb data
INFO 2020-02-15 09:34:32,608 pid:3873
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/__init__.py
#1587: Setting up well known security principals
INFO 2020-02-15 09:34:32,667 pid:3873
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/__init__.py
#1601: Setting up sam.ldb users and groups
INFO 2020-02-15 09:34:32,967 pid:3873
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/__init__.py
#1609: Setting up self join
Repacking database from v1 to v2 format (first record
CN=userPKCS12,CN=Schema,CN=Configuration,DC=teo-en-ming,DC=corp)
Repack: re-packed 10000 records so far
Repacking database from v1 to v2 format (first record
CN=pKICertificateTemplate-Display,CN=406,CN=DisplaySpecifiers,CN=Configuration,
DC=teo-en-ming,DC=corp)
Repacking database from v1 to v2 format (first record
CN=4dfbb973-8a62-4310-a90c-776e00f83222,CN=Operations,CN=DomainUpdates,CN=Syste
m,DC=teo-en-ming,DC=corp)
INFO 2020-02-15 09:34:35,720 pid:3873
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/sambadns.py
#1138: Adding DNS accounts
INFO 2020-02-15 09:34:35,963 pid:3873
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/sambadns.py
#1172: Creating CN=MicrosoftDNS,CN=System,DC=teo-en-ming,DC=corp
INFO 2020-02-15 09:34:35,982 pid:3873
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/sambadns.py
#1185: Creating DomainDnsZones and ForestDnsZones partitions
INFO 2020-02-15 09:34:36,248 pid:3873
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/sambadns.py
#1190: Populating DomainDnsZones and ForestDnsZones partitions
Repacking database from v1 to v2 format (first record
DC=l.root-servers.net,DC=RootDNSServers,CN=MicrosoftDNS,DC=DomainDnsZones,DC=te
o-en-ming,DC=corp)
Repacking database from v1 to v2 format (first record
CN=MicrosoftDNS,DC=ForestDnsZones,DC=teo-en-ming,DC=corp)
INFO 2020-02-15 09:34:37,633 pid:3873
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/sambadns.py
#1272: See /usr/local/samba/bind-dns/named.conf for an example configuration
```


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```
include file for BIND
INFO 2020-02-15 09:34:37,633 pid:3873
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/sambadns.py
#1274: and /usr/local/samba/bind-dns/named.txt for further documentation
required for secure DNS updates
INFO 2020-02-15 09:34:37,763 pid:3873
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/__init__.py
#2032: Setting up sam.ldb rootDSE marking as synchronized
INFO 2020-02-15 09:34:37,804 pid:3873
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/__init__.py
#2037: Fixing provision GUIDs
INFO 2020-02-15 09:34:38,781 pid:3873
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/__init__.py
#2395: A Kerberos configuration suitable for Samba AD has been generated at
/usr/local/samba/private/krb5.conf
INFO 2020-02-15 09:34:38,781 pid:3873
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/__init__.py
#2396: Merge the contents of this file with your system krb5.conf or replace it
with this one. Do not create a symlink!
INFO 2020-02-15 09:34:39,223 pid:3873
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/__init__.py
#2102: Setting up fake yp server settings
INFO 2020-02-15 09:34:39,438 pid:3873
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/__init__.py
#491: Once the above files are installed, your Samba AD server will be ready to
use
INFO 2020-02-15 09:34:39,439 pid:3873
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/__init__.py
#495: Server Role:           active directory domain controller
INFO 2020-02-15 09:34:39,439 pid:3873
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/__init__.py
#496: Hostname:              dc1
INFO 2020-02-15 09:34:39,439 pid:3873
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/__init__.py
#497: NetBIOS Domain:        TEO-EN-MING
INFO 2020-02-15 09:34:39,439 pid:3873
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/__init__.py
#498: DNS Domain:            teo-en-ming.corp
INFO 2020-02-15 09:34:39,439 pid:3873
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/__init__.py
#499: DOMAIN SID:            S-1-5-21-2121330042-1058780221-1881093528

# cat /usr/local/samba/etc/smb.conf

# Global parameters
[global]
 netbios name = DC1
 realm = TEO-EN-MING.CORP
 server role = active directory domain controller
 server services = s3fs, rpc, nbt, wrepl, ldap, cldap, kdc, drepl, winbindd,
ntp_signd, kcc, dnsupdate
 workgroup = TEO-EN-MING
 idmap_ldb:use rfc2307 = yes
```

```
[sysvol]
 path = /usr/local/samba/var/locks/sysvol
 read only = No

[netlogon]
 path = /usr/local/samba/var/locks/sysvol/teo-en-ming.corp/scripts
 read only = No

# systemctl start samba-ad-dc

TROUBLESHOOTING SAMBA INSTALLATION BY RE-COMPILING SAMBA FROM SOURCE AGAIN
==========================================================================

I was afraid that SELINUX might affect the previous build of Samba from source.

# cd /root

# rm -rf samba-4.11.6

# systemctl stop samba-ad-dc

# cd /usr/local

# rm -rf samba/

# cd /root

# tar xfvz samba-4.11.6.tar.gz

# cd samba-4.11.6/

# ./configure

# make -j 4

Output:

Waf: Leaving directory `/root/samba-4.11.6/bin/default'
'build' finished successfully (9m21.630s)

# make install

Output:

Waf: Leaving directory `/root/samba-4.11.6/bin/default'
'install' finished successfully (2m47.846s)

Provisioning Samba AD DC from scratch after rebuilding Samba from source.

# samba-tool domain provision --use-rfc2307 --interactive

Realm [TEO-EN-MING.CORP]:
```


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```
Domain [TEO-EN-MING]:
Server Role (dc, member, standalone) [dc]:
DNS backend (SAMBA_INTERNAL, BIND9_FLATFILE, BIND9_DLZ, NONE) [SAMBA_INTERNAL]:
 BIND9_DLZ
Administrator password:
Retype password:
INFO 2020-02-15 10:00:20,082 pid:28453
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/__init__.py
#2128: Looking up IPv4 addresses
WARNING 2020-02-15 10:00:20,083 pid:28453
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/__init__.py
#2134: More than one IPv4 address found. Using 192.168.1.10
INFO 2020-02-15 10:00:20,083 pid:28453
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/__init__.py
#2145: Looking up IPv6 addresses
WARNING 2020-02-15 10:00:20,083 pid:28453
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/__init__.py
#2150: More than one IPv6 address found. Using 2401:7400:c802:de67::14c2
INFO 2020-02-15 10:00:20,505 pid:28453
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/__init__.py
#2319: Setting up share.ldb
INFO 2020-02-15 10:00:20,871 pid:28453
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/__init__.py
#2323: Setting up secrets.ldb
INFO 2020-02-15 10:00:21,131 pid:28453
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/__init__.py
#2329: Setting up the registry
INFO 2020-02-15 10:00:22,314 pid:28453
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/__init__.py
#2332: Setting up the privileges database
INFO 2020-02-15 10:00:22,838 pid:28453
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/__init__.py
#2335: Setting up idmap db
INFO 2020-02-15 10:00:23,230 pid:28453
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/__init__.py
#2342: Setting up SAM db
INFO 2020-02-15 10:00:23,322 pid:28453
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/__init__.py
#898: Setting up sam.ldb partitions and settings
INFO 2020-02-15 10:00:23,324 pid:28453
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/__init__.py
#910: Setting up sam.ldb rootDSE
INFO 2020-02-15 10:00:23,398 pid:28453
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/__init__.py
#1339: Pre-loading the Samba 4 and AD schema
Unable to determine the DomainSID, can not enforce uniqueness constraint on
local domainSIDs

INFO 2020-02-15 10:00:23,573 pid:28453
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/__init__.py
#1417: Adding DomainDN: DC=teo-en-ming,DC=corp
INFO 2020-02-15 10:00:23,653 pid:28453
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/__init__.py
```

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```
#1449: Adding configuration container
INFO 2020-02-15 10:00:23,749 pid:28453
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/__init__.py
#1464: Setting up sam.ldb schema
INFO 2020-02-15 10:00:27,115 pid:28453
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/__init__.py
#1482: Setting up sam.ldb configuration data
INFO 2020-02-15 10:00:27,261 pid:28453
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/__init__.py
#1523: Setting up display specifiers
INFO 2020-02-15 10:00:29,491 pid:28453
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/__init__.py
#1531: Modifying display specifiers and extended rights
INFO 2020-02-15 10:00:29,531 pid:28453
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/__init__.py
#1538: Adding users container
INFO 2020-02-15 10:00:29,532 pid:28453
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/__init__.py
#1544: Modifying users container
INFO 2020-02-15 10:00:29,533 pid:28453
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/__init__.py
#1547: Adding computers container
INFO 2020-02-15 10:00:29,534 pid:28453
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/__init__.py
#1553: Modifying computers container
INFO 2020-02-15 10:00:29,535 pid:28453
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/__init__.py
#1557: Setting up sam.ldb data
INFO 2020-02-15 10:00:29,674 pid:28453
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/__init__.py
#1587: Setting up well known security principals
INFO 2020-02-15 10:00:29,735 pid:28453
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/__init__.py
#1601: Setting up sam.ldb users and groups
INFO 2020-02-15 10:00:30,058 pid:28453
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/__init__.py
#1609: Setting up self join
Repacking database from v1 to v2 format (first record
CN=rpc-Ns-Bindings,CN=Schema,CN=Configuration,DC=teo-en-ming,DC=corp)
Repack: re-packed 10000 records so far
Repacking database from v1 to v2 format (first record
CN=nTFRSSubscriber-Display,CN=40C,CN=DisplaySpecifiers,CN=Configuration,DC=teo-
en-ming,DC=corp)
Repacking database from v1 to v2 format (first record CN=Incoming Forest Trust
Builders,CN=Builtin,DC=teo-en-ming,DC=corp)
INFO 2020-02-15 10:00:33,052 pid:28453
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/sambadns.py
#1138: Adding DNS accounts
INFO 2020-02-15 10:00:33,285 pid:28453
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/sambadns.py
#1172: Creating CN=MicrosoftDNS,CN=System,DC=teo-en-ming,DC=corp
INFO 2020-02-15 10:00:33,305 pid:28453
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/sambadns.py
```


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```
#1185: Creating DomainDnsZones and ForestDnsZones partitions
INFO 2020-02-15 10:00:33,511 pid:28453
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/sambadns.py
#1190: Populating DomainDnsZones and ForestDnsZones partitions
Repacking database from v1 to v2 format (first record
DC=@,DC=teo-en-ming.corp,CN=MicrosoftDNS,DC=DomainDnsZones,DC=teo-en-ming,DC=co
rp)
Repacking database from v1 to v2 format (first record
DC=_ldap._tcp.Default-First-Site-Name._sites.gc,DC=_msdcs.teo-en-ming.corp,CN=M
icrosoftDNS,DC=ForestDnsZones,DC=teo-en-ming,DC=corp)
INFO 2020-02-15 10:00:34,921 pid:28453
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/sambadns.py
#1272: See /usr/local/samba/bind-dns/named.conf for an example configuration
include file for BIND
INFO 2020-02-15 10:00:34,921 pid:28453
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/sambadns.py
#1274: and /usr/local/samba/bind-dns/named.txt for further documentation
required for secure DNS updates
INFO 2020-02-15 10:00:35,045 pid:28453
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/__init__.py
#2032: Setting up sam.ldb rootDSE marking as synchronized
INFO 2020-02-15 10:00:35,095 pid:28453
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/__init__.py
#2037: Fixing provision GUIDs
INFO 2020-02-15 10:00:36,238 pid:28453
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/__init__.py
#2395: A Kerberos configuration suitable for Samba AD has been generated at
/usr/local/samba/private/krb5.conf
INFO 2020-02-15 10:00:36,238 pid:28453
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/__init__.py
#2396: Merge the contents of this file with your system krb5.conf or replace it
with this one. Do not create a symlink!
INFO 2020-02-15 10:00:36,771 pid:28453
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/__init__.py
#2102: Setting up fake yp server settings
INFO 2020-02-15 10:00:37,012 pid:28453
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/__init__.py
#491: Once the above files are installed, your Samba AD server will be ready to
use
INFO 2020-02-15 10:00:37,013 pid:28453
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/__init__.py
#495: Server Role:           active directory domain controller
INFO 2020-02-15 10:00:37,013 pid:28453
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/__init__.py
#496: Hostname:              dc1
INFO 2020-02-15 10:00:37,013 pid:28453
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/__init__.py
#497: NetBIOS Domain:        TEO-EN-MING
INFO 2020-02-15 10:00:37,013 pid:28453
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/__init__.py
#498: DNS Domain:            teo-en-ming.corp
INFO 2020-02-15 10:00:37,013 pid:28453
/usr/local/samba/lib64/python3.6/site-packages/samba/provision/__init__.py
```

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```
#499: DOMAIN SID:            S-1-5-21-4032533190-753116703-2394070240

# systemctl start samba-ad-dc

TROUBLESHOOTING THE BIND9_DLZ BACKEND
=====================================

# samba_upgradedns --dns-backend=BIND9_DLZ

Output:

Reading domain information
DNS accounts already exist
No zone file /usr/local/samba/bind-dns/dns/TEO-EN-MING.CORP.zone
DNS records will be automatically created
DNS partitions already exist
dns-dc1 account already exists
See /usr/local/samba/bind-dns/named.conf for an example configuration include
file for BIND
and /usr/local/samba/bind-dns/named.txt for further documentation required for
secure DNS updates
Finished upgrading DNS

TROUBLESHOOTING "MISSING" MANDATORY SAMBA DNS RECORDS
=====================================================

REFERENCE
=========

Finally! I found the problem and discovered the solution.

Guide: CentOS 7 NetworkManager Keeps Overwriting /etc/resolv.conf

Link:
https://ma.ttias.be/centos-7-networkmanager-keeps-overwriting-etcresolv-conf/

To prevent Network Manager to overwrite your resolv.conf changes, remove the
DNS1, DNS2, … lines from /etc/sysconfig/network-scripts/ifcfg-*.

# cd /etc/sysconfig/network-scripts/

# nano ifcfg-ens3

Remove DNS1 entry.

To make BIND listen on all interfaces
=====================================

# nano /etc/named.conf

Change the following entry:

listen-on port 53 { any; };
```


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```
# systemctl restart named

# netstat -anp | grep -v unix | grep LISTEN

tcp        0      0 0.0.0.0:111             0.0.0.0:*               LISTEN
1/systemd
tcp        0      0 0.0.0.0:464             0.0.0.0:*               LISTEN
28855/samba
tcp        0      0 192.168.122.1:53        0.0.0.0:*               LISTEN
29436/named
tcp        0      0 192.168.1.10:53         0.0.0.0:*               LISTEN
29436/named
tcp        0      0 127.0.0.1:53            0.0.0.0:*               LISTEN
29436/named
tcp        0      0 0.0.0.0:22              0.0.0.0:*               LISTEN
1090/sshd
tcp        0      0 127.0.0.1:631           0.0.0.0:*               LISTEN
1087/cupsd
tcp        0      0 0.0.0.0:88              0.0.0.0:*               LISTEN
28855/samba
tcp        0      0 127.0.0.1:953           0.0.0.0:*               LISTEN
29436/named
tcp        0      0 0.0.0.0:636             0.0.0.0:*               LISTEN
28847/samba
tcp        0      0 0.0.0.0:445             0.0.0.0:*               LISTEN
28839/smbd
tcp        0      0 0.0.0.0:49152           0.0.0.0:*               LISTEN
28837/samba
tcp        0      0 0.0.0.0:49153           0.0.0.0:*               LISTEN
28845/samba
tcp        0      0 0.0.0.0:49154           0.0.0.0:*               LISTEN
28845/samba
tcp        0      0 0.0.0.0:3268            0.0.0.0:*               LISTEN
28847/samba
tcp        0      0 0.0.0.0:3269            0.0.0.0:*               LISTEN
28847/samba
tcp        0      0 0.0.0.0:389             0.0.0.0:*               LISTEN
28847/samba
tcp        0      0 0.0.0.0:135             0.0.0.0:*               LISTEN
28845/samba
tcp        0      0 0.0.0.0:139             0.0.0.0:*               LISTEN
28839/smbd
tcp        0      0 0.0.0.0:5355            0.0.0.0:*               LISTEN
1597/systemd-resolv
tcp6       0      0 :::111                  :::*                    LISTEN
1/systemd
tcp6       0      0 :::464                  :::*                    LISTEN
28855/samba
tcp6       0      0 ::1:53                  :::*                    LISTEN
29436/named
tcp6       0      0 :::22                   :::*                    LISTEN
1090/sshd
```

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```
tcp6       0      0 ::1:631                 :::*                    LISTEN
1087/cupsd
tcp6       0      0 :::88                   :::*                    LISTEN
28855/samba
tcp6       0      0 ::1:953                 :::*                    LISTEN
29436/named
tcp6       0      0 :::636                  :::*                    LISTEN
28847/samba
tcp6       0      0 :::445                  :::*                    LISTEN
28839/smbd
tcp6       0      0 :::49152                :::*                    LISTEN
28837/samba
tcp6       0      0 :::49153                :::*                    LISTEN
28845/samba
tcp6       0      0 :::49154                :::*                    LISTEN
28845/samba
tcp6       0      0 :::3268                 :::*                    LISTEN
28847/samba
tcp6       0      0 :::3269                 :::*                    LISTEN
28847/samba
tcp6       0      0 :::389                  :::*                    LISTEN
28847/samba
tcp6       0      0 :::135                  :::*                    LISTEN
28845/samba
tcp6       0      0 :::5355                 :::*                    LISTEN
1597/systemd-resolv
tcp6       0      0 :::139                  :::*                    LISTEN
28839/smbd

Modify /etc/resolv.conf again. This is the crux of the problem.

# nano /etc/resolv.conf

search teo-en-ming.corp
nameserver 192.168.1.10

Verifying DNS (Successful this time)
====================================

$ host -t SRV _ldap._tcp.teo-en-ming.corp.

Output:

_ldap._tcp.teo-en-ming.corp has SRV record 0 100 389 dc1.teo-en-ming.corp.

$ host -t SRV _kerberos._udp.teo-en-ming.corp.

Output:

_kerberos._udp.teo-en-ming.corp has SRV record 0 100 88 dc1.teo-en-ming.corp.

$ host -t A dc1.teo-en-ming.corp.
```


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```
Output:

dc1.teo-en-ming.corp has address 192.168.122.1
dc1.teo-en-ming.corp has address 192.168.1.10

Verifying Kerberos (Successful this time)
=========================================

# kninit administrator

Output:

Password for administrator@TEO-EN-MING.CORP:
Warning: Your password will expire in 41 days on Sat 28 Mar 2020 10:00:30 AM
+08

# klist

Output:

Ticket cache: FILE:/tmp/krb5cc_0
Default principal: administrator@TEO-EN-MING.CORP

Valid starting       Expires              Service principal
02/15/2020 10:56:56  02/15/2020 20:56:56
krbtgt/TEO-EN-MING.CORP@TEO-EN-MING.CORP
 renew until 02/16/2020 10:56:53

OVERWHELMING SUCCESS!
=====================

Joining Domain from Windows 10 Pro QEMU/KVM virtual machine
===========================================================

Install Windows 10 Pro version 1909 as a QEMU/KVM virtual machine.

Ping Samba AD DC from Windows.

ping 192.168.1.10

SUCCESS!

Configure Preferred DNS Server as 192.168.1.10 for your virtual NIC.

Alternate DNS Server: 8.8.8.8 (Compulsory for internet access)

REFERENCE GUIDE
===============

Guide: DNS Administration

Link: https://wiki.samba.org/index.php/DNS_Administration
```

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```
Listing zone records
====================

# samba-tool dns query 192.168.1.10 teo-en-ming.corp @ ALL -U administrator

Output:

Password for [TEO-EN-MING\administrator]:
  Name=, Records=6, Children=0
    SOA: serial=241, refresh=900, retry=600, expire=86400, minttl=3600,
ns=dc1.teo-en-ming.corp., email=hostmaster.teo-en-ming.corp. (flags=600000f0,
serial=241, ttl=3600)
    NS: dc1.teo-en-ming.corp. (flags=600000f0, serial=1, ttl=900)
    A: 192.168.1.10 (flags=600000f0, serial=1, ttl=900)
    AAAA: 2401:7400:c802:de67:0000:0000:0000:14c2 (flags=600000f0, serial=1,
ttl=900)
    A: 192.168.122.1 (flags=600000f0, serial=26, ttl=900)
    AAAA: 2401:7400:c802:de67:0d19:690d:f659:ad40 (flags=600000f0, serial=27,
ttl=900)
  Name=_msdcs, Records=0, Children=0
  Name=_sites, Records=0, Children=1
  Name=_tcp, Records=0, Children=4
  Name=_udp, Records=0, Children=2
  Name=dc1, Records=4, Children=0
    A: 192.168.1.10 (flags=f0, serial=1, ttl=900)
    AAAA: 2401:7400:c802:de67:0000:0000:0000:14c2 (flags=f0, serial=1, ttl=900)
    A: 192.168.122.1 (flags=f0, serial=24, ttl=900)
    AAAA: 2401:7400:c802:de67:0d19:690d:f659:ad40 (flags=f0, serial=25,
ttl=900)
  Name=DomainDnsZones, Records=0, Children=2
  Name=ForestDnsZones, Records=0, Children=2

Disable IPv6 on Windows 10 Pro QEMU/KVM virtual machine.

Deleting Unneccessary DNS Records (OPTIONAL TASK)
=================================================

# samba-tool dns delete 192.168.1.10 teo-en-ming.corp teo-en-ming.corp A
192.168.122.1 -U administrator

# samba-tool dns delete 192.168.1.10 teo-en-ming.corp teo-en-ming.corp AAAA
2401:7400:c802:de67:0000:0000:0000:14c2 -U administrator

# samba-tool dns delete 192.168.1.10 teo-en-ming.corp teo-en-ming.corp AAAA
2401:7400:c802:de67:0d19:690d:f659:ad40 -U administrator

# samba-tool dns delete 192.168.1.10 teo-en-ming.corp dc1 A 192.168.122.1 -U
administrator

# samba-tool dns delete 192.168.1.10 teo-en-ming.corp dc1 AAAA
2401:7400:c802:de67:0000:0000:0000:14c2 -U administrator

# samba-tool dns delete 192.168.1.10 teo-en-ming.corp dc1 AAAA
```


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```
2401:7400:c802:de67:0d19:690d:f659:ad40 -U administrator

Disabling the Firewall on CentOS 8.1
====================================

# systemctl stop firewalld

# systemctl disable firewalld

Join Domain from Windows 10 Pro QEMU/KVM Virtual Machine
=======================================================

Domain: teo-en-ming.corp

Welcome to the teo-en-ming.corp domain.

Download and install Microsoft Remote Server Administration Tools (RSAT) for
Windows 10.

Restart Windows 10 Pro QEMU/KVM virtual machine.

Login as domain administrator.

User: TEO-EN-MING\administrator

Password: Unknown

Open Active Directory Users and Computers.

Final Success!
==============

AUTHOR: MR. TURRITOPSIS DOHRNII TEO EN MING, SINGAPORE
```

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==========

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Teo En Ming's Installing CentOS 8.1 (1911) Linux Server as a QEMU/KVM Virtual Machine PDF Manual (2020-02-13 20:56) - Turritopsis Dohrnii Teo En Ming

Subject: Teo En Ming's Installing CentOS 8.1 (1911) Linux Server as a QEMU/KVM Virtual Machine PDF Manual

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4K video rendering speed in Windows 10 virtual machine with GPU passthrough (QEMU/KVM)

(2020-02-12 23:35) - Turritopsis Dohrnii Teo En Ming

4K video rendering speed in Windows 10 virtual machine with GPU passthrough (QEMU/KVM)

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[2] [2]https://marc.info/?l=kvm-ia64 &m=158152002332134 &w=2

[3] [3]https://marc.info/?l=kvm-ppc &m=158152011832158 &w=2

1. https://marc.info/?l=kvm&m=158151981932072&w=2
2. https://marc.info/?l=kvm-ia64&m=158152002332134&w=2
3. https://marc.info/?l=kvm-ppc&m=158152011832158&w=2

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Technical Specifications of Teo En Ming's Home Supercomputer (12 Feb 2020) (2020-02-12 21:40) - Turritopsis Dohrnii Teo En Ming

Subject: Technical Specifications of Teo En Ming's Home Supercomputer (12 Feb 2020)

(01) AMD Ryzen 3 3200G with Radeon Vega 8 Graphics (4 cores, 4 threads, 3.6 GHz)

(02) Gigabyte B450M DS3H Socket AM4 Motherboard (BIOS version F41)

(03) 32 GB Transcend DDR4-2666 (4 X 8 GB)

(04) AMD Radeon Vega 8 Graphics Integrated Graphics Device (IGD)

(05) MSI GeForce GTX1650 4 GB GDDR5 GPU

(06) 256 GB Transcend Solid State Device (Internal SATA SSD) (Windows 10 bare-metal)

(07) Seagate 1 TB 3.5 inch SATA HDD (Ubuntu 18.04.3 LTS Desktop Linux host)

(08) Toshiba 1 TB 3.5 inch SATA HDD (Data Drive)

(09) Asus DRW-24D5MT DVD Writer (Internal SATA)

(10) Cooler Master ATX Casing

(11) SilverStone 600W 80 Plus Power Supply Unit (PSU)

(12) Windows 10 version 1709 virtual machine with GPU Passthrough (QEMU/KVM) (250 GB)

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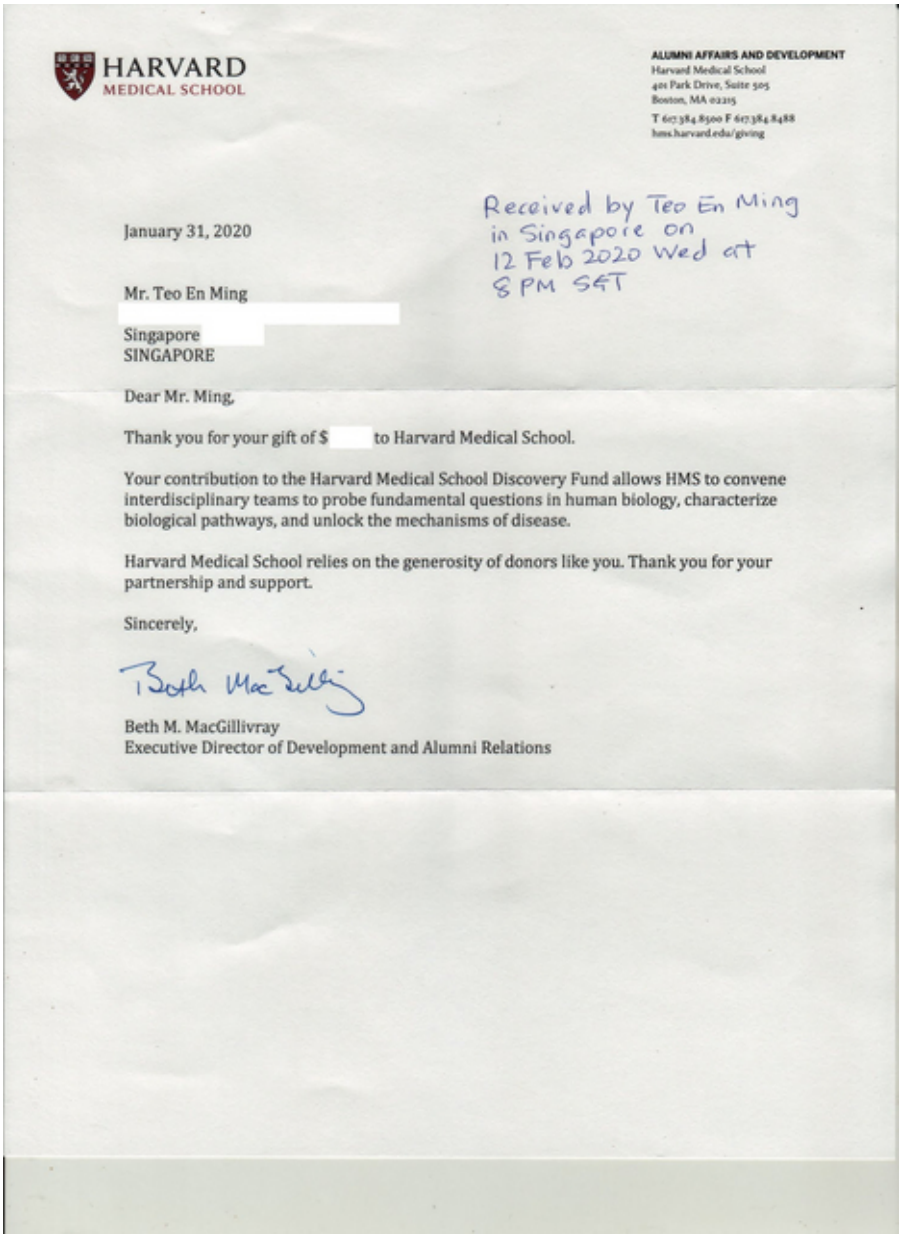
Letter from Harvard Medical School dated 31 Jan 2020 (2020-02-12 21:24) - Turritopsis Dohrnii Teo En Ming



HARVARD
MEDICAL SCHOOL

ALUMNI AFFAIRS AND DEVELOPMENT
Harvard Medical School
401 Park Drive, Suite 305
Boston, MA 02215
T 617.384.8500 F 617.384.8488
hms.harvard.edu/giving

Received by Teo En Ming in Singapore on 12 Feb 2020 Wed at 8 PM SGT

January 31, 2020

Mr. Teo En Ming
[redacted]
Singapore
SINGAPORE

Dear Mr. Ming,

Thank you for your gift of $ [redacted] to Harvard Medical School.

Your contribution to the Harvard Medical School Discovery Fund allows HMS to convene interdisciplinary teams to probe fundamental questions in human biology, characterize biological pathways, and unlock the mechanisms of disease.

Harvard Medical School relies on the generosity of donors like you. Thank you for your partnership and support.

Sincerely,

Beth MacGillivray

Beth M. MacGillivray
Executive Director of Development and Alumni Relations

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How to Mount and Unmount QEMU Images (2020-02-12 21:11) - Turritopsis Dohrnii Teo En Ming

How to Mount QEMU Images

sudo losetup /dev/loop18 win10.img

sudo kpartx -a /dev/loop18

sudo mount /dev/mapper/loop18p4 /mnt/cdrive

How to Unmount QEMU Images

sudo umount /mnt/cdrive

sudo kpartx -d /dev/loop18

sudo losetup -d /dev/loop18

Reference

[1]http://blog.siphos.be/2016/09/mounting-qemu-images/

1. `http://blog.siphos.be/2016/09/mounting-qemu-images/`

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Replaced USB 3.0 to 2.5"/3.5" SATAN HDD/SSD Adapter on 12 Feb 2020 (2020-02-12 21:02) - Turritopsis Dohrnii Teo En Ming

Replaced USB 3.0 to 2.5"/3.5" SATAN HDD/SSD Adapter on 12 Feb 2020

Previous USB 3.0 to 2.5"/3.5" SATAN HDD/SSD Adapter was faulty.

Bought new USB 3.0 to 2.5"/3.5" SATAN HDD/SSD Adapter on 12 Feb 2020 at SGD $32.

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Replaced 12 inch power fan on 9 Feb 2020 (2020-02-12 20:57) - Turritopsis Dohrnii Teo En Ming

Replaced 12 inch power fan on 9 Feb 2020

Previous Aerogalz 12 inch power fan was faulty.

Bought new Mistral 12 inch power fan at SGD $52 on 9 Feb 2020.

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4K video rendering speed in Windows 10 virtual machine with GPU passthrough (QEMU/KVM)

(2020-02-12 07:26) - Turritopsis Dohrnii Teo En Ming

4K video rendering speed in Windows 10 virtual machine with GPU passthrough (QEMU/KVM)

Processor: AMD Ryzen 3 3200G with Radeon Vega Graphics

Virtual CPUs: 3

Motherboard: Gigabyte B450M DS3H BIOS version F41

RAM: 16 GB

GPU Passthrough: MSI GeForce GTX1650 4 GB GDDR5

Results:

The time taken to render a 2 hr 33 min 4K video is 4 hr 50 min (4K video rendering speed).

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How to Force Mount A NTFS Filesystem in Linux with Windows Hibernation (2020-02-10 23:27) - Turritopsis Dohrnii Teo En Ming

How to Force Mount A NTFS Filesystem in Linux with Windows Hibernation

Linux command: sudo ntfsfix /dev/sdc2

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Top 8 Best Screen Capture Tools for Linux (2020-02-10 23:22) - Turritopsis Dohrnii Teo En Ming

Top 8 Best Screen Capture Tools for Linux

Link: [1]https://filmora.wondershare.com/video-editing-tips/screen-captur e-tools-for-linux.html

1. https://filmora.wondershare.com/video-editing-tips/screen-capture-tools-for-linux.html

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[YOUTUBE] Teo En Ming's Windows 10 Version 1709 Virtual Machine with GPU Passthrough (Linux KVM) (2020-02-10 23:19) - Turritopsis Dohrnii Teo En Ming

[YOUTUBE] Teo En Ming's Windows 10 Version 1709 Virtual Machine with GPU Passthrough (Linux KVM)

Link: [1]https://www.youtube.com/watch?v=6YBLX6CvE4I

1. `https://www.youtube.com/watch?v=6YBLX6CvE4I`

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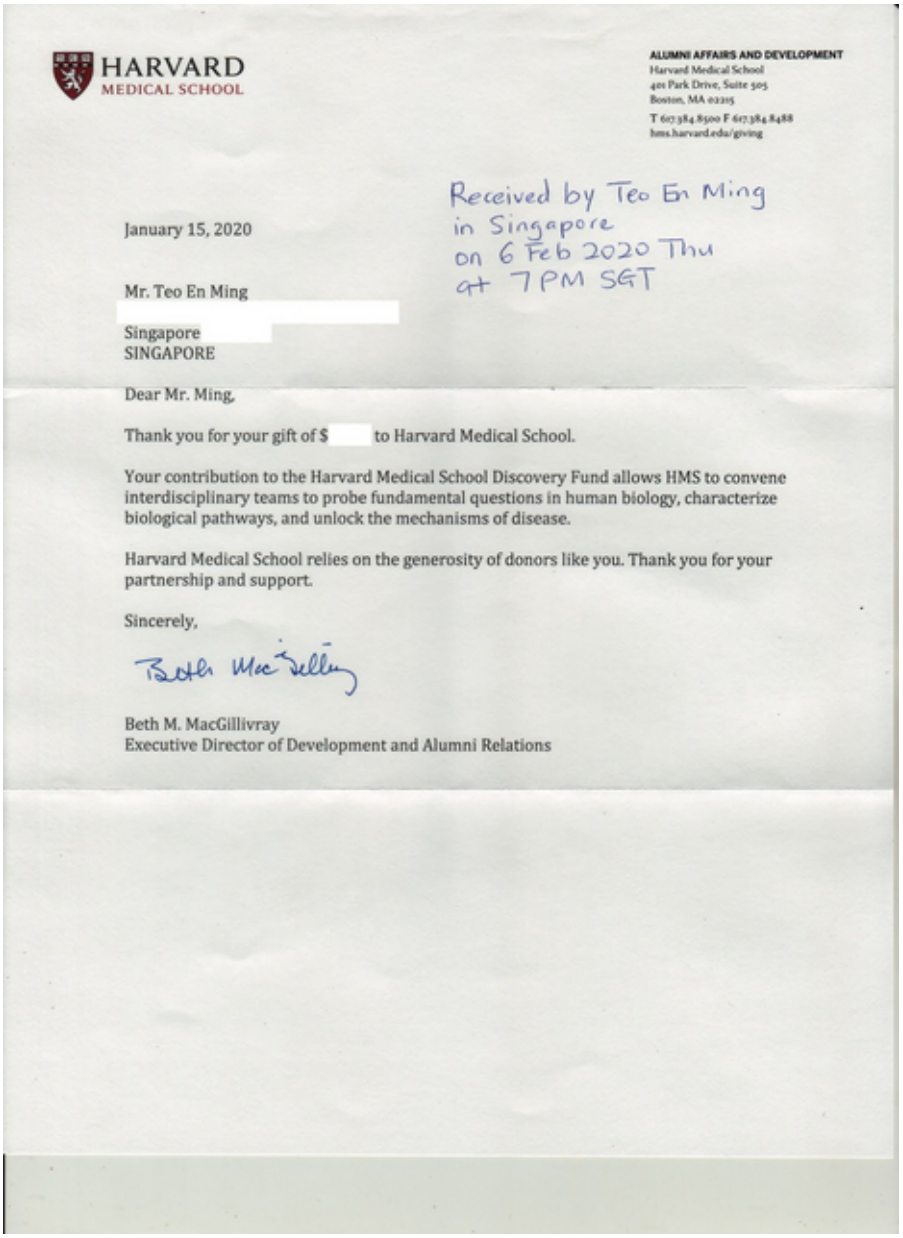
Letter from Harvard Medical School dated 15 Jan 2020 (2020-02-07 21:47) - Turritopsis Dohrnii Teo En Ming



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hms.harvard.edu/giving

Received by Teo En Ming
in Singapore
on 6 Feb 2020 Thu
at 7PM SGT

January 15, 2020

Mr. Teo En Ming
[redacted]
Singapore
SINGAPORE

Dear Mr. Ming,

Thank you for your gift of $[redacted] to Harvard Medical School.

Your contribution to the Harvard Medical School Discovery Fund allows HMS to convene interdisciplinary teams to probe fundamental questions in human biology, characterize biological pathways, and unlock the mechanisms of disease.

Harvard Medical School relies on the generosity of donors like you. Thank you for your partnership and support.

Sincerely,

Beth MacGillivray

Beth M. MacGillivray
Executive Director of Development and Alumni Relations

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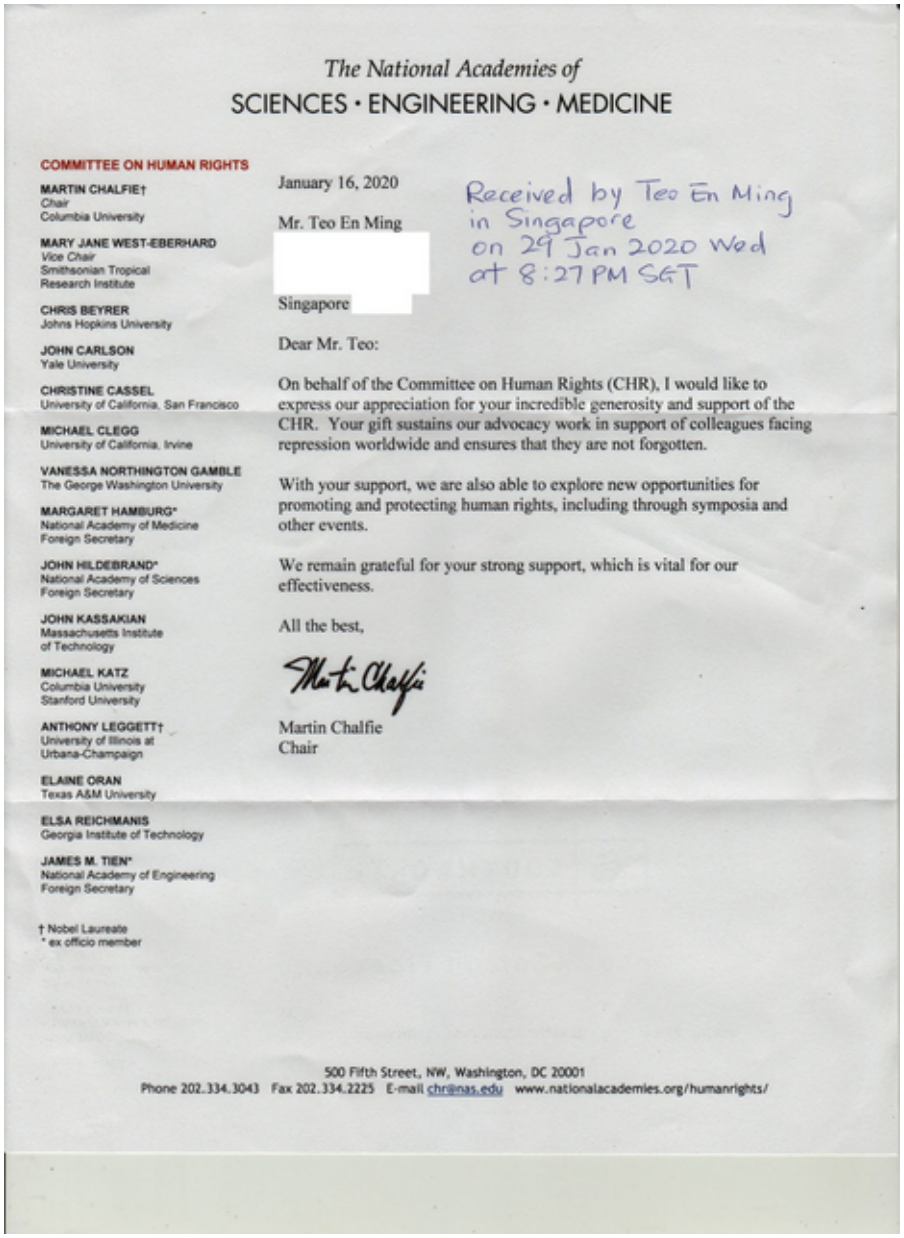
Letter from National Academy of Sciences Committee on Human Rights dated 16 Jan 2020 (2020-02-07 21:46) - Turritopsis Dohrnii Teo En Ming



The National Academies of
SCIENCES · ENGINEERING · MEDICINE

COMMITTEE ON HUMAN RIGHTS

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JAMES M. TIEN*
National Academy of Engineering
Foreign Secretary

† Nobel Laureate
* ex officio member

January 16, 2020

Received by Teo En Ming in Singapore on 29 Jan 2020 Wed at 8:27 PM SGT

Mr. Teo En Ming
[redacted]
Singapore

Dear Mr. Teo:

On behalf of the Committee on Human Rights (CHR), I would like to express our appreciation for your incredible generosity and support of the CHR. Your gift sustains our advocacy work in support of colleagues facing repression worldwide and ensures that they are not forgotten.

With your support, we are also able to explore new opportunities for promoting and protecting human rights, including through symposia and other events.

We remain grateful for your strong support, which is vital for our effectiveness.

All the best,

Martin Chalfie
Chair

500 Fifth Street, NW, Washington, DC 20001
Phone 202.334.3043 Fax 202.334.2225 E-mail chr@nas.edu www.nationalacademies.org/humanrights/

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How to Install GIMP 2.8 in Ubuntu 18.04.3 LTS Desktop Linux (2020-02-07 21:44) - Turritopsis Dohrnii Teo En Ming

How to Install GIMP 2.8 in Ubuntu 18.04.3 LTS Desktop Linux

1. Click Ubuntu Software.

2. Search for gimp.

3. Click Install.

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How to Install xsane in Ubuntu 18.04.3 LTS Desktop Linux (2020-02-07 21:41) - Turritopsis Dohrnii Teo En Ming

How to Install xsane in Ubuntu 18.04.3 LTS Desktop Linux

Linux command: sudo apt-get update

Linux command: sudo apt-get install xsane

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How I Made 5.3.0 the Default Linux Kernel in My GRUB2 Configuration for Ubuntu 18.04.3 LTS Desktop Linux (2020-02-07 07:24) - Turritopsis Dohrnii Teo En Ming

How I Made 5.3.0 the Default Linux Kernel in My GRUB2 Configuration for Ubuntu 18.04.3 LTS Desktop Linux

GRUB is the Grand Unified Bootloader.

Linux command: sudo mkdir -p /boot/backup

Linux command: cd /boot

Linux command: sudo mv vmlinuz-5.5.1-050501-generic backup/

Linux command: sudo mv initrd.img-5.5.1-050501-generic backup/

Linux command: sudo mv config-5.5.1-050501-generic backup/

Linux command: sudo mv System.map-5.5.1-050501-generic backup/

Linux command: sudo mv vmlinuz-5.4.10-acso backup/

Linux command: sudo mv initrd.img-5.4.10-acso backup/

Linux command: sudo mv config-5.4.10-acso backup/

Linux command: sudo mv System.map-5.4.10-acso backup/

Linux command: sudo update-grub

Output:

Sourcing file ‘/etc/default/grub’
Generating grub configuration file ...
Found linux image: /boot/vmlinuz-5.3.0-28-generic
Found initrd image: /boot/initrd.img-5.3.0-28-generic
Found Windows Boot Manager on /dev/sdd2@/efi/Microsoft/Boot/bootmgfw.e fi
Adding boot menu entry for EFI firmware configuration
done

Linux command: sudo reboot

Linux command: uname -a

Output:

Linux ubuntu18043 5.3.0-28-generic #30 18.04.1-Ubuntu SMP Fri Jan 17 06:14:09 UTC 2020 x86 _64 x86 _64 x86 _64 GNU/Linux

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How to Install Support for USB Thumb Drives with exFAT Filesystems in Ubuntu 18.04.3 LTS Desktop Linux (2020-02-07 07:14) - Turritopsis Dohrnii Teo En Ming

One line command only:

sudo apt-get install exfat-fuse exfat-utils

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Teo En Ming's Personal Savings as of 6 Feb 2020 Thursday (2020-02-06 00:13) - Turritopsis Dohrnii Teo En Ming

Teo En Ming's Personal Savings as of 6 Feb 2020 Thursday

POSB Bank: SGD $2200 (this includes crediting of mediocre SGD $1719 salary as IT support engineer on 5 Feb 2020 Wed for the month of Jan 2020)

UOB Bank: SGD $1288

Total Savings: SGD $3488

Most Singaporeans at the age of Teo En Ming (41 years old) should already have personal savings of AT LEAST SGD $200,000 to SGD $300,000.

Why is Teo En Ming living with such extreme poverty in Singapore?

Why is Teo En Ming's personal savings so low, so mediocre, so insignificant, so negligible and so PEANUTS?

Because Teo En Ming is a TARGETED INDIVIDUAL (TI) living in Singapore.

Because Teo En Ming is a TARGETED INDIVIDUAL (TI) living in Singapore.

Because Teo En Ming is a TARGETED INDIVIDUAL (TI) living in Singapore.

Because Teo En Ming is a TARGETED INDIVIDUAL (TI) living in Singapore.

Because Teo En Ming is a TARGETED INDIVIDUAL (TI) living in Singapore.

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Troubleshooting LG Blu-ray (internal) Writer Problems (2020-02-05 23:52) - Turritopsis Dohrnii Teo En Ming

Troubleshooting LG Blu-ray (internal) Writer Problems

Scenario 1: Windows 10 bare-metal machine

Result: 3 pieces of hp DVD-R have failed recording (wasted SGD $1.77)

Thinking: Possible batch problem with hp DVD-R optical media.

Scenario 2: Windows 10 bare-metal machine

Result: 1 piece of TDK DVD-R has failed recording (wasted SGD $1.00)

Thinking: Unlikely to be batch problem with hp DVD-R media. Possible Windows 10 corruption leading to DVD recording failure.

Scenario 3: Ubuntu 18.04.3 LTS k3b

Result: 1 piece of TDK DVD-R has failed recording (wasted SGD $1.00)

Thinking: Windows 10 corruption leading to DVD recording failure is UNLIKELY.

Conclusion:

LG Blu-ray writer has failed/malfunctioned.

Remedial solution:

Bought Asus DVD writer (internal) (model: ASUS DRW-24D5MT) for SGD $25 on 5 Feb 2020 Wednesday.

Unable to afford buying another Blu-ray writer (internal) because the price is too high (between SGD $140 to SGD $150).

Mr. Turritopsis Dohrnii Teo En Ming lives with extreme poverty in Singapore because he is a Targeted Individual (TI).

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Caution on Running Windows 10 Virtual Machine with GPU Passthrough (Linux KVM)

(2020-02-05 23:35) - Turritopsis Dohrnii Teo En Ming

Caution on Running Windows 10 Virtual Machine with GPU Passthrough (Linux KVM)

Running libvirtd daemon will severely impact the performance of Windows 10 virtual machine with GPU Passthrough (Linux KVM). It is mandatory to stop the libvirtd daemon before starting Windows 10 virtual machine with GPU Passthrough (Linux KVM).

Steps:

1. sudo systemctl stop libvirtd.service

2. sudo systemctl status libvirtd.service

3. sudo systemctl disable libvirtd.service

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How to Install Virtual Machine Manager (virt-manager) on Ubuntu 18.04.3 LTS Desktop

(2020-02-05 23:27) - Turritopsis Dohrnii Teo En Ming

How to Install Virtual Machine Manager (virt-manager) on Ubuntu 18.04.3 LTS Desktop

Steps:

1. Click Ubuntu Software.

2. Search for "virtual machine manager".

3. Click Install.

4. sudo apt install libvirt-bin

5. sudo virt-manager

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Linux Shell Script to Start Windows 10 Virtual Machine with GPU Passthrough (Linux KVM) (4 Feb 2020) (2020-02-04 22:36) - Turritopsis Dohrnii Teo En Ming

```
#!/bin/bash

# Mr. Turritopsis Dohrnii Teo En Ming
# Singapore
# 4 Feb 2020 Tuesday

# Haven’t configure bridged networking yet. TO-DO in future.

vmname="windows10vm"

if ps -ef | grep qemu-system-x86 _64 | grep -q multifunction=on; then
echo "A passthrough VM is already running." &
exit 1

else

# use pulseaudio
export QEMU _AUDIO _DRV=pa
export QEMU _PA _SAMPLES=8192
export QEMU _AUDIO _TIMER _PERIOD=99
export QEMU _PA _SERVER=/run/user/1000/pulse/native

cp /usr/share/OVMF/OVMF _VARS.fd /tmp/my _vars.fd

# /dev/sdc2 is Toshiba 1 TB 3.5 inch internal SATA harddisk

qemu-system-x86 _64 \
-name $vmname,process= $vmname \
-machine type=pc,accel=kvm \
-cpu host,kvm=off \
-smp 3,sockets=1,cores=3,threads=1 \
-m 16G \
-balloon none \
-rtc clock=host,base=localtime \
-serial none \
-parallel none \
-soundhw hda \
-usb \
-device usb-host,vendorid=0x0603,productid=0x00f2 \
-device usb-host,vendorid=0x056e,productid=0x0107 \
-device vfio-pci,host=01:00.0,multifunction=on \
-device vfio-pci,host=01:00.1 \
-drive if=pflash,format=raw,readonly,file=/usr/share/OVMF/OVMF _CODE.fd \
-drive if=pflash,format=raw,file=/tmp/my _vars.fd \
-boot order=dc \
-drive id=disk0,if=virtio,cache=none,format=raw,file=/home/teo-en-ming/win10.img \
-drive id=disk1,if=virtio,cache=none,format=raw,file=/dev/sdc2 \
-drive file=/home/teo-en-ming/win10-1709.iso,index=1,media=cdrom \
-drive file=/home/teo-en-ming/Downloads/virtio-win-0.1.173.iso,index=2,media=cdrom \
-vga none \
```

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```
-nographic
#-netdev type=tap,id=net0,ifname=vmtap0,vhost=on \
#-device virtio-net-pci,netdev=net0,mac=00:16:3e:00:01:01

exit 0
fi
```


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Teo En Ming's Personal Savings as of 4 Feb 2020 Tue (2020-02-04 08:03) - Turritopsis Dohrnii Teo En Ming

Teo En Ming's Personal Savings as of 4 Feb 2020 Tue

POSB Bank: SGD $681

UOB Bank: SGD $1328

Total Savings: SGD $2009

Most Singaporeans at the age of Teo En Ming (41 years old) should already have personal savings of at least SGD $200,000 to SGD $300,000.

Why is Teo En Ming living in such extreme poverty?

Why is Teo En Ming's personal savings so low, so mediocre, and so peanuts?

Because Teo En Ming is a TARGETED INDIVIDUAL (TI) living in Singapore.

Because Teo En Ming is a TARGETED INDIVIDUAL (TI) living in Singapore.

Because Teo En Ming is a TARGETED INDIVIDUAL (TI) living in Singapore.

Because Teo En Ming is a TARGETED INDIVIDUAL (TI) living in Singapore.

Because Teo En Ming is a TARGETED INDIVIDUAL (TI) living in Singapore.

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Linux Shell Script to Start Windows 10 Virtual Machine with GPU Passthrough (Linux KVM) (3rd Feb 2020) (2020-02-03 23:47) - Turritopsis Dohrnii Teo En Ming

```
#!/bin/bash

# Mr. Turritopsis Dohrnii Teo En Ming
# Singapore
# 3 Feb 2020 Monday

# Haven’t configure bridged networking yet. TO-DO in future.

vmname="windows10vm"

if ps -ef | grep qemu-system-x86 _64 | grep -q multifunction=on; then
echo "A passthrough VM is already running." &
exit 1

else

# use pulseaudio
export QEMU _AUDIO _DRV=pa
export QEMU _PA _SAMPLES=8192
export QEMU _AUDIO _TIMER _PERIOD=99
export QEMU _PA _SERVER=/run/user/1000/pulse/native

cp /usr/share/OVMF/OVMF _VARS.fd /tmp/my _vars.fd

# /dev/sdc2 is Toshiba 1 TB 3.5 inch internal SATA harddisk

qemu-system-x86 _64 \
-name $vmname,process= $vmname \
-machine type=pc,accel=kvm \
-cpu host,kvm=off \
-smp 3,sockets=1,cores=3,threads=1 \
-m 8G \
-balloon none \
-rtc clock=host,base=localtime \
-serial none \
-parallel none \
-soundhw hda \
-usb \
-device usb-host,vendorid=0x0603,productid=0x00f2 \
-device usb-host,vendorid=0x056e,productid=0x0107 \
-device vfio-pci,host=01:00.0,multifunction=on \
-device vfio-pci,host=01:00.1 \
-drive if=pflash,format=raw,readonly,file=/usr/share/OVMF/OVMF _CODE.fd \
-drive if=pflash,format=raw,file=/tmp/my _vars.fd \
-boot order=dc \
-drive id=disk0,if=virtio,cache=none,format=raw,file=/home/teo-en-ming/win10.img \
-drive id=disk1,if=virtio,cache=none,format=raw,file=/dev/sdc2 \
-drive file=/home/teo-en-ming/win10-1709.iso,index=1,media=cdrom \
-drive file=/home/teo-en-ming/Downloads/virtio-win-0.1.173.iso,index=2,media=cdrom \
-vga none \
```


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```
-nographic
 #-netdev type=tap,id=net0,ifname=vmtap0,vhost=on \
 #-device virtio-net-pci,netdev=net0,mac=00:16:3e:00:01:01

 exit 0
 fi
```

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Teo En Ming's Contribution to Open Source Xen Virtualization (2020-02-03 22:44) - Turritopsis Dohrnii Teo En Ming

Teo En Ming's Contribution to Open Source Xen Virtualization

Link: [1]https://www.google.com/search?q=teo+en+ming+site:xen.org

1. `https://www.google.com/search?q=teo+en+ming+site:xen.org`

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Teo En Ming's Guide to GPU/VGA Passthrough of NVidia GeForce GTX1650 to Windows 10 Virtual Machine using Linux KVM on Ubuntu 18.04.3 LTS Desktop Edition (2020-02-03 22:41) - Turritopsis Dohrnii Teo En Ming

Primary Subject: Teo En Ming's Guide to GPU/VGA Passthrough of NVidia GeForce GTX1650 to Windows 10 Virtual Machine using Linux KVM on Ubuntu 18.04.3 LTS Desktop Edition

Secondary Subject: Mr. Turritopsis Dohrnii Teo En Ming's Linux KVM GPU Passthrough Project, Started 1st Feb 2020 Saturday late night before midnight and completed
on 2nd Feb 2020 Sunday at 9:21 PM Singapore Time

PUBLISHED 2ND FEB 2020 SUNDAY AT 9:30 PM SINGAPORE TIME (VERSION 1.0)

REFERENCE
=========

Heiko Sieger's blog: Running Windows 10 on Linux using KVM with VGA Passthrough

Link: https://heiko-sieger.info/running-windows-10-on-linux-using-kvm-with-vga-passth rough/

========== -
==========

I am following Heiko Sieger's guide because I think it is very well written and very well explained. Good job!

I need to come up with this guide for myself because the home desktop computer which I have is specific and unique to me.

Turritopsis Dohrnii Teo En Ming's home desktop computer technical specifications:

[1] Processor: AMD Ryzen 3 3200G with Radeon Vega 8 Graphics, 4 Cores, 4 Threads, 4.0 GHz Max Boost, 3.6 GHz Base
[2] Motherboard: Gigabyte B450M DS3H rev 1.0 Socket AM4 (BIOS Version: F41, BIOS Date: 07/22/2019, BIOS ID: 8A16BG05)
[3] Memory: 8 GB Transcend DDR4-2666
[4] Integrated Graphics Device (IGD): AMD Radeon Vega 8 Graphics (for Linux host)
[5] Discrete GPU on PCIe Slot 1: MSI GeForce GTX1650 Ventus XS OC Edition 4 GB GDDR5 (for Windows 10 version 1709 virtual machine)
[6] Solid State Disk (SSD): 256 GB Transcend SSD (bare-metal Windows 10 version 1909 installation)
[7] Harddisk (HDD): Seagate Barracude 1 TB 3.5" Internal SATA (for installing Ubuntu 18.04.3 LTS Desktop Edition host)

DETAILED INSTRUCTIONS
==========

Download ubuntu-18.04.3-desktop-amd64.iso from ubuntu.com (official website) and burn it to a USB thumb drive using Universal USB Installer 1.9.9.0
from Pendrivelinux.com

Reboot computer.

Press DELETE to go into BIOS Setup.

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Use the CLASSIC BIOS Interface.

Peripherals > Initial Display Output: IGD Video (Onboard Graphics)

M.I.T. > Advanced Frequency Settings > Advanced CPU Settings > SVM Mode: Enabled

BIOS > Storage Boot Option Control: UEFI Only

BIOS > Other PCI Device ROM Priority: UEFI Only

Save BIOS settings and Exit.

Press F12 to go into Boot Menu.

Select the USB thumb drive containing Ubuntu 18.04.3 LTS (UEFI).

Select "Try Ubuntu without installing".

Double click "Install Ubuntu 18.04.3 LTS".

Welcome: English

Keyboard layout: English (US)

Select "Normal installation".

Uncheck "Download updates while installing Ubuntu".

Uncheck "Install third-party software for graphics and Wi-Fi hardware and additional media formats".

Select "Erase disk and install Ubuntu".

Uncheck "Encrypt the new Ubuntu installation for security".

Uncheck "Use LVM with the new Ubuntu installation".

Select drive: SCSI1 (0,0,0) (sda) - 1.0 TB ATA ST1000DM010-2EP1 (Seagate Barracuda).

Click Install Now.

Write the changes to disks? Continue.

Where are you? Singapore.

Your name: Turritopsis Dohrnii Teo En Ming

Your computer’s name: ubuntu18043

Pick a username: teo-en-ming

Installation Complete: Click Restart Now.

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Press F12 to go into Boot Menu.

Select ubuntu (Seagate 1 TB HDD).

Linux command: sudo nano /etc/default/grub

Contents of file:

If you change this file, run ’update-grub’ afterwards to update
/boot/grub/grub.cfg.
For full documentation of the options in this file, see:
info -f grub -n ’Simple configuration’

GRUB _DEFAULT=0
GRUB _TIMEOUT _STYLE=hidden
GRUB _TIMEOUT=10
GRUB _DISTRIBUTOR=‘lsb _release -i -s 2> /dev/null || echo Debian‘
GRUB _CMDLINE _LINUX _DEFAULT="quiet splash amd _iommu=on"
GRUB _CMDLINE _LINUX=""

Uncomment to enable BadRAM filtering, modify to suit your needs
This works with Linux (no patch required) and with any kernel that obtains
the memory map information from GRUB (GNU Mach, kernel of FreeBSD ...)
#GRUB _BADRAM="0x01234567,0xfefefefe,0x89abcdef,0xefefefef"

Uncomment to disable graphical terminal (grub-pc only)
#GRUB _TERMINAL=console

The resolution used on graphical terminal
note that you can use only modes which your graphic card supports via VBE
you can see them in real GRUB with the command ‘vbeinfo’
#GRUB _GFXMODE=640x480

Uncomment if you don’t want GRUB to pass "root=UUID=xxx" parameter to Linux
#GRUB _DISABLE _LINUX _UUID=true

Uncomment to disable generation of recovery mode menu entries
#GRUB _DISABLE _RECOVERY="true"

Uncomment to get a beep at grub start
#GRUB _INIT _TUNE="480 440 1"

Linux command: sudo update-grub

Output:

Sourcing file ‘/etc/default/grub’
Generating grub configuration file ...
Found linux image: /boot/vmlinuz-5.3.0-28-generic
Found initrd image: /boot/initrd.img-5.3.0-28-generic
Found linux image: /boot/vmlinuz-5.0.0-23-generic
Found initrd image: /boot/initrd.img-5.0.0-23-generic
Found Windows Boot Manager on /dev/sdc2@/efi/Microsoft/Boot/bootmgfw.e fi

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Adding boot menu entry for EFI firmware configuration
done

Reboot the computer.

Linux command: sudo reboot

Linux command: dmesg | grep AMD-Vi

Output:

[0.572129] pci 0000:00:00.2: AMD-Vi: Unable to write to IOMMU perf counter.
[0.576192] pci 0000:00:00.2: AMD-Vi: Found IOMMU cap 0x40
[0.576193] pci 0000:00:00.2: AMD-Vi: Extended features (0x4f77ef22294ada):
[0.576195] AMD-Vi: Interrupt remapping enabled
[0.576195] AMD-Vi: Virtual APIC enabled
[0.576368] AMD-Vi: Lazy IO/TLB flushing enabled
[10.432967] AMD-Vi: AMD IOMMUv2 driver by Joerg Roedel <jroedel@suse.de>

Linux command: cat /proc/cpuinfo | grep svm

Output:

flags

: fpu vme de pse tsc msr pae mce cx8 apic sep mtrr pge mca cmov pat pse36 clflush mmx fxsr sse sse2 ht syscall nx mmxext fxsr _opt pdpe1gb rdtscp lm constant _tsc rep _good nopl nonstop _tsc cpuid extd _apicid aperfmperf pni pclmulqdq monitor ssse3 fma cx16 sse4 _1 sse4 _2 movbe popcnt aes xsave avx f16c rdrand lahf _lm cmp _legacy svm extapic cr8 _legacy abm sse4a misalignsse 3dnowprefetch osvw skinit wdt tce topoext perfctr _core perfctr _nb bpext perfctr _llc mwaitx cpb hw _pstate sme ssbd sev ibpb vmmcall fsgsbase bmi1 avx2 smep bmi2 rdseed adx smap clflushopt sha _ni xsaveopt xsavec xgetbv1 xsaves clzero irperf xsaveerptr arat npt lbrv svm _lock nrip _save tsc _scale vmcb _clean flushbyasid decodeassists pausefilter pfthreshold avic v _vmsave _vmload vgif overflow _recov succor smca
flags

: fpu vme de pse tsc msr pae mce cx8 apic sep mtrr pge mca cmov pat pse36 clflush mmx fxsr sse sse2 ht syscall nx mmxext fxsr _opt pdpe1gb rdtscp lm constant _tsc rep _good nopl nonstop _tsc cpuid extd _apicid aperfmperf pni pclmulqdq monitor ssse3 fma cx16 sse4 _1 sse4 _2 movbe popcnt aes xsave avx f16c rdrand lahf _lm cmp _legacy svm extapic cr8 _legacy abm sse4a misalignsse 3dnowprefetch osvw skinit wdt tce topoext perfctr _core perfctr _nb bpext perfctr _llc mwaitx cpb hw _pstate sme ssbd sev ibpb vmmcall fsgsbase bmi1 avx2 smep bmi2 rdseed adx smap clflushopt sha _ni xsaveopt xsavec xgetbv1 xsaves clzero irperf xsaveerptr arat npt lbrv svm _lock nrip _save tsc _scale vmcb _clean flushbyasid decodeassists pausefilter pfthreshold avic v _vmsave _vmload vgif overflow _recov succor smca
flags

: fpu vme de pse tsc msr pae mce cx8 apic sep mtrr pge mca cmov pat pse36 clflush mmx fxsr sse sse2 ht syscall nx mmxext fxsr _opt pdpe1gb rdtscp lm constant _tsc rep _good nopl nonstop _tsc cpuid extd _apicid aperfmperf pni pclmulqdq monitor ssse3 fma cx16 sse4 _1 sse4 _2 movbe popcnt aes xsave avx f16c rdrand lahf _lm cmp _legacy svm extapic cr8 _legacy abm sse4a misalignsse 3dnowprefetch osvw skinit wdt tce topoext perfctr _core perfctr _nb bpext perfctr _llc mwaitx cpb hw _pstate sme ssbd sev ibpb vmmcall fsgsbase bmi1 avx2 smep bmi2 rdseed adx smap clflushopt sha _ni xsaveopt xsavec xgetbv1 xsaves clzero irperf xsaveerptr arat npt lbrv svm _lock nrip _save tsc _scale vmcb _clean flushbyasid decodeassists pausefilter pfthreshold avic v _vmsave _vmload vgif overflow _recov succor smca

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flags

: fpu vme de pse tsc msr pae mce cx8 apic sep mtrr pge mca cmov pat pse36 clflush mmx fxsr sse sse2 ht syscall nx mmxext fxsr _opt pdpe1gb rdtscp lm constant _tsc rep _good nopl nonstop _tsc cpuid extd _apicid aperfmperf pni pclmulqdq monitor ssse3 fma cx16 sse4 _1 sse4 _2 movbe popcnt aes xsave avx f16c rdrand lahf _lm cmp _legacy svm extapic cr8 _legacy abm sse4a misalignsse 3dnowprefetch osvw skinit wdt tce topoext perfctr _core perfctr _nb bpext perfctr _llc mwaitx cpb hw _pstate sme ssbd sev ibpb vmmcall fsgsbase bmi1 avx2 smep bmi2 rdseed adx smap clflushopt sha _ni xsaveopt xsavec xgetbv1 xsaves clzero irperf xsaveerptr arat npt lbrv svm _lock nrip _save tsc _scale vmcb _clean flushbyasid decodeassists pausefilter pfthreshold avic v _vmsave _vmload vgif overflow _recov succor smca

Linux command: sudo apt install qemu-kvm qemu-utils seabios ovmf hugepages cpu-checker

Linux command: lspci | grep VGA

Output:

01:00.0 VGA compatible controller: NVIDIA Corporation Device 1f82 (rev a1)
07:00.0 VGA compatible controller: Advanced Micro Devices, Inc. [AMD/ATI] Picasso (rev c9)

Linux command: lspci -nn | grep 01:00.

Output:

01:00.0 VGA compatible controller [0300]: NVIDIA Corporation Device [10de:1f82] (rev a1)
01:00.1 Audio device [0403]: NVIDIA Corporation Device [10de:10fa] (rev a1)

Bus numbers of NVidia GeForce GTX1650 GPU:

01:00.0
01:00.1

PCI IDs of NVidia GeForce GTX1650 GPU:

10de:1f82
10de:10fa

Linux command: for a in /sys/kernel/iommu _groups/*; do find $a -type l; done | sort –version-sort

Output:

/sys/kernel/iommu _groups/7/devices/0000:01:00.0
/sys/kernel/iommu _groups/7/devices/0000:01:00.1

IOMMU Group: 7

Linux command: lsusb

Output:

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Bus 001 Device 005: ID 0603:00f2 Novatek Microelectronics Corp. Keyboard (Labtec Ultra Flat Keyboard)
Bus 001 Device 004: ID 056e:0107 Elecom Co., Ltd (wireless optical mouse)

Linux command: cat /sys/bus/pci/devices/0000:01:00.0/modalias

Output:

pci:v000010DEd00001F82sv00001462sd00008D92bc03sc00i00

Linux command: cat /sys/bus/pci/devices/0000:01:00.1/modalias

Output:

pci:v000010DEd000010FAsv00001462sd00008D92bc04sc03i00

Linux command: sudo nano /etc/modprobe.d/local.conf

Contents of file:

alias pci:v000010DEd00001F82sv00001462sd00008D92bc03sc00i00 vfio-pci
alias pci:v000010DEd000010FAsv00001462sd00008D92bc04sc03i00 vfio-pci
options vfio-pci ids=10de:1f82,10de:10fa
options vfio-pci disable _vga=1

Linux command: sudo nano /etc/modprobe.d/kvm.conf

Contents of file:

options kvm ignore _msrs=1

Linux command: sudo nano /etc/initramfs-tools/modules

Contents of file:

vfio
vfio _iommu _type1
vfio _pci
vfio _virqfd
vhost-net

Linux command: sudo update-initramfs -u

Output:

update-initramfs: Generating /boot/initrd.img-5.3.0-28-generic

I will configure bridge networking much later, after GPU Passthrough is successful. GPU Passthrough is top priority. I must get it to work first.

REFERENCE
=========

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Link: https://heiko-sieger.info/define-a-network-bridge-using-ubuntus-linux-mints-net work-manager-application/

Download the latest VFIO drivers from https://fedorapeople.org/groups/virt/vir tio-win/direct-downloads/latest-virtio/virtio-win.iso

Linux command: fallocate -l 250G /home/teo-en-ming/win10.img

Linux command: kvm-ok

Output:

INFO: /dev/kvm exists
KVM acceleration can be used

Linux command: lsmod | grep kvm

Output:

kvm _amd 94208 0
ccp 86016 1 kvm _amd
kvm 651264 1 kvm _amd
irqbypass 16384 1 kvm

Reboot the computer.

Linux command: sudo reboot

Linux command: lsmod | grep kvm

Output:

kvm _amd 94208 0
ccp 86016 1 kvm _amd
kvm 651264 1 kvm _amd
irqbypass 16384 2 vfio _pci,kvm

Linux command: lsmod | grep vfio

Output:

vfio _pci 49152 0
irqbypass 16384 2 vfio _pci,kvm
vfio _virqfd 16384 1 vfio _pci
vfio _iommu _type1 28672 0
vfio 32768 2 vfio _iommu _type1,vfio _pci

Linux command: qemu-system-x86 _64 –version

Output:

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QEMU emulator version 2.11.1(Debian 1:2.11+dfsg-1ubuntu7.21)
Copyright (c) 2003-2017 Fabrice Bellard and the QEMU Project developers

Linux command: lspci -kn | grep -A 2 01:00

Output:

01:00.0 0300: 10de:1f82 (rev a1)

Subsystem: 1462:8d92

Kernel driver in use: vfio-pci
_
01:00.1 0403: 10de:10fa (rev a1)

Subsystem: 1462:8d92

Kernel driver in use: vfio-pci

Kernel driver in use is vfio-pci. It worked!

Linux command: dmesg | grep VFIO

Output:

[2.808675] VFIO - User Level meta-driver version: 0.3

Create Script to Start Windows 10 Virtual Machine with GPU Passthrough
==========

Linux command: sudo nano windows10vm.sh

Contents of file:

```
#!/bin/bash

vmname="windows10vm"

if ps -ef | grep qemu-system-x86 _64 | grep -q multifunction=on; then
echo "A passthrough VM is already running." &
exit 1

else

# use pulseaudio
export QEMU _AUDIO _DRV=pa
export QEMU _PA _SAMPLES=8192
export QEMU _AUDIO _TIMER _PERIOD=99
export QEMU _PA _SERVER=/run/user/1000/pulse/native

cp /usr/share/OVMF/OVMF _VARS.fd /tmp/my _vars.fd
```


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```
qemu-system-x86 _64 \
-name $vmname,process= $vmname \
-machine type=pc,accel=kvm \
-cpu host,kvm=off \
-smp 3,sockets=1,cores=3,threads=1 \
-m 4G \
-balloon none \
-rtc clock=host,base=localtime \
-serial none \
-parallel none \
-soundhw hda \
-usb \
-device usb-host,vendorid=0x0603,productid=0x00f2 \
-device usb-host,vendorid=0x056e,productid=0x0107 \
-device vfio-pci,host=01:00.0,multifunction=on \
-device vfio-pci,host=01:00.1 \
-drive if=pflash,format=raw,readonly,file=/usr/share/OVMF/OVMF _CODE.fd \
-drive if=pflash,format=raw,file=/tmp/my _vars.fd \
-boot order=dc \
-drive id=disk0,if=virtio,cache=none,format=raw,file=/home/teo-en-ming/win10.img \
-drive file=/home/teo-en-ming/win10-1709.iso,index=1,media=cdrom \
-drive file=/home/teo-en-ming/Downloads/virtio-win-0.1.173.iso,index=2,media=cdrom
 #-netdev type=tap,id=net0,ifname=vmtap0,vhost=on \
 #-device virtio-net-pci,netdev=net0,mac=00:16:3e:00:01:01
 #-vga none \
 #-nographic \

exit 0
fi
```

Linux command: sudo chmod +x windows10vm.sh

Linux command: sudo ./windows10vm.sh

Temporarily paused doing work at 2:41 AM in the morning on 2nd Feb 2020 Sunday.

Instructions for AMD Ryzen platforms
==========

Link: https://forums.linuxmint.com/viewtopic.php?f=231 &t=212692 &p=1340482 #p1340482

Linux command: sudo add-apt-repository ppa:jacob/virtualisation

Uninstall qemu 2.11.1.

Linux command: sudo apt-get remove qemu-kvm qemu-utils

Install qemu 2.12

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Linux command: sudo apt install qemu-kvm qemu-utils

ERROR: Windows 10 virtual machine keeps showing BSOD with IRQL NOT LESS OR EQUAL Stop Code.
By the way, I am able to see the Tiano Core screen.
No matter what variables I play with in the shell script to start Windows 10 VM,
I always get BSOD IRQL NOT LESS OR EQUAL Stop Code. I am running out of options already.
Please give me suggestions.

Questions
=========

[1] Is MSI GeForce GTX1650 4 GB GDDR5 GPU not supported by Linux KVM for GPU Passthrough?

[2] Do I need to upgrade the BIOS of my Gigabyte B450M DS3H Socket AM4 motherboard? I fear bricking my motherboard. It is a risky operation.

[3] Are there any other workarounds that I have to do for AMD Ryzen 3000 series platform, in order to get GPU Passthrough to work?

I am looking forward to your replies.

Thank you very much!

Stopped troubleshooting at 5.19 AM Singapore Time on 2 Feb 2020 Sunday and went to sleep.

Resumed troubleshooting at around 12 noon Singapore Time on 2 Feb 2020 Sunday.

Upgraded motherboard BIOS to version F50 using Q-Flash.

Linux command: sudo ./windows10vm.sh

Output:

qemu-system-x86 _64: -balloon none: warning: This option is deprecated. Use '–device virtio-balloon' to enable the balloon device.
qemu-system-x86 _64: -device vfio-pci,host=01:00.0,multifunction=on: vfio error: 0000:01:00.0: group 0 is not viable
Please ensure all devices within the iommu _group are bound to their vfio bus driver.

Linux command: for a in /sys/kernel/iommu _groups/*; do find $a -type l; done | sort –version-sort

Output:

/sys/kernel/iommu _groups/0/devices/0000:00:01.0
/sys/kernel/iommu _groups/0/devices/0000:00:01.1
/sys/kernel/iommu _groups/0/devices/0000:00:01.2
/sys/kernel/iommu _groups/0/devices/0000:01:00.0
/sys/kernel/iommu _groups/0/devices/0000:01:00.1
/sys/kernel/iommu _groups/0/devices/0000:02:00.0
/sys/kernel/iommu _groups/0/devices/0000:02:00.1
/sys/kernel/iommu _groups/0/devices/0000:02:00.2
/sys/kernel/iommu _groups/0/devices/0000:03:00.0

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/sys/kernel/iommu _groups/0/devices/0000:03:01.0
/sys/kernel/iommu _groups/0/devices/0000:03:04.0
/sys/kernel/iommu _groups/0/devices/0000:05:00.0
/sys/kernel/iommu _groups/0/devices/0000:06:00.0
/sys/kernel/iommu _groups/1/devices/0000:00:08.0
/sys/kernel/iommu _groups/1/devices/0000:00:08.1
/sys/kernel/iommu _groups/1/devices/0000:00:08.2
/sys/kernel/iommu _groups/1/devices/0000:07:00.0
/sys/kernel/iommu _groups/1/devices/0000:07:00.1
/sys/kernel/iommu _groups/1/devices/0000:07:00.2
/sys/kernel/iommu _groups/1/devices/0000:07:00.3
/sys/kernel/iommu _groups/1/devices/0000:07:00.4
/sys/kernel/iommu _groups/1/devices/0000:07:00.6
/sys/kernel/iommu _groups/1/devices/0000:08:00.0
/sys/kernel/iommu _groups/2/devices/0000:00:14.0
/sys/kernel/iommu _groups/2/devices/0000:00:14.3
/sys/kernel/iommu _groups/3/devices/0000:00:18.0
/sys/kernel/iommu _groups/3/devices/0000:00:18.1
/sys/kernel/iommu _groups/3/devices/0000:00:18.2
/sys/kernel/iommu _groups/3/devices/0000:00:18.3
/sys/kernel/iommu _groups/3/devices/0000:00:18.4
/sys/kernel/iommu _groups/3/devices/0000:00:18.5
/sys/kernel/iommu _groups/3/devices/0000:00:18.6
/sys/kernel/iommu _groups/3/devices/0000:00:18.7

Linux command: sudo apt install inxi

Linux command: inxi -S

Output:

System: Host: ubuntu18043 Kernel: 5.3.0-28-generic x86 _64 bits: 64 Desktop: Gnome 3.28.4
Distro: Ubuntu 18.04.3 LTS

REFERENCE
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Link: https://phoenixnap.com/kb/how-to-update-kernel-ubuntu

Linux command: sudo apt-add-repository ppa:teejee2008/ppa

Linux command: sudo apt-get update

Linux command: sudo apt-get install ukuu

Linux command: sudo ukuu-gtk

Ukuu: Ubuntu Kernel Update Utility

Installed Linux kernel 5.5.1 using Ukuu.

Linux command: uname -a

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Output:

Linux ubuntu18043 5.5.1-050501-generic #202002011032 SMP Sat Feb 1 10:34:22 UTC 2020 x86 _64 x86 _64 x86 _64 GNU/Linux

Linux command: for a in /sys/kernel/iommu _groups/*; do find $a -type l; done | sort –version-sort

/sys/kernel/iommu _groups/0/devices/0000:00:01.0
/sys/kernel/iommu _groups/0/devices/0000:00:01.1
/sys/kernel/iommu _groups/0/devices/0000:00:01.2
/sys/kernel/iommu _groups/0/devices/0000:01:00.0
/sys/kernel/iommu _groups/0/devices/0000:01:00.1
/sys/kernel/iommu _groups/0/devices/0000:02:00.0
/sys/kernel/iommu _groups/0/devices/0000:02:00.1
/sys/kernel/iommu _groups/0/devices/0000:02:00.2
/sys/kernel/iommu _groups/0/devices/0000:03:00.0
/sys/kernel/iommu _groups/0/devices/0000:03:01.0
/sys/kernel/iommu _groups/0/devices/0000:03:04.0
/sys/kernel/iommu _groups/0/devices/0000:05:00.0
/sys/kernel/iommu _groups/0/devices/0000:06:00.0
/sys/kernel/iommu _groups/1/devices/0000:00:08.0
/sys/kernel/iommu _groups/1/devices/0000:00:08.1
/sys/kernel/iommu _groups/1/devices/0000:00:08.2
/sys/kernel/iommu _groups/1/devices/0000:07:00.0
/sys/kernel/iommu _groups/1/devices/0000:07:00.1
/sys/kernel/iommu _groups/1/devices/0000:07:00.2
/sys/kernel/iommu _groups/1/devices/0000:07:00.3
/sys/kernel/iommu _groups/1/devices/0000:07:00.4
/sys/kernel/iommu _groups/1/devices/0000:07:00.6
/sys/kernel/iommu _groups/1/devices/0000:08:00.0
/sys/kernel/iommu _groups/2/devices/0000:00:14.0
/sys/kernel/iommu _groups/2/devices/0000:00:14.3
/sys/kernel/iommu _groups/3/devices/0000:00:18.0
/sys/kernel/iommu _groups/3/devices/0000:00:18.1
/sys/kernel/iommu _groups/3/devices/0000:00:18.2
/sys/kernel/iommu _groups/3/devices/0000:00:18.3
/sys/kernel/iommu _groups/3/devices/0000:00:18.4
/sys/kernel/iommu _groups/3/devices/0000:00:18.5
/sys/kernel/iommu _groups/3/devices/0000:00:18.6
/sys/kernel/iommu _groups/3/devices/0000:00:18.7

REFERENCE
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https://queuecumber.gitlab.io/linux-acs-override/

Linux command: cd Downloads

Linux command: unzip artifacts.zip

Linux command: sudo dpkg -i linux-headers-5.4.10-acso _5.4.10-acso-1 _amd64.deb

Linux command: sudo dpkg -i linux-image-5.4.10-acso _5.4.10-acso-1 _amd64.deb

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Linux command: sudo dpkg -i linux-libc-dev _5.4.10-acso-1 _amd64.deb

Linux command: sudo reboot

Linux command: uname -a

Output:

Linux ubuntu18043 5.4.10-acso #1 SMP Thu Jan 9 10:30:12 UTC 2020 x86 _64 x86 _64 x86 _64 GNU/Linux

Linux command: for a in /sys/kernel/iommu _groups/*; do find $a -type l; done | sort –version-sort

Output:

/sys/kernel/iommu _groups/0/devices/0000:00:01.0
/sys/kernel/iommu _groups/0/devices/0000:00:01.1
/sys/kernel/iommu _groups/0/devices/0000:00:01.2
/sys/kernel/iommu _groups/0/devices/0000:01:00.0
/sys/kernel/iommu _groups/0/devices/0000:01:00.1
/sys/kernel/iommu _groups/0/devices/0000:02:00.0
/sys/kernel/iommu _groups/0/devices/0000:02:00.1
/sys/kernel/iommu _groups/0/devices/0000:02:00.2
/sys/kernel/iommu _groups/0/devices/0000:03:00.0
/sys/kernel/iommu _groups/0/devices/0000:03:01.0
/sys/kernel/iommu _groups/0/devices/0000:03:04.0
/sys/kernel/iommu _groups/0/devices/0000:05:00.0
/sys/kernel/iommu _groups/0/devices/0000:06:00.0
/sys/kernel/iommu _groups/1/devices/0000:00:08.0
/sys/kernel/iommu _groups/1/devices/0000:00:08.1
/sys/kernel/iommu _groups/1/devices/0000:00:08.2
/sys/kernel/iommu _groups/1/devices/0000:07:00.0
/sys/kernel/iommu _groups/1/devices/0000:07:00.1
/sys/kernel/iommu _groups/1/devices/0000:07:00.2
/sys/kernel/iommu _groups/1/devices/0000:07:00.3
/sys/kernel/iommu _groups/1/devices/0000:07:00.4
/sys/kernel/iommu _groups/1/devices/0000:07:00.6
/sys/kernel/iommu _groups/1/devices/0000:08:00.0
/sys/kernel/iommu _groups/2/devices/0000:00:14.0
/sys/kernel/iommu _groups/2/devices/0000:00:14.3
/sys/kernel/iommu _groups/3/devices/0000:00:18.0
/sys/kernel/iommu _groups/3/devices/0000:00:18.1
/sys/kernel/iommu _groups/3/devices/0000:00:18.2
/sys/kernel/iommu _groups/3/devices/0000:00:18.3
/sys/kernel/iommu _groups/3/devices/0000:00:18.4
/sys/kernel/iommu _groups/3/devices/0000:00:18.5
/sys/kernel/iommu _groups/3/devices/0000:00:18.6
/sys/kernel/iommu _groups/3/devices/0000:00:18.7

Shifted GTX1650 GPU from PCIe Slot 1 to PCIe Slot 2

Linux Command: lspci | grep VGA

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Output:

05:00.0 VGA compatible controller: NVIDIA Corporation Device 1f82 (rev a1)
06:00.0 VGA compatible controller: Advanced Micro Devices, Inc. [AMD/ATI] Picasso (rev c9)

Linux command: for a in /sys/kernel/iommu _groups/*; do find $a -type l; done | sort –version-sort

Output:

/sys/kernel/iommu _groups/0/devices/0000:00:01.0
/sys/kernel/iommu _groups/0/devices/0000:00:01.2
/sys/kernel/iommu _groups/0/devices/0000:01:00.0
/sys/kernel/iommu _groups/0/devices/0000:01:00.1
/sys/kernel/iommu _groups/0/devices/0000:01:00.2
/sys/kernel/iommu _groups/0/devices/0000:02:00.0
/sys/kernel/iommu _groups/0/devices/0000:02:01.0
/sys/kernel/iommu _groups/0/devices/0000:02:04.0
/sys/kernel/iommu _groups/0/devices/0000:04:00.0
/sys/kernel/iommu _groups/0/devices/0000:05:00.0
/sys/kernel/iommu _groups/0/devices/0000:05:00.1
/sys/kernel/iommu _groups/1/devices/0000:00:08.0
/sys/kernel/iommu _groups/1/devices/0000:00:08.1
/sys/kernel/iommu _groups/1/devices/0000:00:08.2
/sys/kernel/iommu _groups/1/devices/0000:06:00.0
/sys/kernel/iommu _groups/1/devices/0000:06:00.1
/sys/kernel/iommu _groups/1/devices/0000:06:00.2
/sys/kernel/iommu _groups/1/devices/0000:06:00.3
/sys/kernel/iommu _groups/1/devices/0000:06:00.4
/sys/kernel/iommu _groups/1/devices/0000:06:00.6
/sys/kernel/iommu _groups/1/devices/0000:07:00.0
/sys/kernel/iommu _groups/2/devices/0000:00:14.0
/sys/kernel/iommu _groups/2/devices/0000:00:14.3
/sys/kernel/iommu _groups/3/devices/0000:00:18.0
/sys/kernel/iommu _groups/3/devices/0000:00:18.1
/sys/kernel/iommu _groups/3/devices/0000:00:18.2
/sys/kernel/iommu _groups/3/devices/0000:00:18.3
/sys/kernel/iommu _groups/3/devices/0000:00:18.4
/sys/kernel/iommu _groups/3/devices/0000:00:18.5
/sys/kernel/iommu _groups/3/devices/0000:00:18.6
/sys/kernel/iommu _groups/3/devices/0000:00:18.7

No improvement. Shift GTX1650 GPU back to PCIe slot 1.

Downgraded motherboard bios to version F42h using Q-flash.

Linux command: for a in /sys/kernel/iommu _groups/*; do find $a -type l; done | sort –version-sort

Output:

/sys/kernel/iommu _groups/0/devices/0000:00:01.0
/sys/kernel/iommu _groups/0/devices/0000:00:01.1
/sys/kernel/iommu _groups/0/devices/0000:00:01.2
/sys/kernel/iommu _groups/0/devices/0000:01:00.0

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/sys/kernel/iommu _groups/0/devices/0000:01:00.1
/sys/kernel/iommu _groups/0/devices/0000:02:00.0
/sys/kernel/iommu _groups/0/devices/0000:02:00.1
/sys/kernel/iommu _groups/0/devices/0000:02:00.2
/sys/kernel/iommu _groups/0/devices/0000:03:00.0
/sys/kernel/iommu _groups/0/devices/0000:03:01.0
/sys/kernel/iommu _groups/0/devices/0000:03:04.0
/sys/kernel/iommu _groups/0/devices/0000:05:00.0
/sys/kernel/iommu _groups/0/devices/0000:06:00.0
/sys/kernel/iommu _groups/1/devices/0000:00:08.0
/sys/kernel/iommu _groups/1/devices/0000:00:08.1
/sys/kernel/iommu _groups/1/devices/0000:00:08.2
/sys/kernel/iommu _groups/1/devices/0000:07:00.0
/sys/kernel/iommu _groups/1/devices/0000:07:00.1
/sys/kernel/iommu _groups/1/devices/0000:07:00.2
/sys/kernel/iommu _groups/1/devices/0000:07:00.3
/sys/kernel/iommu _groups/1/devices/0000:07:00.4
/sys/kernel/iommu _groups/1/devices/0000:07:00.6
/sys/kernel/iommu _groups/1/devices/0000:08:00.0
/sys/kernel/iommu _groups/2/devices/0000:00:14.0
/sys/kernel/iommu _groups/2/devices/0000:00:14.3
/sys/kernel/iommu _groups/3/devices/0000:00:18.0
/sys/kernel/iommu _groups/3/devices/0000:00:18.1
/sys/kernel/iommu _groups/3/devices/0000:00:18.2
/sys/kernel/iommu _groups/3/devices/0000:00:18.3
/sys/kernel/iommu _groups/3/devices/0000:00:18.4
/sys/kernel/iommu _groups/3/devices/0000:00:18.5
/sys/kernel/iommu _groups/3/devices/0000:00:18.6
/sys/kernel/iommu _groups/3/devices/0000:00:18.7

Downgraded motherboard BIOS to version F41 using Q-Flash.

Linux command: lspci | grep VGA

Output:

01:00.0 VGA compatible controller: NVIDIA Corporation Device 1f82 (rev a1)
07:00.0 VGA compatible controller: Advanced Micro Devices, Inc. [AMD/ATI] Picasso (rev c9)

Linux command: for a in /sys/kernel/iommu _groups/*; do find $a -type l; done | sort –version-sort

Output:

/sys/kernel/iommu _groups/0/devices/0000:00:01.0
/sys/kernel/iommu _groups/1/devices/0000:00:01.1
/sys/kernel/iommu _groups/2/devices/0000:00:01.2
/sys/kernel/iommu _groups/3/devices/0000:00:08.0
/sys/kernel/iommu _groups/4/devices/0000:00:08.1
/sys/kernel/iommu _groups/5/devices/0000:00:14.0
/sys/kernel/iommu _groups/5/devices/0000:00:14.3
/sys/kernel/iommu _groups/6/devices/0000:00:18.0
/sys/kernel/iommu _groups/6/devices/0000:00:18.1
/sys/kernel/iommu _groups/6/devices/0000:00:18.2

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/sys/kernel/iommu _groups/6/devices/0000:00:18.3
/sys/kernel/iommu _groups/6/devices/0000:00:18.4
/sys/kernel/iommu _groups/6/devices/0000:00:18.5
/sys/kernel/iommu _groups/6/devices/0000:00:18.6
/sys/kernel/iommu _groups/6/devices/0000:00:18.7
/sys/kernel/iommu _groups/7/devices/0000:01:00.0
/sys/kernel/iommu _groups/7/devices/0000:01:00.1
/sys/kernel/iommu _groups/8/devices/0000:02:00.0
/sys/kernel/iommu _groups/8/devices/0000:02:00.1
/sys/kernel/iommu _groups/8/devices/0000:02:00.2
/sys/kernel/iommu _groups/8/devices/0000:03:00.0
/sys/kernel/iommu _groups/8/devices/0000:03:01.0
/sys/kernel/iommu _groups/8/devices/0000:03:04.0
/sys/kernel/iommu _groups/8/devices/0000:05:00.0
/sys/kernel/iommu _groups/8/devices/0000:06:00.0
/sys/kernel/iommu _groups/9/devices/0000:07:00.0
/sys/kernel/iommu _groups/10/devices/0000:07:00.1
/sys/kernel/iommu _groups/10/devices/0000:07:00.2
/sys/kernel/iommu _groups/10/devices/0000:07:00.3
/sys/kernel/iommu _groups/10/devices/0000:07:00.4
/sys/kernel/iommu _groups/10/devices/0000:07:00.6

Conclusion:
Motherboard BIOS version F41 is still the best. BIOS versions F42h and F50 don’t work at all.
With BIOS version F41, the IOMMU group is 7. Within IOMMU group 7, only NVIDIA GTX1650 GPU exists.
With BIOS versions F42h and F50, the IOMMU group is 0 and there are too many devices within this group (cannot work).

Using Linux kernel 5.5.1 encountered some problem.

Linux command: sudo ./windows10vm.sh

Output:

qemu-system-x86 _64: -balloon none: warning: This option is deprecated. Use ’–device virtio-balloon’ to enable the balloon device.
qemu-system-x86 _64: -device vfio-pci,host=01:00.0,multifunction=on: vfio error: 0000:01:00.0: failed to open /dev/vfio/7: No such file or directory

Any changes in /etc/modprobe.d require you to update the initramfs. Enter at the command line:

Linux command: sudo update-initramfs -u

Linux command: sudo reboot

Linux command: sudo update-grub

Linux command: sudo reboot

Linux kernel 5.5.1 is still having some issues with loading vfio-pci kernel module.

Falling back to Linux kernel 5.3.0.

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Checked. Linux kernel 5.3.0 has no issues. Use Linux kernel 5.3.0 all the way.

However, Windows 10 virtual machine still giving me BSOD with IRQL NOT LESS OR EQUAL Stop Code.

2 Feb 2020 Sunday 5 PM Singapore Time: I am very lost. I don't know what to do next. Some experts please help.

Thank you very much.

Resumed troubleshooting at 8.17 PM Singapore Time on 2 Feb 2020 Sunday.

REFERENCE
=========

Discussion Thread: Gpu passthrough vfio blue screen

Link: https://forum.level1techs.com/t/gpu-passthrough-vfio-blue-screen/132808

According to this discussion thread, any Windows 10 version 1803 and above will result in a BSOD with IRQL NOT LESS OR EQUAL Stop Code
during installation of the Windows 10 virtual machine.

I am going to download Windows 10 version 1709 from the following download link.

Link: https://tb.rg-adguard.net/public.php

Please remember to boot up Ubuntu 18.04.3 LTS Desktop Edition host using Linux Kernel 5.3.0 and not Linux Kernel 5.5.1, which doesn't work at all.

Start Windows 10 version 1709 virtual machine with GPU Passthrough

Linux command: sudo ./windows10vm.sh

Windows 10 version 1709 virtual machine completed installation successfully.

During the installation of Windows 10 version 1709 virtual machine, it would not be able to find any virtual harddisk.
Simply install the virtio driver and Windows 10 version 1709 virtual machine will be able to detect the virtual harddisk of 250 GB.

Windows 10 version 1709 virtual machine completed installation successfully.

My Windows 10 version 1709 virtual machine already has an internet connection. So I will not be configuring bridged networking at the moment.

Device Manager > Display adapters > NVIDIA GeForce GTX 1650

NVIDIA GeForce GTX 1650: This device is working properly.

Congratulations to myself! Teo En Ming has successfully passed through MSI GeForce GTX 1650 4 GB GDDR5 GPU to Windows 10 version 1709 virtual machine
using Linux KVM on Ubuntu 18.04.3 LTS Desktop Edition host with a 5.3.0 Linux Kernel.

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I am going to do photo editing and 4K UHD video rendering in this Windows 10 1709 virtual machine with GPU Passthrough.

Confirmed Working Script to Start Windows 10 Virtual Machine with GPU Passthrough
========== -
==========

```
#!/bin/bash

vmname="windows10vm"

if ps -ef | grep qemu-system-x86 _64 | grep -q multifunction=on; then
echo "A passthrough VM is already running." &
exit 1

else

# use pulseaudio
export QEMU _AUDIO _DRV=pa
export QEMU _PA _SAMPLES=8192
export QEMU _AUDIO _TIMER _PERIOD=99
export QEMU _PA _SERVER=/run/user/1000/pulse/native

cp /usr/share/OVMF/OVMF _VARS.fd /tmp/my _vars.fd

qemu-system-x86 _64 \
-name $vmname,process= $vmname \
-machine type=pc,accel=kvm \
-cpu host,kvm=off \
-smp 3,sockets=1,cores=3,threads=1 \
-m 4G \
-balloon none \
-rtc clock=host,base=localtime \
-serial none \
-parallel none \
-soundhw hda \
-usb \
-device usb-host,vendorid=0x0603,productid=0x00f2 \
-device usb-host,vendorid=0x056e,productid=0x0107 \
-device vfio-pci,host=01:00.0,multifunction=on \
-device vfio-pci,host=01:00.1 \
-drive if=pflash,format=raw,readonly,file=/usr/share/OVMF/OVMF _CODE.fd \
-drive if=pflash,format=raw,file=/tmp/my _vars.fd \
-boot order=dc \
-drive id=disk0,if=virtio,cache=none,format=raw,file=/home/teo-en-ming/win10.img \
-drive file=/home/teo-en-ming/win10-1709.iso,index=1,media=cdrom \
-drive file=/home/teo-en-ming/Downloads/virtio-win-0.1.173.iso,index=2,media=cdrom
 #-netdev type=tap,id=net0,ifname=vmtap0,vhost=on \
 #-device virtio-net-pci,netdev=net0,mac=00:16:3e:00:01:01
 #-vga none \
 #-nographic \
```


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exit 0
fi

—END OF TURRITOPSIS DOHRNII TEO EN MING'S GUIDE—

REFERENCES:

[9] [1]https://lists.samba.org/archive/samba/2020-February/228074.htm l

1. https://lists.samba.org/archive/samba/2020-February/228074.html

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Win 10 VM with GPU Passthrough keeps BSOD with IRQL NOT LESS OR EQUAL Stop Code

(2020-02-03 07:11) - Turritopsis Dohrnii Teo En Ming

Win 10 VM with GPU Passthrough keeps BSOD with IRQL NOT LESS OR EQUAL Stop Code

Linux Mint forums: [1]https://forums.linuxmint.com/viewtopic.php?f=231 &t=311226

Pierre, Moderator @ Linux Mint: " Hi teo,

that is an seriously complex task, that you've undertaken.

however, it would also be above the Technical Level .. of almost everyone else.

[1] there doesn't appear to be that much information, available that could state that.

[2] you probably should update the PCs BIOS .. it is risky, as you say .. but it's not impossible. either.

[3] you will need to await, for an more experienced forum.member, to assist you, on this task."

1. `https://forums.linuxmint.com/viewtopic.php?f=231&t=311226`

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Teo En Ming's Guide to GPU/VGA Passthrough of NVidia GeForce GTX1650 to Windows 10 Virtual Machine using Linux KVM on Ubuntu 18.04.3 LTS Desktop Edition (2020-02-02 22:24) - Turritopsis Dohrnii Teo En Ming

Primary Subject: Teo En Ming's Guide to GPU/VGA Passthrough of NVidia GeForce GTX1650 to Windows 10 Virtual Machine using Linux KVM on Ubuntu 18.04.3 LTS Desktop Edition

Secondary Subject: Mr. Turritopsis Dohrnii Teo En Ming's Linux KVM GPU Passthrough Project, Started 1st Feb 2020 Saturday late night before midnight and completed
on 2nd Feb 2020 Sunday at 9:21 PM Singapore Time

PUBLISHED 2ND FEB 2020 SUNDAY AT 9:30 PM SINGAPORE TIME (VERSION 1.0)

REFERENCE
=========

Heiko Sieger's blog: Running Windows 10 on Linux using KVM with VGA Passthrough

Link: https://heiko-sieger.info/running-windows-10-on-linux-using-kvm-with-vga-passth rough/

========== -
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I am following Heiko Sieger's guide because I think it is very well written and very well explained. Good job!

I need to come up with this guide for myself because the home desktop computer which I have is specific and unique to me.

Turritopsis Dohrnii Teo En Ming's home desktop computer technical specifications:

[1] Processor: AMD Ryzen 3 3200G with Radeon Vega 8 Graphics, 4 Cores, 4 Threads, 4.0 GHz Max Boost, 3.6 GHz Base
[2] Motherboard: Gigabyte B450M DS3H rev 1.0 Socket AM4 (BIOS Version: F41, BIOS Date: 07/22/2019, BIOS ID: 8A16BG05)
[3] Memory: 8 GB Transcend DDR4-2666
[4] Integrated Graphics Device (IGD): AMD Radeon Vega 8 Graphics (for Linux host)
[5] Discrete GPU on PCIe Slot 1: MSI GeForce GTX1650 Ventus XS OC Edition 4 GB GDDR5 (for Windows 10 version 1709 virtual machine)
[6] Solid State Disk (SSD): 256 GB Transcend SSD (bare-metal Windows 10 version 1909 installation)
[7] Harddisk (HDD): Seagate Barracude 1 TB 3.5" Internal SATA (for installing Ubuntu 18.04.3 LTS Desktop Edition host)

DETAILED INSTRUCTIONS
==========

Download ubuntu-18.04.3-desktop-amd64.iso from ubuntu.com (official website) and burn it to a USB thumb drive using Universal USB Installer 1.9.9.0
from Pendrivelinux.com

Reboot computer.

Press DELETE to go into BIOS Setup.

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Use the CLASSIC BIOS Interface.

Peripherals > Initial Display Output: IGD Video (Onboard Graphics)

M.I.T. > Advanced Frequency Settings > Advanced CPU Settings > SVM Mode: Enabled

BIOS > Storage Boot Option Control: UEFI Only

BIOS > Other PCI Device ROM Priority: UEFI Only

Save BIOS settings and Exit.

Press F12 to go into Boot Menu.

Select the USB thumb drive containing Ubuntu 18.04.3 LTS (UEFI).

Select "Try Ubuntu without installing".

Double click "Install Ubuntu 18.04.3 LTS".

Welcome: English

Keyboard layout: English (US)

Select "Normal installation".

Uncheck "Download updates while installing Ubuntu".

Uncheck "Install third-party software for graphics and Wi-Fi hardware and additional media formats".

Select "Erase disk and install Ubuntu".

Uncheck "Encrypt the new Ubuntu installation for security".

Uncheck "Use LVM with the new Ubuntu installation".

Select drive: SCSI1 (0,0,0) (sda) - 1.0 TB ATA ST1000DM010-2EP1 (Seagate Barracuda).

Click Install Now.

Write the changes to disks? Continue.

Where are you? Singapore.

Your name: Turritopsis Dohrnii Teo En Ming

Your computer’s name: ubuntu18043

Pick a username: teo-en-ming

Installation Complete: Click Restart Now.

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Press F12 to go into Boot Menu.

Select ubuntu (Seagate 1 TB HDD).

Linux command: sudo nano /etc/default/grub

Contents of file:

```
# If you change this file, run 'update-grub' afterwards to update
# /boot/grub/grub.cfg.
# For full documentation of the options in this file, see:
# info -f grub -n 'Simple configuration'

GRUB _DEFAULT=0
GRUB _TIMEOUT _STYLE=hidden
GRUB _TIMEOUT=10
GRUB _DISTRIBUTOR=`lsb _release -i -s 2> /dev/null || echo Debian`
GRUB _CMDLINE _LINUX _DEFAULT="quiet splash amd _iommu=on"
GRUB _CMDLINE _LINUX=""

# Uncomment to enable BadRAM filtering, modify to suit your needs
# This works with Linux (no patch required) and with any kernel that obtains
# the memory map information from GRUB (GNU Mach, kernel of FreeBSD ...)
#GRUB _BADRAM="0x01234567,0xfefefefe,0x89abcdef,0xefefefef"

# Uncomment to disable graphical terminal (grub-pc only)
#GRUB _TERMINAL=console

# The resolution used on graphical terminal
# note that you can use only modes which your graphic card supports via VBE
# you can see them in real GRUB with the command `vbeinfo'
#GRUB _GFXMODE=640x480

# Uncomment if you don't want GRUB to pass "root=UUID=xxx" parameter to Linux
#GRUB _DISABLE _LINUX _UUID=true

# Uncomment to disable generation of recovery mode menu entries
#GRUB _DISABLE _RECOVERY="true"

# Uncomment to get a beep at grub start
#GRUB _INIT _TUNE="480 440 1"
```

Linux command: sudo update-grub

Output:

```
Sourcing file `/etc/default/grub'
Generating grub configuration file ...
Found linux image: /boot/vmlinuz-5.3.0-28-generic
Found initrd image: /boot/initrd.img-5.3.0-28-generic
Found linux image: /boot/vmlinuz-5.0.0-23-generic
Found initrd image: /boot/initrd.img-5.0.0-23-generic
Found Windows Boot Manager on /dev/sdc2@/efi/Microsoft/Boot/bootmgfw.e fi
```

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Adding boot menu entry for EFI firmware configuration
done

Reboot the computer.

Linux command: sudo reboot

Linux command: dmesg | grep AMD-Vi

Output:

[0.572129] pci 0000:00:00.2: AMD-Vi: Unable to write to IOMMU perf counter.
[0.576192] pci 0000:00:00.2: AMD-Vi: Found IOMMU cap 0x40
[0.576193] pci 0000:00:00.2: AMD-Vi: Extended features (0x4f77ef22294ada):
[0.576195] AMD-Vi: Interrupt remapping enabled
[0.576195] AMD-Vi: Virtual APIC enabled
[0.576368] AMD-Vi: Lazy IO/TLB flushing enabled
[10.432967] AMD-Vi: AMD IOMMUv2 driver by Joerg Roedel <jroedel@suse.de>

Linux command: cat /proc/cpuinfo | grep svm

Output:

flags

: fpu vme de pse tsc msr pae mce cx8 apic sep mtrr pge mca cmov pat pse36 clflush mmx fxsr sse sse2 ht syscall nx mmxext fxsr _opt pdpe1gb rdtscp lm constant _tsc rep _good nopl nonstop _tsc cpuid extd _apicid aperfmperf pni pclmulqdq monitor ssse3 fma cx16 sse4 _1 sse4 _2 movbe popcnt aes xsave avx f16c rdrand lahf _lm cmp _legacy svm extapic cr8 _legacy abm sse4a misalignsse 3dnowprefetch osvw skinit wdt tce topoext perfctr _core perfctr _nb bpext perfctr _llc mwaitx cpb hw _pstate sme ssbd sev ibpb vmmcall fsgsbase bmi1 avx2 smep bmi2 rdseed adx smap clflushopt sha _ni xsaveopt xsavec xgetbv1 xsaves clzero irperf xsaveerptr arat npt lbrv svm _lock nrip _save tsc _scale vmcb _clean flushbyasid decodeassists pausefilter pfthreshold avic v _vmsave _vmload vgif overflow _recov succor smca
flags

: fpu vme de pse tsc msr pae mce cx8 apic sep mtrr pge mca cmov pat pse36 clflush mmx fxsr sse sse2 ht syscall nx mmxext fxsr _opt pdpe1gb rdtscp lm constant _tsc rep _good nopl nonstop _tsc cpuid extd _apicid aperfmperf pni pclmulqdq monitor ssse3 fma cx16 sse4 _1 sse4 _2 movbe popcnt aes xsave avx f16c rdrand lahf _lm cmp _legacy svm extapic cr8 _legacy abm sse4a misalignsse 3dnowprefetch osvw skinit wdt tce topoext perfctr _core perfctr _nb bpext perfctr _llc mwaitx cpb hw _pstate sme ssbd sev ibpb vmmcall fsgsbase bmi1 avx2 smep bmi2 rdseed adx smap clflushopt sha _ni xsaveopt xsavec xgetbv1 xsaves clzero irperf xsaveerptr arat npt lbrv svm _lock nrip _save tsc _scale vmcb _clean flushbyasid decodeassists pausefilter pfthreshold avic v _vmsave _vmload vgif overflow _recov succor smca
flags

: fpu vme de pse tsc msr pae mce cx8 apic sep mtrr pge mca cmov pat pse36 clflush mmx fxsr sse sse2 ht syscall nx mmxext fxsr _opt pdpe1gb rdtscp lm constant _tsc rep _good nopl nonstop _tsc cpuid extd _apicid aperfmperf pni pclmulqdq monitor ssse3 fma cx16 sse4 _1 sse4 _2 movbe popcnt aes xsave avx f16c rdrand lahf _lm cmp _legacy svm extapic cr8 _legacy abm sse4a misalignsse 3dnowprefetch osvw skinit wdt tce topoext perfctr _core perfctr _nb bpext perfctr _llc mwaitx cpb hw _pstate sme ssbd sev ibpb vmmcall fsgsbase bmi1 avx2 smep bmi2 rdseed adx smap clflushopt sha _ni xsaveopt xsavec xgetbv1 xsaves clzero irperf xsaveerptr arat npt lbrv svm _lock nrip _save tsc _scale vmcb _clean flushbyasid decodeassists pausefilter pfthreshold avic v _vmsave _vmload vgif overflow _recov succor smca

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flags

: fpu vme de pse tsc msr pae mce cx8 apic sep mtrr pge mca cmov pat pse36 clflush mmx fxsr sse sse2 ht syscall nx mmxext fxsr _opt pdpe1gb rdtscp lm constant _tsc rep _good nopl nonstop _tsc cpuid extd _apicid aperfmperf pni pclmulqdq monitor ssse3 fma cx16 sse4 _1 sse4 _2 movbe popcnt aes xsave avx f16c rdrand lahf _lm cmp _legacy svm extapic cr8 _legacy abm sse4a misalignsse 3dnowprefetch osvw skinit wdt tce topoext perfctr _core perfctr _nb bpext perfctr _llc mwaitx cpb hw _pstate sme ssbd sev ibpb vmmcall fsgsbase bmi1 avx2 smep bmi2 rdseed adx smap clflushopt sha _ni xsaveopt xsavec xgetbv1 xsaves clzero irperf xsaveerptr arat npt lbrv svm _lock nrip _save tsc _scale vmcb _clean flushbyasid decodeassists pausefilter pfthreshold avic v _vmsave _vmload vgif overflow _recov succor smca

Linux command: sudo apt install qemu-kvm qemu-utils seabios ovmf hugepages cpu-checker

Linux command: lspci | grep VGA

Output:

01:00.0 VGA compatible controller: NVIDIA Corporation Device 1f82 (rev a1)
07:00.0 VGA compatible controller: Advanced Micro Devices, Inc. [AMD/ATI] Picasso (rev c9)

Linux command: lspci -nn | grep 01:00.

Output:

01:00.0 VGA compatible controller [0300]: NVIDIA Corporation Device [10de:1f82] (rev a1)
01:00.1 Audio device [0403]: NVIDIA Corporation Device [10de:10fa] (rev a1)

Bus numbers of NVidia GeForce GTX1650 GPU:

01:00.0
01:00.1

PCI IDs of NVidia GeForce GTX1650 GPU:

10de:1f82
10de:10fa

Linux command: for a in /sys/kernel/iommu _groups/*; do find $a -type l; done | sort –version-sort

Output:

/sys/kernel/iommu _groups/7/devices/0000:01:00.0
/sys/kernel/iommu _groups/7/devices/0000:01:00.1

IOMMU Group: 7

Linux command: lsusb

Output:

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Bus 001 Device 005: ID 0603:00f2 Novatek Microelectronics Corp. Keyboard (Labtec Ultra Flat Keyboard)
Bus 001 Device 004: ID 056e:0107 Elecom Co., Ltd (wireless optical mouse)

Linux command: cat /sys/bus/pci/devices/0000:01:00.0/modalias

Output:

pci:v000010DEd00001F82sv00001462sd00008D92bc03sc00i00

Linux command: cat /sys/bus/pci/devices/0000:01:00.1/modalias

Output:

pci:v000010DEd000010FAsv00001462sd00008D92bc04sc03i00

Linux command: sudo nano /etc/modprobe.d/local.conf

Contents of file:

alias pci:v000010DEd00001F82sv00001462sd00008D92bc03sc00i00 vfio-pci
alias pci:v000010DEd000010FAsv00001462sd00008D92bc04sc03i00 vfio-pci
options vfio-pci ids=10de:1f82,10de:10fa
options vfio-pci disable _vga=1

Linux command: sudo nano /etc/modprobe.d/kvm.conf

Contents of file:

options kvm ignore _msrs=1

Linux command: sudo nano /etc/initramfs-tools/modules

Contents of file:

vfio
vfio _iommu _type1
vfio _pci
vfio _virqfd
vhost-net

Linux command: sudo update-initramfs -u

Output:

update-initramfs: Generating /boot/initrd.img-5.3.0-28-generic

I will configure bridge networking much later, after GPU Passthrough is successful. GPU Passthrough is top priority. I must get it to work first.

REFERENCE
=========

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Link: https://heiko-sieger.info/define-a-network-bridge-using-ubuntus-linux-mints-net work-manager-application/

Download the latest VFIO drivers from https://fedorapeople.org/groups/virt/vir tio-win/direct-downloads/latest-virtio/virtio-win.iso

Linux command: fallocate -l 250G /home/teo-en-ming/win10.img

Linux command: kvm-ok

Output:

INFO: /dev/kvm exists
KVM acceleration can be used

Linux command: lsmod | grep kvm

Output:

kvm _amd 94208 0
ccp 86016 1 kvm _amd
kvm 651264 1 kvm _amd
irqbypass 16384 1 kvm

Reboot the computer.

Linux command: sudo reboot

Linux command: lsmod | grep kvm

Output:

kvm _amd 94208 0
ccp 86016 1 kvm _amd
kvm 651264 1 kvm _amd
irqbypass 16384 2 vfio _pci,kvm

Linux command: lsmod | grep vfio

Output:

vfio _pci 49152 0
irqbypass 16384 2 vfio _pci,kvm
vfio _virqfd 16384 1 vfio _pci
vfio _iommu _type1 28672 0
vfio 32768 2 vfio _iommu _type1,vfio _pci

Linux command: qemu-system-x86 _64 –version

Output:

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QEMU emulator version 2.11.1(Debian 1:2.11+dfsg-1ubuntu7.21)
Copyright (c) 2003-2017 Fabrice Bellard and the QEMU Project developers

Linux command: lspci -kn | grep -A 2 01:00

Output:

01:00.0 0300: 10de:1f82 (rev a1)

Subsystem: 1462:8d92

Kernel driver in use: vfio-pci
_
01:00.1 0403: 10de:10fa (rev a1)

Subsystem: 1462:8d92

Kernel driver in use: vfio-pci

Kernel driver in use is vfio-pci. It worked!

Linux command: dmesg | grep VFIO

Output:

[2.808675] VFIO - User Level meta-driver version: 0.3

Create Script to Start Windows 10 Virtual Machine with GPU Passthrough
==========

Linux command: sudo nano windows10vm.sh

Contents of file:

#!/bin/bash

vmname="windows10vm"

if ps -ef | grep qemu-system-x86 _64 | grep -q multifunction=on; then
echo "A passthrough VM is already running." &
exit 1

else

use pulseaudio
export QEMU _AUDIO _DRV=pa
export QEMU _PA _SAMPLES=8192
export QEMU _AUDIO _TIMER _PERIOD=99
export QEMU _PA _SERVER=/run/user/1000/pulse/native

cp /usr/share/OVMF/OVMF _VARS.fd /tmp/my _vars.fd

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```
qemu-system-x86 _64 \
-name $vmname,process= $vmname \
-machine type=pc,accel=kvm \
-cpu host,kvm=off \
-smp 3,sockets=1,cores=3,threads=1 \
-m 4G \
-balloon none \
-rtc clock=host,base=localtime \
-serial none \
-parallel none \
-soundhw hda \
-usb \
-device usb-host,vendorid=0x0603,productid=0x00f2 \
-device usb-host,vendorid=0x056e,productid=0x0107 \
-device vfio-pci,host=01:00.0,multifunction=on \
-device vfio-pci,host=01:00.1 \
-drive if=pflash,format=raw,readonly,file=/usr/share/OVMF/OVMF _CODE.fd \
-drive if=pflash,format=raw,file=/tmp/my _vars.fd \
-boot order=dc \
-drive id=disk0,if=virtio,cache=none,format=raw,file=/home/teo-en-ming/win10.img \
-drive file=/home/teo-en-ming/win10-1709.iso,index=1,media=cdrom \
-drive file=/home/teo-en-ming/Downloads/virtio-win-0.1.173.iso,index=2,media=cdrom
 #-netdev type=tap,id=net0,ifname=vmtap0,vhost=on \
 #-device virtio-net-pci,netdev=net0,mac=00:16:3e:00:01:01
 #-vga none \
 #-nographic \

exit 0
fi
```

Linux command: sudo chmod +x windows10vm.sh

Linux command: sudo ./windows10vm.sh

Temporarily paused doing work at 2:41 AM in the morning on 2nd Feb 2020 Sunday.

Instructions for AMD Ryzen platforms
==========

Link: https://forums.linuxmint.com/viewtopic.php?f=231 &t=212692 &p=1340482 #p1340482

Linux command: sudo add-apt-repository ppa:jacob/virtualisation

Uninstall qemu 2.11.1.

Linux command: sudo apt-get remove qemu-kvm qemu-utils

Install qemu 2.12

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Linux command: sudo apt install qemu-kvm qemu-utils

ERROR: Windows 10 virtual machine keeps showing BSOD with IRQL NOT LESS OR EQUAL Stop Code.
By the way, I am able to see the Tiano Core screen.
No matter what variables I play with in the shell script to start Windows 10 VM,
I always get BSOD IRQL NOT LESS OR EQUAL Stop Code. I am running out of options already.
Please give me suggestions.

Questions
=========

[1] Is MSI GeForce GTX1650 4 GB GDDR5 GPU not supported by Linux KVM for GPU Passthrough?

[2] Do I need to upgrade the BIOS of my Gigabyte B450M DS3H Socket AM4 motherboard? I fear bricking my motherboard. It is a risky operation.

[3] Are there any other workarounds that I have to do for AMD Ryzen 3000 series platform, in order to get GPU Passthrough to work?

I am looking forward to your replies.

Thank you very much!

Stopped troubleshooting at 5.19 AM Singapore Time on 2 Feb 2020 Sunday and went to sleep.

Resumed troubleshooting at around 12 noon Singapore Time on 2 Feb 2020 Sunday.

Upgraded motherboard BIOS to version F50 using Q-Flash.

Linux command: sudo ./windows10vm.sh

Output:

qemu-system-x86 _64: -balloon none: warning: This option is deprecated. Use '–device virtio-balloon' to enable the balloon device.
qemu-system-x86 _64: -device vfio-pci,host=01:00.0,multifunction=on: vfio error: 0000:01:00.0: group 0 is not viable
Please ensure all devices within the iommu _group are bound to their vfio bus driver.

Linux command: for a in /sys/kernel/iommu _groups/*; do find $a -type l; done | sort –version-sort

Output:

/sys/kernel/iommu _groups/0/devices/0000:00:01.0
/sys/kernel/iommu _groups/0/devices/0000:00:01.1
/sys/kernel/iommu _groups/0/devices/0000:00:01.2
/sys/kernel/iommu _groups/0/devices/0000:01:00.0
/sys/kernel/iommu _groups/0/devices/0000:01:00.1
/sys/kernel/iommu _groups/0/devices/0000:02:00.0
/sys/kernel/iommu _groups/0/devices/0000:02:00.1
/sys/kernel/iommu _groups/0/devices/0000:02:00.2
/sys/kernel/iommu _groups/0/devices/0000:03:00.0

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/sys/kernel/iommu _groups/0/devices/0000:03:01.0
/sys/kernel/iommu _groups/0/devices/0000:03:04.0
/sys/kernel/iommu _groups/0/devices/0000:05:00.0
/sys/kernel/iommu _groups/0/devices/0000:06:00.0
/sys/kernel/iommu _groups/1/devices/0000:00:08.0
/sys/kernel/iommu _groups/1/devices/0000:00:08.1
/sys/kernel/iommu _groups/1/devices/0000:00:08.2
/sys/kernel/iommu _groups/1/devices/0000:07:00.0
/sys/kernel/iommu _groups/1/devices/0000:07:00.1
/sys/kernel/iommu _groups/1/devices/0000:07:00.2
/sys/kernel/iommu _groups/1/devices/0000:07:00.3
/sys/kernel/iommu _groups/1/devices/0000:07:00.4
/sys/kernel/iommu _groups/1/devices/0000:07:00.6
/sys/kernel/iommu _groups/1/devices/0000:08:00.0
/sys/kernel/iommu _groups/2/devices/0000:00:14.0
/sys/kernel/iommu _groups/2/devices/0000:00:14.3
/sys/kernel/iommu _groups/3/devices/0000:00:18.0
/sys/kernel/iommu _groups/3/devices/0000:00:18.1
/sys/kernel/iommu _groups/3/devices/0000:00:18.2
/sys/kernel/iommu _groups/3/devices/0000:00:18.3
/sys/kernel/iommu _groups/3/devices/0000:00:18.4
/sys/kernel/iommu _groups/3/devices/0000:00:18.5
/sys/kernel/iommu _groups/3/devices/0000:00:18.6
/sys/kernel/iommu _groups/3/devices/0000:00:18.7

Linux command: sudo apt install inxi

Linux command: inxi -S

Output:

System: Host: ubuntu18043 Kernel: 5.3.0-28-generic x86 _64 bits: 64 Desktop: Gnome 3.28.4
Distro: Ubuntu 18.04.3 LTS

REFERENCE
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Link: https://phoenixnap.com/kb/how-to-update-kernel-ubuntu

Linux command: sudo apt-add-repository ppa:teejee2008/ppa

Linux command: sudo apt-get update

Linux command: sudo apt-get install ukuu

Linux command: sudo ukuu-gtk

Ukuu: Ubuntu Kernel Update Utility

Installed Linux kernel 5.5.1 using Ukuu.

Linux command: uname -a

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Output:

Linux ubuntu18043 5.5.1-050501-generic #202002011032 SMP Sat Feb 1 10:34:22 UTC 2020 x86 _64 x86 _64 x86 _64 GNU/Linux

Linux command: for a in /sys/kernel/iommu _groups/*; do find $a -type l; done | sort –version-sort

/sys/kernel/iommu _groups/0/devices/0000:00:01.0
/sys/kernel/iommu _groups/0/devices/0000:00:01.1
/sys/kernel/iommu _groups/0/devices/0000:00:01.2
/sys/kernel/iommu _groups/0/devices/0000:01:00.0
/sys/kernel/iommu _groups/0/devices/0000:01:00.1
/sys/kernel/iommu _groups/0/devices/0000:02:00.0
/sys/kernel/iommu _groups/0/devices/0000:02:00.1
/sys/kernel/iommu _groups/0/devices/0000:02:00.2
/sys/kernel/iommu _groups/0/devices/0000:03:00.0
/sys/kernel/iommu _groups/0/devices/0000:03:01.0
/sys/kernel/iommu _groups/0/devices/0000:03:04.0
/sys/kernel/iommu _groups/0/devices/0000:05:00.0
/sys/kernel/iommu _groups/0/devices/0000:06:00.0
/sys/kernel/iommu _groups/1/devices/0000:00:08.0
/sys/kernel/iommu _groups/1/devices/0000:00:08.1
/sys/kernel/iommu _groups/1/devices/0000:00:08.2
/sys/kernel/iommu _groups/1/devices/0000:07:00.0
/sys/kernel/iommu _groups/1/devices/0000:07:00.1
/sys/kernel/iommu _groups/1/devices/0000:07:00.2
/sys/kernel/iommu _groups/1/devices/0000:07:00.3
/sys/kernel/iommu _groups/1/devices/0000:07:00.4
/sys/kernel/iommu _groups/1/devices/0000:07:00.6
/sys/kernel/iommu _groups/1/devices/0000:08:00.0
/sys/kernel/iommu _groups/2/devices/0000:00:14.0
/sys/kernel/iommu _groups/2/devices/0000:00:14.3
/sys/kernel/iommu _groups/3/devices/0000:00:18.0
/sys/kernel/iommu _groups/3/devices/0000:00:18.1
/sys/kernel/iommu _groups/3/devices/0000:00:18.2
/sys/kernel/iommu _groups/3/devices/0000:00:18.3
/sys/kernel/iommu _groups/3/devices/0000:00:18.4
/sys/kernel/iommu _groups/3/devices/0000:00:18.5
/sys/kernel/iommu _groups/3/devices/0000:00:18.6
/sys/kernel/iommu _groups/3/devices/0000:00:18.7

REFERENCE
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https://queuecumber.gitlab.io/linux-acs-override/

Linux command: cd Downloads

Linux command: unzip artifacts.zip

Linux command: sudo dpkg -i linux-headers-5.4.10-acso _5.4.10-acso-1 _amd64.deb

Linux command: sudo dpkg -i linux-image-5.4.10-acso _5.4.10-acso-1 _amd64.deb

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Linux command: sudo dpkg -i linux-libc-dev _5.4.10-acso-1 _amd64.deb

Linux command: sudo reboot

Linux command: uname -a

Output:

Linux ubuntu18043 5.4.10-acso #1 SMP Thu Jan 9 10:30:12 UTC 2020 x86 _64 x86 _64 x86 _64 GNU/Linux

Linux command: for a in /sys/kernel/iommu _groups/*; do find $a -type l; done | sort –version-sort

Output:

/sys/kernel/iommu _groups/0/devices/0000:00:01.0
/sys/kernel/iommu _groups/0/devices/0000:00:01.1
/sys/kernel/iommu _groups/0/devices/0000:00:01.2
/sys/kernel/iommu _groups/0/devices/0000:01:00.0
/sys/kernel/iommu _groups/0/devices/0000:01:00.1
/sys/kernel/iommu _groups/0/devices/0000:02:00.0
/sys/kernel/iommu _groups/0/devices/0000:02:00.1
/sys/kernel/iommu _groups/0/devices/0000:02:00.2
/sys/kernel/iommu _groups/0/devices/0000:03:00.0
/sys/kernel/iommu _groups/0/devices/0000:03:01.0
/sys/kernel/iommu _groups/0/devices/0000:03:04.0
/sys/kernel/iommu _groups/0/devices/0000:05:00.0
/sys/kernel/iommu _groups/0/devices/0000:06:00.0
/sys/kernel/iommu _groups/1/devices/0000:00:08.0
/sys/kernel/iommu _groups/1/devices/0000:00:08.1
/sys/kernel/iommu _groups/1/devices/0000:00:08.2
/sys/kernel/iommu _groups/1/devices/0000:07:00.0
/sys/kernel/iommu _groups/1/devices/0000:07:00.1
/sys/kernel/iommu _groups/1/devices/0000:07:00.2
/sys/kernel/iommu _groups/1/devices/0000:07:00.3
/sys/kernel/iommu _groups/1/devices/0000:07:00.4
/sys/kernel/iommu _groups/1/devices/0000:07:00.6
/sys/kernel/iommu _groups/1/devices/0000:08:00.0
/sys/kernel/iommu _groups/2/devices/0000:00:14.0
/sys/kernel/iommu _groups/2/devices/0000:00:14.3
/sys/kernel/iommu _groups/3/devices/0000:00:18.0
/sys/kernel/iommu _groups/3/devices/0000:00:18.1
/sys/kernel/iommu _groups/3/devices/0000:00:18.2
/sys/kernel/iommu _groups/3/devices/0000:00:18.3
/sys/kernel/iommu _groups/3/devices/0000:00:18.4
/sys/kernel/iommu _groups/3/devices/0000:00:18.5
/sys/kernel/iommu _groups/3/devices/0000:00:18.6
/sys/kernel/iommu _groups/3/devices/0000:00:18.7

Shifted GTX1650 GPU from PCIe Slot 1 to PCIe Slot 2

Linux Command: lspci | grep VGA

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Output:

05:00.0 VGA compatible controller: NVIDIA Corporation Device 1f82 (rev a1)
06:00.0 VGA compatible controller: Advanced Micro Devices, Inc. [AMD/ATI] Picasso (rev c9)

Linux command: for a in /sys/kernel/iommu _groups/*; do find $a -type l; done | sort –version-sort

Output:

/sys/kernel/iommu _groups/0/devices/0000:00:01.0
/sys/kernel/iommu _groups/0/devices/0000:00:01.2
/sys/kernel/iommu _groups/0/devices/0000:01:00.0
/sys/kernel/iommu _groups/0/devices/0000:01:00.1
/sys/kernel/iommu _groups/0/devices/0000:01:00.2
/sys/kernel/iommu _groups/0/devices/0000:02:00.0
/sys/kernel/iommu _groups/0/devices/0000:02:01.0
/sys/kernel/iommu _groups/0/devices/0000:02:04.0
/sys/kernel/iommu _groups/0/devices/0000:04:00.0
/sys/kernel/iommu _groups/0/devices/0000:05:00.0
/sys/kernel/iommu _groups/0/devices/0000:05:00.1
/sys/kernel/iommu _groups/1/devices/0000:00:08.0
/sys/kernel/iommu _groups/1/devices/0000:00:08.1
/sys/kernel/iommu _groups/1/devices/0000:00:08.2
/sys/kernel/iommu _groups/1/devices/0000:06:00.0
/sys/kernel/iommu _groups/1/devices/0000:06:00.1
/sys/kernel/iommu _groups/1/devices/0000:06:00.2
/sys/kernel/iommu _groups/1/devices/0000:06:00.3
/sys/kernel/iommu _groups/1/devices/0000:06:00.4
/sys/kernel/iommu _groups/1/devices/0000:06:00.6
/sys/kernel/iommu _groups/1/devices/0000:07:00.0
/sys/kernel/iommu _groups/2/devices/0000:00:14.0
/sys/kernel/iommu _groups/2/devices/0000:00:14.3
/sys/kernel/iommu _groups/3/devices/0000:00:18.0
/sys/kernel/iommu _groups/3/devices/0000:00:18.1
/sys/kernel/iommu _groups/3/devices/0000:00:18.2
/sys/kernel/iommu _groups/3/devices/0000:00:18.3
/sys/kernel/iommu _groups/3/devices/0000:00:18.4
/sys/kernel/iommu _groups/3/devices/0000:00:18.5
/sys/kernel/iommu _groups/3/devices/0000:00:18.6
/sys/kernel/iommu _groups/3/devices/0000:00:18.7

No improvement. Shift GTX1650 GPU back to PCIe slot 1.

Downgraded motherboard bios to version F42h using Q-flash.

Linux command: for a in /sys/kernel/iommu _groups/*; do find $a -type l; done | sort –version-sort

Output:

/sys/kernel/iommu _groups/0/devices/0000:00:01.0
/sys/kernel/iommu _groups/0/devices/0000:00:01.1
/sys/kernel/iommu _groups/0/devices/0000:00:01.2
/sys/kernel/iommu _groups/0/devices/0000:01:00.0

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/sys/kernel/iommu _groups/0/devices/0000:01:00.1
/sys/kernel/iommu _groups/0/devices/0000:02:00.0
/sys/kernel/iommu _groups/0/devices/0000:02:00.1
/sys/kernel/iommu _groups/0/devices/0000:02:00.2
/sys/kernel/iommu _groups/0/devices/0000:03:00.0
/sys/kernel/iommu _groups/0/devices/0000:03:01.0
/sys/kernel/iommu _groups/0/devices/0000:03:04.0
/sys/kernel/iommu _groups/0/devices/0000:05:00.0
/sys/kernel/iommu _groups/0/devices/0000:06:00.0
/sys/kernel/iommu _groups/1/devices/0000:00:08.0
/sys/kernel/iommu _groups/1/devices/0000:00:08.1
/sys/kernel/iommu _groups/1/devices/0000:00:08.2
/sys/kernel/iommu _groups/1/devices/0000:07:00.0
/sys/kernel/iommu _groups/1/devices/0000:07:00.1
/sys/kernel/iommu _groups/1/devices/0000:07:00.2
/sys/kernel/iommu _groups/1/devices/0000:07:00.3
/sys/kernel/iommu _groups/1/devices/0000:07:00.4
/sys/kernel/iommu _groups/1/devices/0000:07:00.6
/sys/kernel/iommu _groups/1/devices/0000:08:00.0
/sys/kernel/iommu _groups/2/devices/0000:00:14.0
/sys/kernel/iommu _groups/2/devices/0000:00:14.3
/sys/kernel/iommu _groups/3/devices/0000:00:18.0
/sys/kernel/iommu _groups/3/devices/0000:00:18.1
/sys/kernel/iommu _groups/3/devices/0000:00:18.2
/sys/kernel/iommu _groups/3/devices/0000:00:18.3
/sys/kernel/iommu _groups/3/devices/0000:00:18.4
/sys/kernel/iommu _groups/3/devices/0000:00:18.5
/sys/kernel/iommu _groups/3/devices/0000:00:18.6
/sys/kernel/iommu _groups/3/devices/0000:00:18.7

Downgraded motherboard BIOS to version F41 using Q-Flash.

Linux command: lspci | grep VGA

Output:

01:00.0 VGA compatible controller: NVIDIA Corporation Device 1f82 (rev a1)
07:00.0 VGA compatible controller: Advanced Micro Devices, Inc. [AMD/ATI] Picasso (rev c9)

Linux command: for a in /sys/kernel/iommu _groups/*; do find $a -type l; done | sort –version-sort

Output:

/sys/kernel/iommu _groups/0/devices/0000:00:01.0
/sys/kernel/iommu _groups/1/devices/0000:00:01.1
/sys/kernel/iommu _groups/2/devices/0000:00:01.2
/sys/kernel/iommu _groups/3/devices/0000:00:08.0
/sys/kernel/iommu _groups/4/devices/0000:00:08.1
/sys/kernel/iommu _groups/5/devices/0000:00:14.0
/sys/kernel/iommu _groups/5/devices/0000:00:14.3
/sys/kernel/iommu _groups/6/devices/0000:00:18.0
/sys/kernel/iommu _groups/6/devices/0000:00:18.1
/sys/kernel/iommu _groups/6/devices/0000:00:18.2

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/sys/kernel/iommu _groups/6/devices/0000:00:18.3
/sys/kernel/iommu _groups/6/devices/0000:00:18.4
/sys/kernel/iommu _groups/6/devices/0000:00:18.5
/sys/kernel/iommu _groups/6/devices/0000:00:18.6
/sys/kernel/iommu _groups/6/devices/0000:00:18.7
/sys/kernel/iommu _groups/7/devices/0000:01:00.0
/sys/kernel/iommu _groups/7/devices/0000:01:00.1
/sys/kernel/iommu _groups/8/devices/0000:02:00.0
/sys/kernel/iommu _groups/8/devices/0000:02:00.1
/sys/kernel/iommu _groups/8/devices/0000:02:00.2
/sys/kernel/iommu _groups/8/devices/0000:03:00.0
/sys/kernel/iommu _groups/8/devices/0000:03:01.0
/sys/kernel/iommu _groups/8/devices/0000:03:04.0
/sys/kernel/iommu _groups/8/devices/0000:05:00.0
/sys/kernel/iommu _groups/8/devices/0000:06:00.0
/sys/kernel/iommu _groups/9/devices/0000:07:00.0
/sys/kernel/iommu _groups/10/devices/0000:07:00.1
/sys/kernel/iommu _groups/10/devices/0000:07:00.2
/sys/kernel/iommu _groups/10/devices/0000:07:00.3
/sys/kernel/iommu _groups/10/devices/0000:07:00.4
/sys/kernel/iommu _groups/10/devices/0000:07:00.6

Conclusion:
Motherboard BIOS version F41 is still the best. BIOS versions F42h and F50 don’t work at all.
With BIOS version F41, the IOMMU group is 7. Within IOMMU group 7, only NVIDIA GTX1650 GPU exists.
With BIOS versions F42h and F50, the IOMMU group is 0 and there are too many devices within this group (cannot work).

Using Linux kernel 5.5.1 encountered some problem.

Linux command: sudo ./windows10vm.sh

Output:

qemu-system-x86 _64: -balloon none: warning: This option is deprecated. Use ’–device virtio-balloon’ to enable the balloon device.
qemu-system-x86 _64: -device vfio-pci,host=01:00.0,multifunction=on: vfio error: 0000:01:00.0: failed to open /dev/vfio/7: No such file or directory

Any changes in /etc/modprobe.d require you to update the initramfs. Enter at the command line:

Linux command: sudo update-initramfs -u

Linux command: sudo reboot

Linux command: sudo update-grub

Linux command: sudo reboot

Linux kernel 5.5.1 is still having some issues with loading vfio-pci kernel module.

Falling back to Linux kernel 5.3.0.

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Checked. Linux kernel 5.3.0 has no issues. Use Linux kernel 5.3.0 all the way.

However, Windows 10 virtual machine still giving me BSOD with IRQL NOT LESS OR EQUAL Stop Code.

2 Feb 2020 Sunday 5 PM Singapore Time: I am very lost. I don't know what to do next. Some experts please help.

Thank you very much.

Resumed troubleshooting at 8.17 PM Singapore Time on 2 Feb 2020 Sunday.

REFERENCE
=========

Discussion Thread: Gpu passthrough vfio blue screen

Link: https://forum.level1techs.com/t/gpu-passthrough-vfio-blue-screen/132808

According to this discussion thread, any Windows 10 version 1803 and above will result in a BSOD with IRQL NOT LESS OR EQUAL Stop Code
during installation of the Windows 10 virtual machine.

I am going to download Windows 10 version 1709 from the following download link.

Link: https://tb.rg-adguard.net/public.php

Please remember to boot up Ubuntu 18.04.3 LTS Desktop Edition host using Linux Kernel 5.3.0 and not Linux Kernel 5.5.1, which doesn't work at all.

Start Windows 10 version 1709 virtual machine with GPU Passthrough

Linux command: sudo ./windows10vm.sh

Windows 10 version 1709 virtual machine completed installation successfully.

During the installation of Windows 10 version 1709 virtual machine, it would not be able to find any virtual harddisk.
Simply install the virtio driver and Windows 10 version 1709 virtual machine will be able to detect the virtual harddisk of 250 GB.

Windows 10 version 1709 virtual machine completed installation successfully.

My Windows 10 version 1709 virtual machine already has an internet connection. So I will not be configuring bridged networking at the moment.

Device Manager > Display adapters > NVIDIA GeForce GTX 1650

NVIDIA GeForce GTX 1650: This device is working properly.

Congratulations to myself! Teo En Ming has successfully passed through MSI GeForce GTX 1650 4 GB GDDR5 GPU to Windows 10 version 1709 virtual machine
using Linux KVM on Ubuntu 18.04.3 LTS Desktop Edition host with a 5.3.0 Linux Kernel.

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I am going to do photo editing and 4K UHD video rendering in this Windows 10 1709 virtual machine with GPU Passthrough.

Confirmed Working Script to Start Windows 10 Virtual Machine with GPU Passthrough
========== -
==========

```
#!/bin/bash

vmname="windows10vm"

if ps -ef | grep qemu-system-x86 _64 | grep -q multifunction=on; then
echo "A passthrough VM is already running." &
exit 1

else

# use pulseaudio
export QEMU _AUDIO _DRV=pa
export QEMU _PA _SAMPLES=8192
export QEMU _AUDIO _TIMER _PERIOD=99
export QEMU _PA _SERVER=/run/user/1000/pulse/native

cp /usr/share/OVMF/OVMF _VARS.fd /tmp/my _vars.fd

qemu-system-x86 _64 \
-name $vmname,process= $vmname \
-machine type=pc,accel=kvm \
-cpu host,kvm=off \
-smp 3,sockets=1,cores=3,threads=1 \
-m 4G \
-balloon none \
-rtc clock=host,base=localtime \
-serial none \
-parallel none \
-soundhw hda \
-usb \
-device usb-host,vendorid=0x0603,productid=0x00f2 \
-device usb-host,vendorid=0x056e,productid=0x0107 \
-device vfio-pci,host=01:00.0,multifunction=on \
-device vfio-pci,host=01:00.1 \
-drive if=pflash,format=raw,readonly,file=/usr/share/OVMF/OVMF _CODE.fd \
-drive if=pflash,format=raw,file=/tmp/my _vars.fd \
-boot order=dc \
-drive id=disk0,if=virtio,cache=none,format=raw,file=/home/teo-en-ming/win10.img \
-drive file=/home/teo-en-ming/win10-1709.iso,index=1,media=cdrom \
-drive file=/home/teo-en-ming/Downloads/virtio-win-0.1.173.iso,index=2,media=cdrom
 #-netdev type=tap,id=net0,ifname=vmtap0,vhost=on \
 #-device virtio-net-pci,netdev=net0,mac=00:16:3e:00:01:01
 #-vga none \
 #-nographic \
```


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exit 0
fi

—END OF TURRITOPSIS DOHRNII TEO EN MING'S GUIDE—

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[FAILURE] GPU/VGA Passthrough of NVidia GeForce GTX1650 to Windows 10 VM using Linux KVM on Ubuntu 18.04.3 LTS Desktop Edition PART 2 (2020-02-02 17:22) - Turritopsis Dohrnii Teo En Ming

Primary Subject: [FAILURE] GPU/VGA Passthrough of NVidia GeForce GTX1650 to Windows 10 VM using Linux KVM on Ubuntu 18.04.3 LTS Desktop Edition PART 2

Secondary Subject: Mr. Turritopsis Dohrnii Teo En Ming's Linux KVM GPU Passthrough Project, Started 1st Feb 2020 Saturday late night before midnight

REFERENCE
=========

Heiko Sieger's blog: Running Windows 10 on Linux using KVM with VGA Passthrough

Link: https://heiko-sieger.info/running-windows-10-on-linux-using-kvm-with-vga-passth rough/

== -
==========

I am following Heiko Sieger's guide because I think it is very well written and very well explained. Good job!

I need to come up with this guide for myself because the home desktop computer which I have is specific and unique to me.

Turritopsis Dohrnii Teo En Ming's home desktop computer technical specifications:

[1] Processor: AMD Ryzen 3 3200G with Radeon Vega 8 Graphics, 4 Cores, 4 Threads, 4.0 GHz Max Boost, 3.6 GHz Base
[2] Motherboard: Gigabyte B450M DS3H rev 1.0 Socket AM4 (BIOS Version: F41, BIOS Date: 07/22/2019, BIOS ID: 8A16BG05)
[3] Memory: 8 GB Transcend DDR4-2666
[4] Integrated Graphics Device (IGD): AMD Radeon Vega 8 Graphics (for Linux host)
[5] Discrete GPU on PCIe Slot 1: MSI GeForce GTX1650 Ventus XS OC Edition 4 GB GDDR5 (for Windows 10 version 1909 virtual machine)
[6] Solid State Disk (SSD): 256 GB Transcend SSD (bare-metal Windows 10 version 1909 installation)
[7] Harddisk (HDD): Seagate Barracude 1 TB 3.5" Internal SATA (for installing Ubuntu 18.04.3 LTS Desktop host)

DETAILED INSTRUCTIONS
=====================

Download ubuntu-18.04.3-desktop-amd64.iso from ubuntu.com (official website) and burn it to a USB thumb drive using Universal USB Installer 1.9.9.0
from Pendrivelinux.com

Reboot computer.

Press DELETE to go into BIOS Setup.

Use the CLASSIC BIOS Interface.

Peripherals > Initial Display Output: IGD Video (Onboard Graphics)

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M.I.T. > Advanced Frequency Settings > Advanced CPU Settings > SVM Mode: Enabled

BIOS > Storage Boot Option Control: UEFI Only

BIOS > Other PCI Device ROM Priority: UEFI Only

Save BIOS settings and Exit.

Press F12 to go into Boot Menu.

Select the USB thumb drive containing Ubuntu 18.04.3 LTS (UEFI).

Select "Try Ubuntu without installing".

Double click "Install Ubuntu 18.04.3 LTS".

Welcome: English

Keyboard layout: English (US)

Select "Normal installation".

Uncheck "Download updates while installing Ubuntu".

Uncheck "Install third-party software for graphics and Wi-Fi hardware and additional media formats".

Select "Erase disk and install Ubuntu".

Uncheck "Encrypt the new Ubuntu installation for security".

Uncheck "Use LVM with the new Ubuntu installation".

Select drive: SCSI1 (0,0,0) (sda) - 1.0 TB ATA ST1000DM010-2EP1 (Seagate Barracuda).

Click Install Now.

Write the changes to disks? Continue.

Where are you? Singapore.

Your name: Turritopsis Dohrnii Teo En Ming

Your computer’s name: ubuntu18043

Pick a username: teo-en-ming

Installation Complete: Click Restart Now.

Press F12 to go into Boot Menu.

Select ubuntu (Seagate 1 TB HDD).

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Linux command: sudo nano /etc/default/grub

Contents of file:

```
# If you change this file, run 'update-grub' afterwards to update
# /boot/grub/grub.cfg.
# For full documentation of the options in this file, see:
# info -f grub -n 'Simple configuration'

GRUB _DEFAULT=0
GRUB _TIMEOUT _STYLE=hidden
GRUB _TIMEOUT=10
GRUB _DISTRIBUTOR='lsb _release -i -s 2> /dev/null || echo Debian'
GRUB _CMDLINE _LINUX _DEFAULT="quiet splash amd _iommu=on"
GRUB _CMDLINE _LINUX=""

# Uncomment to enable BadRAM filtering, modify to suit your needs
# This works with Linux (no patch required) and with any kernel that obtains
# the memory map information from GRUB (GNU Mach, kernel of FreeBSD ...)
#GRUB _BADRAM="0x01234567,0xfefefefe,0x89abcdef,0xefefefef"

# Uncomment to disable graphical terminal (grub-pc only)
#GRUB _TERMINAL=console

# The resolution used on graphical terminal
# note that you can use only modes which your graphic card supports via VBE
# you can see them in real GRUB with the command 'vbeinfo'
#GRUB _GFXMODE=640x480

# Uncomment if you don't want GRUB to pass "root=UUID=xxx" parameter to Linux
#GRUB _DISABLE _LINUX _UUID=true

# Uncomment to disable generation of recovery mode menu entries
#GRUB _DISABLE _RECOVERY="true"

# Uncomment to get a beep at grub start
#GRUB _INIT _TUNE="480 440 1"
```

Linux command: sudo update-grub

Output:

```
Sourcing file '/etc/default/grub'
Generating grub configuration file ...
Found linux image: /boot/vmlinuz-5.3.0-28-generic
Found initrd image: /boot/initrd.img-5.3.0-28-generic
Found linux image: /boot/vmlinuz-5.0.0-23-generic
Found initrd image: /boot/initrd.img-5.0.0-23-generic
Found Windows Boot Manager on /dev/sdc2@/efi/Microsoft/Boot/bootmgfw.e fi
Adding boot menu entry for EFI firmware configuration
done
```


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Reboot the computer.

Linux command: sudo reboot

Linux command: dmesg | grep AMD-Vi

Output:

[0.572129] pci 0000:00:00.2: AMD-Vi: Unable to write to IOMMU perf counter.
[0.576192] pci 0000:00:00.2: AMD-Vi: Found IOMMU cap 0x40
[0.576193] pci 0000:00:00.2: AMD-Vi: Extended features (0x4f77ef22294ada):
[0.576195] AMD-Vi: Interrupt remapping enabled
[0.576195] AMD-Vi: Virtual APIC enabled
[0.576368] AMD-Vi: Lazy IO/TLB flushing enabled
[10.432967] AMD-Vi: AMD IOMMUv2 driver by Joerg Roedel <jroedel@suse.de>

Linux command: cat /proc/cpuinfo | grep svm

Output:

flags

: fpu vme de pse tsc msr pae mce cx8 apic sep mtrr pge mca cmov pat pse36 clflush mmx fxsr sse sse2 ht syscall nx mmxext fxsr _opt pdpe1gb rdtscp lm constant _tsc rep _good nopl nonstop _tsc cpuid extd _apicid aperfmperf pni pclmulqdq monitor ssse3 fma cx16 sse4 _1 sse4 _2 movbe popcnt aes xsave avx f16c rdrand lahf _lm cmp _legacy svm extapic cr8 _legacy abm sse4a misalignsse 3dnowprefetch osvw skinit wdt tce topoext perfctr _core perfctr _nb bpext perfctr _llc mwaitx cpb hw _pstate sme ssbd sev ibpb vmmcall fsgsbase bmi1 avx2 smep bmi2 rdseed adx smap clflushopt sha _ni xsaveopt xsavec xgetbv1 xsaves clzero irperf xsaveerptr arat npt lbrv svm _lock nrip _save tsc _scale vmcb _clean flushbyasid decodeassists pausefilter pfthreshold avic v _vmsave _vmload vgif overflow _recov succor smca
flags

: fpu vme de pse tsc msr pae mce cx8 apic sep mtrr pge mca cmov pat pse36 clflush mmx fxsr sse sse2 ht syscall nx mmxext fxsr _opt pdpe1gb rdtscp lm constant _tsc rep _good nopl nonstop _tsc cpuid extd _apicid aperfmperf pni pclmulqdq monitor ssse3 fma cx16 sse4 _1 sse4 _2 movbe popcnt aes xsave avx f16c rdrand lahf _lm cmp _legacy svm extapic cr8 _legacy abm sse4a misalignsse 3dnowprefetch osvw skinit wdt tce topoext perfctr _core perfctr _nb bpext perfctr _llc mwaitx cpb hw _pstate sme ssbd sev ibpb vmmcall fsgsbase bmi1 avx2 smep bmi2 rdseed adx smap clflushopt sha _ni xsaveopt xsavec xgetbv1 xsaves clzero irperf xsaveerptr arat npt lbrv svm _lock nrip _save tsc _scale vmcb _clean flushbyasid decodeassists pausefilter pfthreshold avic v _vmsave _vmload vgif overflow _recov succor smca
flags

: fpu vme de pse tsc msr pae mce cx8 apic sep mtrr pge mca cmov pat pse36 clflush mmx fxsr sse sse2 ht syscall nx mmxext fxsr _opt pdpe1gb rdtscp lm constant _tsc rep _good nopl nonstop _tsc cpuid extd _apicid aperfmperf pni pclmulqdq monitor ssse3 fma cx16 sse4 _1 sse4 _2 movbe popcnt aes xsave avx f16c rdrand lahf _lm cmp _legacy svm extapic cr8 _legacy abm sse4a misalignsse 3dnowprefetch osvw skinit wdt tce topoext perfctr _core perfctr _nb bpext perfctr _llc mwaitx cpb hw _pstate sme ssbd sev ibpb vmmcall fsgsbase bmi1 avx2 smep bmi2 rdseed adx smap clflushopt sha _ni xsaveopt xsavec xgetbv1 xsaves clzero irperf xsaveerptr arat npt lbrv svm _lock nrip _save tsc _scale vmcb _clean flushbyasid decodeassists pausefilter pfthreshold avic v _vmsave _vmload vgif overflow _recov succor smca
flags

: fpu vme de pse tsc msr pae mce cx8 apic sep mtrr pge mca cmov pat pse36 clflush mmx fxsr sse sse2 ht syscall nx mmxext fxsr _opt pdpe1gb rdtscp lm constant _tsc rep _good nopl nonstop _tsc cpuid extd _apicid aperfmperf pni pclmulqdq monitor ssse3 fma cx16 sse4 _1 sse4 _2 movbe popcnt aes xsave avx f16c rdrand lahf _lm cmp

_legacy svm extapic cr8 _legacy abm sse4a misalignsse 3dnowprefetch osvw skinit wdt tce topoext perfctr _core perfctr _nb bpext perfctr _llc mwaitx cpb hw _pstate sme ssbd sev ibpb vmmcall fsgsbase bmi1 avx2 smep bmi2 rdseed adx smap clflushopt sha _ni xsaveopt xsavec xgetbv1 xsaves clzero irperf xsaveerptr arat npt lbrv svm _lock nrip _save tsc _scale vmcb _clean flushbyasid decodeassists pausefilter pfthreshold avic v _vmsave _vmload vgif overflow _recov succor smca

Linux command: sudo apt install qemu-kvm qemu-utils seabios ovmf hugepages cpu-checker

Linux command: lspci | grep VGA

Output:

01:00.0 VGA compatible controller: NVIDIA Corporation Device 1f82 (rev a1)
07:00.0 VGA compatible controller: Advanced Micro Devices, Inc. [AMD/ATI] Picasso (rev c9)

Linux command: lspci -nn | grep 01:00.

Output:

01:00.0 VGA compatible controller [0300]: NVIDIA Corporation Device [10de:1f82] (rev a1)
01:00.1 Audio device [0403]: NVIDIA Corporation Device [10de:10fa] (rev a1)

Bus numbers of NVidia GeForce GTX1650 GPU:

01:00.0
01:00.1

PCI IDs of NVidia GeForce GTX1650 GPU:

10de:1f82
10de:10fa

Linux command: for a in /sys/kernel/iommu _groups/*; do find $a -type l; done | sort –version-sort

Output:

/sys/kernel/iommu _groups/7/devices/0000:01:00.0
/sys/kernel/iommu _groups/7/devices/0000:01:00.1

IOMMU Group: 7

Linux command: lsusb

Output:

Bus 001 Device 005: ID 0603:00f2 Novatek Microelectronics Corp. Keyboard (Labtec Ultra Flat Keyboard)
Bus 001 Device 004: ID 056e:0107 Elecom Co., Ltd (wireless optical mouse)

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Linux command: cat /sys/bus/pci/devices/0000:01:00.0/modalias

Output:

pci:v000010DEd00001F82sv00001462sd00008D92bc03sc00i00

Linux command: cat /sys/bus/pci/devices/0000:01:00.1/modalias

Output:

pci:v000010DEd000010FAsv00001462sd00008D92bc04sc03i00

Linux command: sudo nano /etc/modprobe.d/local.conf

Contents of file:

alias pci:v000010DEd00001F82sv00001462sd00008D92bc03sc00i00 vfio-pci
alias pci:v000010DEd000010FAsv00001462sd00008D92bc04sc03i00 vfio-pci
options vfio-pci ids=10de:1f82,10de:10fa
options vfio-pci disable _vga=1

Linux command: sudo nano /etc/modprobe.d/kvm.conf

Contents of file:

options kvm ignore _msrs=1

Linux command: sudo nano /etc/initramfs-tools/modules

Contents of file:

vfio
vfio _iommu _type1
vfio _pci
vfio _virqfd
vhost-net

Linux command: sudo update-initramfs -u

Output:

update-initramfs: Generating /boot/initrd.img-5.3.0-28-generic

I will configure bridge networking much later, after GPU Passthrough is successful. GPU Passthrough is top priority. I must get it to work first.

REFERENCE
=========

Link: https://heiko-sieger.info/define-a-network-bridge-using-ubuntus-linux-mints-net work-manager-application/

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Download the latest VFIO drivers from https://fedorapeople.org/groups/virt/vir tio-win/direct-downloads/latest-virtio/virtio-win.iso

Linux command: fallocate -l 250G /home/teo-en-ming/win10.img

Linux command: kvm-ok

Output:

INFO: /dev/kvm exists
KVM acceleration can be used

Linux command: lsmod | grep kvm

Output:

kvm _amd 94208 0
ccp 86016 1 kvm _amd
kvm 651264 1 kvm _amd
irqbypass 16384 1 kvm

Reboot the computer.

Linux command: sudo reboot

Linux command: lsmod | grep kvm

Output:

kvm _amd 94208 0
ccp 86016 1 kvm _amd
kvm 651264 1 kvm _amd
irqbypass 16384 2 vfio _pci,kvm

Linux command: lsmod | grep vfio

Output:

vfio _pci 49152 0
irqbypass 16384 2 vfio _pci,kvm
vfio _virqfd 16384 1 vfio _pci
vfio _iommu _type1 28672 0
vfio 32768 2 vfio _iommu _type1,vfio _pci

Linux command: qemu-system-x86 _64 –version

Output:

QEMU emulator version 2.11.1(Debian 1:2.11+dfsg-1ubuntu7.21)
Copyright (c) 2003-2017 Fabrice Bellard and the QEMU Project developers

Linux command: lspci -kn | grep -A 2 01:00

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Output:

01:00.0 0300: 10de:1f82 (rev a1)

Subsystem: 1462:8d92

Kernel driver in use: vfio-pci
–
01:00.1 0403: 10de:10fa (rev a1)

Subsystem: 1462:8d92

Kernel driver in use: vfio-pci

Kernel driver in use is vfio-pci. It worked!

Linux command: dmesg | grep VFIO

Output:

[2.808675] VFIO - User Level meta-driver version: 0.3

Create Script to Start Windows 10 Virtual Machine with GPU Passthrough
==========

Linux command: sudo nano windows10vm.sh

Contents of file:

```
#!/bin/bash

vmname="windows10vm"

if ps -ef | grep qemu-system-x86 _64 | grep -q multifunction=on; then
echo "A passthrough VM is already running." &
exit 1

else

# use pulseaudio
export QEMU _AUDIO _DRV=pa
export QEMU _PA _SAMPLES=8192
export QEMU _AUDIO _TIMER _PERIOD=99
export QEMU _PA _SERVER=/run/user/1000/pulse/native

cp /usr/share/OVMF/OVMF _VARS.fd /tmp/my _vars.fd

qemu-system-x86 _64 \
-name $vmname,process= $vmname \
-machine type=pc,accel=kvm \
-cpu host,kvm=off \
```

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```
-smp 3,sockets=1,cores=3,threads=1 \
-m 4G \
-balloon none \
-rtc clock=host,base=localtime \
-serial none \
-parallel none \
-soundhw hda \
-usb \
-device usb-host,vendorid=0x0603,productid=0x00f2 \
-device usb-host,vendorid=0x056e,productid=0x0107 \
-device vfio-pci,host=01:00.0,multifunction=on \
-device vfio-pci,host=01:00.1 \
-drive if=pflash,format=raw,readonly,file=/usr/share/OVMF/OVMF _CODE.fd \
-drive if=pflash,format=raw,file=/tmp/my _vars.fd \
-boot order=dc \
-drive id=disk0,if=virtio,cache=none,format=raw,file=/home/teo-en-ming/win10.img \
-drive file=/home/teo-en-ming/win10-1809.iso,index=1,media=cdrom \
-drive file=/home/teo-en-ming/Downloads/virtio-win-0.1.173.iso,index=2,media=cdrom
#-netdev type=tap,id=net0,ifname=vmtap0,vhost=on \
#-device virtio-net-pci,netdev=net0,mac=00:16:3e:00:01:01
#-vga none \
#-nographic \

exit 0
fi
```

Linux command: sudo chmod +x windows10vm.sh

Linux command: sudo ./windows10vm.sh

Temporarily paused doing work at 2:41 AM in the morning on 2nd Feb 2020 Sunday.

Instructions for AMD Ryzen platforms
==========

Link: https://forums.linuxmint.com/viewtopic.php?f=231 &t=212692 &p=1340482 #p1340482

Linux command: sudo add-apt-repository ppa:jacob/virtualisation

Uninstall qemu 2.11.1.

Linux command: sudo apt-get remove qemu-kvm qemu-utils

Install qemu 2.12

Linux command: sudo apt install qemu-kvm qemu-utils

ERROR: Windows 10 virtual machine keeps showing BSOD with IRQL NOT LESS OR EQUAL Stop Code.

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By the way, I am able to see the Tiano Core screen.
No matter what variables I play with in the shell script to start Windows 10 VM,
I always get BSOD IRQL NOT LESS OR EQUAL Stop Code. I am running out of options already.
Please give me suggestions.

Questions
=========

[1] Is MSI GeForce GTX1650 4 GB GDDR5 GPU not supported by Linux KVM for GPU Passthrough?

[2] Do I need to upgrade the BIOS of my Gigabyte B450M DS3H Socket AM4 motherboard? I fear bricking my motherboard. It is a risky operation.

[3] Are there any other workarounds that I have to do for AMD Ryzen 3000 series platform, in order to get GPU Passthrough to work?

I am looking forward to your replies.

Thank you very much!

Stopped troubleshooting at 5.19 AM Singapore Time on 2 Feb 2020 Sunday and went to sleep.

Resumed troubleshooting at around 12 noon Singapore Time on 2 Feb 2020 Sunday.

Upgraded motherboard BIOS to version F50 using Q-Flash.

Linux command: sudo ./windows10vm.sh

Output:

qemu-system-x86 _64: -balloon none: warning: This option is deprecated. Use '–device virtio-balloon' to enable the balloon device.
qemu-system-x86 _64: -device vfio-pci,host=01:00.0,multifunction=on: vfio error: 0000:01:00.0: group 0 is not viable
Please ensure all devices within the iommu _group are bound to their vfio bus driver.

Linux command: for a in /sys/kernel/iommu _groups/*; do find $a -type l; done | sort –version-sort

Output:

/sys/kernel/iommu _groups/0/devices/0000:00:01.0
/sys/kernel/iommu _groups/0/devices/0000:00:01.1
/sys/kernel/iommu _groups/0/devices/0000:00:01.2
/sys/kernel/iommu _groups/0/devices/0000:01:00.0
/sys/kernel/iommu _groups/0/devices/0000:01:00.1
/sys/kernel/iommu _groups/0/devices/0000:02:00.0
/sys/kernel/iommu _groups/0/devices/0000:02:00.1
/sys/kernel/iommu _groups/0/devices/0000:02:00.2
/sys/kernel/iommu _groups/0/devices/0000:03:00.0
/sys/kernel/iommu _groups/0/devices/0000:03:01.0
/sys/kernel/iommu _groups/0/devices/0000:03:04.0
/sys/kernel/iommu _groups/0/devices/0000:05:00.0
/sys/kernel/iommu _groups/0/devices/0000:06:00.0

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/sys/kernel/iommu _groups/1/devices/0000:00:08.0
/sys/kernel/iommu _groups/1/devices/0000:00:08.1
/sys/kernel/iommu _groups/1/devices/0000:00:08.2
/sys/kernel/iommu _groups/1/devices/0000:07:00.0
/sys/kernel/iommu _groups/1/devices/0000:07:00.1
/sys/kernel/iommu _groups/1/devices/0000:07:00.2
/sys/kernel/iommu _groups/1/devices/0000:07:00.3
/sys/kernel/iommu _groups/1/devices/0000:07:00.4
/sys/kernel/iommu _groups/1/devices/0000:07:00.6
/sys/kernel/iommu _groups/1/devices/0000:08:00.0
/sys/kernel/iommu _groups/2/devices/0000:00:14.0
/sys/kernel/iommu _groups/2/devices/0000:00:14.3
/sys/kernel/iommu _groups/3/devices/0000:00:18.0
/sys/kernel/iommu _groups/3/devices/0000:00:18.1
/sys/kernel/iommu _groups/3/devices/0000:00:18.2
/sys/kernel/iommu _groups/3/devices/0000:00:18.3
/sys/kernel/iommu _groups/3/devices/0000:00:18.4
/sys/kernel/iommu _groups/3/devices/0000:00:18.5
/sys/kernel/iommu _groups/3/devices/0000:00:18.6
/sys/kernel/iommu _groups/3/devices/0000:00:18.7

Linux command: sudo apt install inxi

Linux command: inxi -S

Output:

System: Host: ubuntu18043 Kernel: 5.3.0-28-generic x86 _64 bits: 64 Desktop: Gnome 3.28.4
Distro: Ubuntu 18.04.3 LTS

REFERENCE
=========

Link: https://phoenixnap.com/kb/how-to-update-kernel-ubuntu

Linux command: sudo apt-add-repository ppa:teejee2008/ppa

Linux command: sudo apt-get update

Linux command: sudo apt-get install ukuu

Linux command: sudo ukuu-gtk

Ukuu: Ubuntu Kernel Update Utility

Installed Linux kernel 5.5.1 using Ukuu.

Linux command: uname -a

Output:

Linux ubuntu18043 5.5.1-050501-generic #202002011032 SMP Sat Feb 1 10:34:22 UTC 2020 x86 _64 x86 _64 x86 _64 GNU/Linux

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Linux command: for a in /sys/kernel/iommu _groups/*; do find $a -type l; done | sort –version-sort

/sys/kernel/iommu _groups/0/devices/0000:00:01.0
/sys/kernel/iommu _groups/0/devices/0000:00:01.1
/sys/kernel/iommu _groups/0/devices/0000:00:01.2
/sys/kernel/iommu _groups/0/devices/0000:01:00.0
/sys/kernel/iommu _groups/0/devices/0000:01:00.1
/sys/kernel/iommu _groups/0/devices/0000:02:00.0
/sys/kernel/iommu _groups/0/devices/0000:02:00.1
/sys/kernel/iommu _groups/0/devices/0000:02:00.2
/sys/kernel/iommu _groups/0/devices/0000:03:00.0
/sys/kernel/iommu _groups/0/devices/0000:03:01.0
/sys/kernel/iommu _groups/0/devices/0000:03:04.0
/sys/kernel/iommu _groups/0/devices/0000:05:00.0
/sys/kernel/iommu _groups/0/devices/0000:06:00.0
/sys/kernel/iommu _groups/1/devices/0000:00:08.0
/sys/kernel/iommu _groups/1/devices/0000:00:08.1
/sys/kernel/iommu _groups/1/devices/0000:00:08.2
/sys/kernel/iommu _groups/1/devices/0000:07:00.0
/sys/kernel/iommu _groups/1/devices/0000:07:00.1
/sys/kernel/iommu _groups/1/devices/0000:07:00.2
/sys/kernel/iommu _groups/1/devices/0000:07:00.3
/sys/kernel/iommu _groups/1/devices/0000:07:00.4
/sys/kernel/iommu _groups/1/devices/0000:07:00.6
/sys/kernel/iommu _groups/1/devices/0000:08:00.0
/sys/kernel/iommu _groups/2/devices/0000:00:14.0
/sys/kernel/iommu _groups/2/devices/0000:00:14.3
/sys/kernel/iommu _groups/3/devices/0000:00:18.0
/sys/kernel/iommu _groups/3/devices/0000:00:18.1
/sys/kernel/iommu _groups/3/devices/0000:00:18.2
/sys/kernel/iommu _groups/3/devices/0000:00:18.3
/sys/kernel/iommu _groups/3/devices/0000:00:18.4
/sys/kernel/iommu _groups/3/devices/0000:00:18.5
/sys/kernel/iommu _groups/3/devices/0000:00:18.6
/sys/kernel/iommu _groups/3/devices/0000:00:18.7

REFERENCE
==========

https://queuecumber.gitlab.io/linux-acs-override/

Linux command: cd Downloads

Linux command: unzip artifacts.zip

Linux command: sudo dpkg -i linux-headers-5.4.10-acso _5.4.10-acso-1 _amd64.deb

Linux command: sudo dpkg -i linux-image-5.4.10-acso _5.4.10-acso-1 _amd64.deb

Linux command: sudo dpkg -i linux-libc-dev _5.4.10-acso-1 _amd64.deb

Linux command: sudo reboot

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Linux command: uname -a

Output:

Linux ubuntu18043 5.4.10-acso #1 SMP Thu Jan 9 10:30:12 UTC 2020 x86 _64 x86 _64 x86 _64 GNU/Linux

Linux command: for a in /sys/kernel/iommu _groups/*; do find $a -type l; done | sort –version-sort

Output:

/sys/kernel/iommu _groups/0/devices/0000:00:01.0
/sys/kernel/iommu _groups/0/devices/0000:00:01.1
/sys/kernel/iommu _groups/0/devices/0000:00:01.2
/sys/kernel/iommu _groups/0/devices/0000:01:00.0
/sys/kernel/iommu _groups/0/devices/0000:01:00.1
/sys/kernel/iommu _groups/0/devices/0000:02:00.0
/sys/kernel/iommu _groups/0/devices/0000:02:00.1
/sys/kernel/iommu _groups/0/devices/0000:02:00.2
/sys/kernel/iommu _groups/0/devices/0000:03:00.0
/sys/kernel/iommu _groups/0/devices/0000:03:01.0
/sys/kernel/iommu _groups/0/devices/0000:03:04.0
/sys/kernel/iommu _groups/0/devices/0000:05:00.0
/sys/kernel/iommu _groups/0/devices/0000:06:00.0
/sys/kernel/iommu _groups/1/devices/0000:00:08.0
/sys/kernel/iommu _groups/1/devices/0000:00:08.1
/sys/kernel/iommu _groups/1/devices/0000:00:08.2
/sys/kernel/iommu _groups/1/devices/0000:07:00.0
/sys/kernel/iommu _groups/1/devices/0000:07:00.1
/sys/kernel/iommu _groups/1/devices/0000:07:00.2
/sys/kernel/iommu _groups/1/devices/0000:07:00.3
/sys/kernel/iommu _groups/1/devices/0000:07:00.4
/sys/kernel/iommu _groups/1/devices/0000:07:00.6
/sys/kernel/iommu _groups/1/devices/0000:08:00.0
/sys/kernel/iommu _groups/2/devices/0000:00:14.0
/sys/kernel/iommu _groups/2/devices/0000:00:14.3
/sys/kernel/iommu _groups/3/devices/0000:00:18.0
/sys/kernel/iommu _groups/3/devices/0000:00:18.1
/sys/kernel/iommu _groups/3/devices/0000:00:18.2
/sys/kernel/iommu _groups/3/devices/0000:00:18.3
/sys/kernel/iommu _groups/3/devices/0000:00:18.4
/sys/kernel/iommu _groups/3/devices/0000:00:18.5
/sys/kernel/iommu _groups/3/devices/0000:00:18.6
/sys/kernel/iommu _groups/3/devices/0000:00:18.7

Shifted GTX1650 GPU from PCIe Slot 1 to PCIe Slot 2

Linux Command: lspci | grep VGA

Output:

05:00.0 VGA compatible controller: NVIDIA Corporation Device 1f82 (rev a1)
06:00.0 VGA compatible controller: Advanced Micro Devices, Inc. [AMD/ATI] Picasso (rev c9)

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Linux command: for a in /sys/kernel/iommu _groups/*; do find $a -type l; done | sort –version-sort

Output:

/sys/kernel/iommu _groups/0/devices/0000:00:01.0
/sys/kernel/iommu _groups/0/devices/0000:00:01.2
/sys/kernel/iommu _groups/0/devices/0000:01:00.0
/sys/kernel/iommu _groups/0/devices/0000:01:00.1
/sys/kernel/iommu _groups/0/devices/0000:01:00.2
/sys/kernel/iommu _groups/0/devices/0000:02:00.0
/sys/kernel/iommu _groups/0/devices/0000:02:01.0
/sys/kernel/iommu _groups/0/devices/0000:02:04.0
/sys/kernel/iommu _groups/0/devices/0000:04:00.0
/sys/kernel/iommu _groups/0/devices/0000:05:00.0
/sys/kernel/iommu _groups/0/devices/0000:05:00.1
/sys/kernel/iommu _groups/1/devices/0000:00:08.0
/sys/kernel/iommu _groups/1/devices/0000:00:08.1
/sys/kernel/iommu _groups/1/devices/0000:00:08.2
/sys/kernel/iommu _groups/1/devices/0000:06:00.0
/sys/kernel/iommu _groups/1/devices/0000:06:00.1
/sys/kernel/iommu _groups/1/devices/0000:06:00.2
/sys/kernel/iommu _groups/1/devices/0000:06:00.3
/sys/kernel/iommu _groups/1/devices/0000:06:00.4
/sys/kernel/iommu _groups/1/devices/0000:06:00.6
/sys/kernel/iommu _groups/1/devices/0000:07:00.0
/sys/kernel/iommu _groups/2/devices/0000:00:14.0
/sys/kernel/iommu _groups/2/devices/0000:00:14.3
/sys/kernel/iommu _groups/3/devices/0000:00:18.0
/sys/kernel/iommu _groups/3/devices/0000:00:18.1
/sys/kernel/iommu _groups/3/devices/0000:00:18.2
/sys/kernel/iommu _groups/3/devices/0000:00:18.3
/sys/kernel/iommu _groups/3/devices/0000:00:18.4
/sys/kernel/iommu _groups/3/devices/0000:00:18.5
/sys/kernel/iommu _groups/3/devices/0000:00:18.6
/sys/kernel/iommu _groups/3/devices/0000:00:18.7

No improvement. Shift GTX1650 GPU back to PCIe slot 1.

Downgraded motherboard bios to version F42h using Q-flash.

Linux command: for a in /sys/kernel/iommu _groups/*; do find $a -type l; done | sort –version-sort

Output:

/sys/kernel/iommu _groups/0/devices/0000:00:01.0
/sys/kernel/iommu _groups/0/devices/0000:00:01.1
/sys/kernel/iommu _groups/0/devices/0000:00:01.2
/sys/kernel/iommu _groups/0/devices/0000:01:00.0
/sys/kernel/iommu _groups/0/devices/0000:01:00.1
/sys/kernel/iommu _groups/0/devices/0000:02:00.0
/sys/kernel/iommu _groups/0/devices/0000:02:00.1
/sys/kernel/iommu _groups/0/devices/0000:02:00.2

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/sys/kernel/iommu _groups/0/devices/0000:03:00.0
/sys/kernel/iommu _groups/0/devices/0000:03:01.0
/sys/kernel/iommu _groups/0/devices/0000:03:04.0
/sys/kernel/iommu _groups/0/devices/0000:05:00.0
/sys/kernel/iommu _groups/0/devices/0000:06:00.0
/sys/kernel/iommu _groups/1/devices/0000:00:08.0
/sys/kernel/iommu _groups/1/devices/0000:00:08.1
/sys/kernel/iommu _groups/1/devices/0000:00:08.2
/sys/kernel/iommu _groups/1/devices/0000:07:00.0
/sys/kernel/iommu _groups/1/devices/0000:07:00.1
/sys/kernel/iommu _groups/1/devices/0000:07:00.2
/sys/kernel/iommu _groups/1/devices/0000:07:00.3
/sys/kernel/iommu _groups/1/devices/0000:07:00.4
/sys/kernel/iommu _groups/1/devices/0000:07:00.6
/sys/kernel/iommu _groups/1/devices/0000:08:00.0
/sys/kernel/iommu _groups/2/devices/0000:00:14.0
/sys/kernel/iommu _groups/2/devices/0000:00:14.3
/sys/kernel/iommu _groups/3/devices/0000:00:18.0
/sys/kernel/iommu _groups/3/devices/0000:00:18.1
/sys/kernel/iommu _groups/3/devices/0000:00:18.2
/sys/kernel/iommu _groups/3/devices/0000:00:18.3
/sys/kernel/iommu _groups/3/devices/0000:00:18.4
/sys/kernel/iommu _groups/3/devices/0000:00:18.5
/sys/kernel/iommu _groups/3/devices/0000:00:18.6
/sys/kernel/iommu _groups/3/devices/0000:00:18.7

Downgraded motherboard BIOS to version F41 using Q-Flash.

Linux command: lspci | grep VGA

Output:

01:00.0 VGA compatible controller: NVIDIA Corporation Device 1f82 (rev a1)
07:00.0 VGA compatible controller: Advanced Micro Devices, Inc. [AMD/ATI] Picasso (rev c9)

Linux command: for a in /sys/kernel/iommu _groups/*; do find $a -type l; done | sort –version-sort

Output:

/sys/kernel/iommu _groups/0/devices/0000:00:01.0
/sys/kernel/iommu _groups/1/devices/0000:00:01.1
/sys/kernel/iommu _groups/2/devices/0000:00:01.2
/sys/kernel/iommu _groups/3/devices/0000:00:08.0
/sys/kernel/iommu _groups/4/devices/0000:00:08.1
/sys/kernel/iommu _groups/5/devices/0000:00:14.0
/sys/kernel/iommu _groups/5/devices/0000:00:14.3
/sys/kernel/iommu _groups/6/devices/0000:00:18.0
/sys/kernel/iommu _groups/6/devices/0000:00:18.1
/sys/kernel/iommu _groups/6/devices/0000:00:18.2
/sys/kernel/iommu _groups/6/devices/0000:00:18.3
/sys/kernel/iommu _groups/6/devices/0000:00:18.4
/sys/kernel/iommu _groups/6/devices/0000:00:18.5
/sys/kernel/iommu _groups/6/devices/0000:00:18.6

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/sys/kernel/iommu _groups/6/devices/0000:00:18.7
/sys/kernel/iommu _groups/7/devices/0000:01:00.0
/sys/kernel/iommu _groups/7/devices/0000:01:00.1
/sys/kernel/iommu _groups/8/devices/0000:02:00.0
/sys/kernel/iommu _groups/8/devices/0000:02:00.1
/sys/kernel/iommu _groups/8/devices/0000:02:00.2
/sys/kernel/iommu _groups/8/devices/0000:03:00.0
/sys/kernel/iommu _groups/8/devices/0000:03:01.0
/sys/kernel/iommu _groups/8/devices/0000:03:04.0
/sys/kernel/iommu _groups/8/devices/0000:05:00.0
/sys/kernel/iommu _groups/8/devices/0000:06:00.0
/sys/kernel/iommu _groups/9/devices/0000:07:00.0
/sys/kernel/iommu _groups/10/devices/0000:07:00.1
/sys/kernel/iommu _groups/10/devices/0000:07:00.2
/sys/kernel/iommu _groups/10/devices/0000:07:00.3
/sys/kernel/iommu _groups/10/devices/0000:07:00.4
/sys/kernel/iommu _groups/10/devices/0000:07:00.6

Conclusion:
Motherboard BIOS version F41 is still the best. BIOS versions F42h and F50 don’t work at all.
With BIOS version F41, the IOMMU group is 7. Within IOMMU group 7, only NVIDIA GTX1650 GPU exists.
With BIOS versions F42h and F50, the IOMMU group is 0 and there are too many devices within this group (cannot work).

Using Linux kernel 5.5.1 encountered some problem.

Linux command: sudo ./windows10vm.sh

Output:

qemu-system-x86 _64: -balloon none: warning: This option is deprecated. Use ’–device virtio-balloon’ to enable the balloon device.
qemu-system-x86 _64: -device vfio-pci,host=01:00.0,multifunction=on: vfio error: 0000:01:00.0: failed to open /dev/vfio/7: No such file or directory

Any changes in /etc/modprobe.d require you to update the initramfs. Enter at the command line:

Linux command: sudo update-initramfs -u

Linux command: sudo reboot

Linux command: sudo update-grub

Linux command: sudo reboot

Linux kernel 5.5.1 is still having some issues with loading vfio-pci kernel module.

Falling back to Linux kernel 5.3.0.

Checked. Linux kernel 5.3.0 has no issues. Use Linux kernel 5.3.0 all the way.

However, Windows 10 virtual machine still giving me BSOD with IRQL NOT LESS OR EQUAL Stop Code.

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2 Feb 2020 Sunday 5 PM Singapore Time: I am very lost. I don’t know what to do next. Some experts please help.

Thank you very much.

REFERENCES:

[1] [1]https://lkml.org/lkml/2020/2/2/22

[2] [2]http://lkml.iu.edu/hypermail/linux/kernel/2002.0/00313.html

[3] [3]http://lists.linuxfromscratch.org/pipermail/lfs-chat/2020-Fe bruary/029076.html

[4] [4]https://marc.info/?l=kvm &m=158063462330580 &w=2

[5] [5]https://lists.ubuntu.com/archives/ubuntu-users/2020-February/2 99213.html

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1. https://lkml.org/lkml/2020/2/2/22
2. http://lkml.iu.edu/hypermail/linux/kernel/2002.0/00313.html
3. http://lists.linuxfromscratch.org/pipermail/lfs-chat/2020-February/029076.html
4. https://marc.info/?l=kvm&m=158063462330580&w=2
5. https://lists.ubuntu.com/archives/ubuntu-users/2020-February/299213.html

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[FAILURE] GPU/VGA Passthrough of NVidia GeForce GTX1650 to Windows 10 VM using Linux KVM on Ubuntu 18.04.3 LTS Desktop Edition (2020-02-02 13:29) - Turritopsis Dohrnii Teo En Ming

Primary Subject: [FAILURE] GPU/VGA Passthrough of NVidia GeForce GTX1650 to Windows 10 VM using Linux KVM on Ubuntu 18.04.3 LTS Desktop Edition

Secondary Subject: Mr. Turritopsis Dohrnii Teo En Ming's Linux KVM GPU Passthrough Project, Started 1st Feb 2020 Saturday late night before midnight

REFERENCE
=========

Heiko Sieger's blog: Running Windows 10 on Linux using KVM with VGA Passthrough

Link: [1]https://heiko-sieger.info/running-windows-10-on-linux-using-kvm-with-vga -passthrough/

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I am following Heiko Sieger's guide because I think it is very well written and very well explained. Good job!

I need to come up with this guide for myself because the home desktop computer which I have is specific and unique to me.

Turritopsis Dohrnii Teo En Ming's home desktop computer technical specifications:

[1] Processor: AMD Ryzen 3 3200G with Radeon Vega 8 Graphics, 4 Cores, 4 Threads, 4.0 GHz Max Boost, 3.6 GHz Base
[2] Motherboard: Gigabyte B450M DS3H rev 1.0 Socket AM4 (BIOS Version: F41, BIOS Date: 07/22/2019, BIOS ID: 8A16BG05)
[3] Memory: 8 GB Transcend DDR4-2666
[4] Integrated Graphics Device (IGD): AMD Radeon Vega 8 Graphics (for Linux host)
[5] Discrete GPU on PCIe Slot 1: MSI GeForce GTX1650 Ventus XS OC Edition 4 GB GDDR5 (for Windows 10 version 1909 virtual machine)
[6] Solid State Disk (SSD): 256 GB Transcend SSD (bare-metal Windows 10 version 1909 installation)
[7] Harddisk (HDD): Seagate Barracude 1 TB 3.5" Internal SATA (for installing Ubuntu 18.04.3 LTS Desktop host)

DETAILED INSTRUCTIONS
=====================

Download ubuntu-18.04.3-desktop-amd64.iso from ubuntu.com (official website) and burn it to a USB thumb drive using Universal USB Installer 1.9.9.0
from Pendrivelinux.com

Reboot computer.

Press DELETE to go into BIOS Setup.

Use the CLASSIC BIOS Interface.

Peripherals > Initial Display Output: IGD Video (Onboard Graphics)

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M.I.T. > Advanced Frequency Settings > Advanced CPU Settings > SVM Mode: Enabled

BIOS > Storage Boot Option Control: UEFI Only

BIOS > Other PCI Device ROM Priority: UEFI Only

Save BIOS settings and Exit.

Press F12 to go into Boot Menu.

Select the USB thumb drive containing Ubuntu 18.04.3 LTS (UEFI).

Select "Try Ubuntu without installing".

Double click "Install Ubuntu 18.04.3 LTS".

Welcome: English

Keyboard layout: English (US)

Select "Normal installation".

Uncheck "Download updates while installing Ubuntu".

Uncheck "Install third-party software for graphics and Wi-Fi hardware and additional media formats".

Select "Erase disk and install Ubuntu".

Uncheck "Encrypt the new Ubuntu installation for security".

Uncheck "Use LVM with the new Ubuntu installation".

Select drive: SCSI1 (0,0,0) (sda) - 1.0 TB ATA ST1000DM010-2EP1 (Seagate Barracuda).

Click Install Now.

Write the changes to disks? Continue.

Where are you? Singapore.

Your name: Turritopsis Dohrnii Teo En Ming

Your computer’s name: ubuntu18043

Pick a username: teo-en-ming

Installation Complete: Click Restart Now.

Press F12 to go into Boot Menu.

Select ubuntu (Seagate 1 TB HDD).

Linux command: sudo nano /etc/default/grub

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Contents of file:

```
# If you change this file, run 'update-grub' afterwards to update
# /boot/grub/grub.cfg.
# For full documentation of the options in this file, see:
# info -f grub -n 'Simple configuration'

GRUB _DEFAULT=0
GRUB _TIMEOUT _STYLE=hidden
GRUB _TIMEOUT=10
GRUB _DISTRIBUTOR='lsb _release -i -s 2> /dev/null || echo Debian'
GRUB _CMDLINE _LINUX _DEFAULT="quiet splash amd _iommu=on"
GRUB _CMDLINE _LINUX=""

# Uncomment to enable BadRAM filtering, modify to suit your needs
# This works with Linux (no patch required) and with any kernel that obtains
# the memory map information from GRUB (GNU Mach, kernel of FreeBSD ...)
#GRUB _BADRAM="0x01234567,0xfefefefe,0x89abcdef,0xefefefef"

# Uncomment to disable graphical terminal (grub-pc only)
#GRUB _TERMINAL=console

# The resolution used on graphical terminal
# note that you can use only modes which your graphic card supports via VBE
# you can see them in real GRUB with the command 'vbeinfo'
#GRUB _GFXMODE=640x480

# Uncomment if you don't want GRUB to pass "root=UUID=xxx" parameter to Linux
#GRUB _DISABLE _LINUX _UUID=true

# Uncomment to disable generation of recovery mode menu entries
#GRUB _DISABLE _RECOVERY="true"

# Uncomment to get a beep at grub start
#GRUB _INIT _TUNE="480 440 1"
```

Linux command: sudo update-grub

Output:

```
Sourcing file '/etc/default/grub'
Generating grub configuration file ...
Found linux image: /boot/vmlinuz-5.3.0-28-generic
Found initrd image: /boot/initrd.img-5.3.0-28-generic
Found linux image: /boot/vmlinuz-5.0.0-23-generic
Found initrd image: /boot/initrd.img-5.0.0-23-generic
Found Windows Boot Manager on /dev/sdc2@/efi/Microsoft/Boot/bootmgfw.e fi
Adding boot menu entry for EFI firmware configuration
done
```

Reboot the computer.

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Linux command: sudo reboot

Linux command: dmesg | grep AMD-Vi

Output:

[0.572129] pci 0000:00:00.2: AMD-Vi: Unable to write to IOMMU perf counter.
[0.576192] pci 0000:00:00.2: AMD-Vi: Found IOMMU cap 0x40
[0.576193] pci 0000:00:00.2: AMD-Vi: Extended features (0x4f77ef22294ada):
[0.576195] AMD-Vi: Interrupt remapping enabled
[0.576195] AMD-Vi: Virtual APIC enabled
[0.576368] AMD-Vi: Lazy IO/TLB flushing enabled
[10.432967] AMD-Vi: AMD IOMMUv2 driver by Joerg Roedel <jroedel@suse.de>

Linux command: cat /proc/cpuinfo | grep svm

Output:

flags

: fpu vme de pse tsc msr pae mce cx8 apic sep mtrr pge mca cmov pat pse36 clflush mmx fxsr sse sse2 ht syscall nx mmxext fxsr _opt pdpe1gb rdtscp lm constant _tsc rep _good nopl nonstop _tsc cpuid extd _apicid aperfmperf pni pclmulqdq monitor ssse3 fma cx16 sse4 _1 sse4 _2 movbe popcnt aes xsave avx f16c rdrand lahf _lm cmp _legacy svm extapic cr8 _legacy abm sse4a misalignsse 3dnowprefetch osvw skinit wdt tce topoext perfctr _core perfctr _nb bpext perfctr _llc mwaitx cpb hw _pstate sme ssbd sev ibpb vmmcall fsgsbase bmi1 avx2 smep bmi2 rdseed adx smap clflushopt sha _ni xsaveopt xsavec xgetbv1 xsaves clzero irperf xsaveerptr arat npt lbrv svm _lock nrip _save tsc _scale vmcb _clean flushbyasid decodeassists pausefilter pfthreshold avic v _vmsave _vmload vgif overflow _recov succor smca
flags

: fpu vme de pse tsc msr pae mce cx8 apic sep mtrr pge mca cmov pat pse36 clflush mmx fxsr sse sse2 ht syscall nx mmxext fxsr _opt pdpe1gb rdtscp lm constant _tsc rep _good nopl nonstop _tsc cpuid extd _apicid aperfmperf pni pclmulqdq monitor ssse3 fma cx16 sse4 _1 sse4 _2 movbe popcnt aes xsave avx f16c rdrand lahf _lm cmp _legacy svm extapic cr8 _legacy abm sse4a misalignsse 3dnowprefetch osvw skinit wdt tce topoext perfctr _core perfctr _nb bpext perfctr _llc mwaitx cpb hw _pstate sme ssbd sev ibpb vmmcall fsgsbase bmi1 avx2 smep bmi2 rdseed adx smap clflushopt sha _ni xsaveopt xsavec xgetbv1 xsaves clzero irperf xsaveerptr arat npt lbrv svm _lock nrip _save tsc _scale vmcb _clean flushbyasid decodeassists pausefilter pfthreshold avic v _vmsave _vmload vgif overflow _recov succor smca
flags

: fpu vme de pse tsc msr pae mce cx8 apic sep mtrr pge mca cmov pat pse36 clflush mmx fxsr sse sse2 ht syscall nx mmxext fxsr _opt pdpe1gb rdtscp lm constant _tsc rep _good nopl nonstop _tsc cpuid extd _apicid aperfmperf pni pclmulqdq monitor ssse3 fma cx16 sse4 _1 sse4 _2 movbe popcnt aes xsave avx f16c rdrand lahf _lm cmp _legacy svm extapic cr8 _legacy abm sse4a misalignsse 3dnowprefetch osvw skinit wdt tce topoext perfctr _core perfctr _nb bpext perfctr _llc mwaitx cpb hw _pstate sme ssbd sev ibpb vmmcall fsgsbase bmi1 avx2 smep bmi2 rdseed adx smap clflushopt sha _ni xsaveopt xsavec xgetbv1 xsaves clzero irperf xsaveerptr arat npt lbrv svm _lock nrip _save tsc _scale vmcb _clean flushbyasid decodeassists pausefilter pfthreshold avic v _vmsave _vmload vgif overflow _recov succor smca
flags

: fpu vme de pse tsc msr pae mce cx8 apic sep mtrr pge mca cmov pat pse36 clflush mmx fxsr sse sse2 ht syscall nx mmxext fxsr _opt pdpe1gb rdtscp lm constant _tsc rep _good nopl nonstop _tsc cpuid extd _apicid aperfmperf pni pclmulqdq monitor ssse3 fma cx16 sse4 _1 sse4 _2 movbe popcnt aes xsave avx f16c rdrand lahf _lm cmp _legacy svm extapic cr8 _legacy abm sse4a misalignsse 3dnowprefetch osvw skinit wdt tce topoext perfctr _core

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perfctr _nb bpext perfctr _llc mwaitx cpb hw _pstate sme ssbd sev ibpb vmmcall fsgsbase bmi1 avx2 smep bmi2 rdseed adx smap clflushopt sha _ni xsaveopt xsavec xgetbv1 xsaves clzero irperf xsaveerptr arat npt lbrv svm _lock nrip _save tsc _scale vmcb _clean flushbyasid decodeassists pausefilter pfthreshold avic v _vmsave _vmload vgif overflow _recov succor smca

Linux command: sudo apt install qemu-kvm qemu-utils seabios ovmf hugepages cpu-checker

Linux command: lspci | grep VGA

Output:

01:00.0 VGA compatible controller: NVIDIA Corporation Device 1f82 (rev a1)
07:00.0 VGA compatible controller: Advanced Micro Devices, Inc. [AMD/ATI] Picasso (rev c9)

Linux command: lspci -nn | grep 01:00.

Output:

01:00.0 VGA compatible controller [0300]: NVIDIA Corporation Device [10de:1f82] (rev a1)
01:00.1 Audio device [0403]: NVIDIA Corporation Device [10de:10fa] (rev a1)

Bus numbers of NVidia GeForce GTX1650 GPU:

01:00.0
01:00.1

PCI IDs of NVidia GeForce GTX1650 GPU:

10de:1f82
10de:10fa

Linux command: for a in /sys/kernel/iommu _groups/*; do find $a -type l; done | sort –version-sort

Output:

/sys/kernel/iommu _groups/7/devices/0000:01:00.0
/sys/kernel/iommu _groups/7/devices/0000:01:00.1

IOMMU Group: 7

Linux command: lsusb

Output:

Bus 001 Device 005: ID 0603:00f2 Novatek Microelectronics Corp. Keyboard (Labtec Ultra Flat Keyboard)
Bus 001 Device 004: ID 056e:0107 Elecom Co., Ltd (wireless optical mouse)

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Linux command: cat /sys/bus/pci/devices/0000:01:00.0/modalias

Output:

pci:v000010DEd00001F82sv00001462sd00008D92bc03sc00i00

Linux command: cat /sys/bus/pci/devices/0000:01:00.1/modalias

Output:

pci:v000010DEd000010FAsv00001462sd00008D92bc04sc03i00

Linux command: sudo nano /etc/modprobe.d/local.conf

Contents of file:

alias pci:v000010DEd00001F82sv00001462sd00008D92bc03sc00i00 vfio-pci
alias pci:v000010DEd000010FAsv00001462sd00008D92bc04sc03i00 vfio-pci
options vfio-pci ids=10de:1f82,10de:10fa
options vfio-pci disable _vga=1

Linux command: sudo nano /etc/modprobe.d/kvm.conf

Contents of file:

options kvm ignore _msrs=1

Linux command: sudo nano /etc/initramfs-tools/modules

Contents of file:

vfio
vfio _iommu _type1
vfio _pci
vfio _virqfd
vhost-net

Linux command: sudo update-initramfs -u

Output:

update-initramfs: Generating /boot/initrd.img-5.3.0-28-generic

I will configure bridge networking much later, after GPU Passthrough is successful. GPU Passthrough is top priority. I must get it to work first.

REFERENCE
=========

Link: [2]https://heiko-sieger.info/define-a-network-bridge-using-ubuntus-linux-mi nts-network-manager-application/

Download the latest VFIO drivers from [3]https://fedorapeople.org/groups/virt/virtio-win/direct-downloads/lates

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t-virtio/virtio-win.iso

Linux command: fallocate -l 250G /home/teo-en-ming/win10.img

Linux command: kvm-ok

Output:

INFO: /dev/kvm exists
KVM acceleration can be used

Linux command: lsmod | grep kvm

Output:

kvm _amd 94208 0
ccp 86016 1 kvm _amd
kvm 651264 1 kvm _amd
irqbypass 16384 1 kvm

Reboot the computer.

Linux command: sudo reboot

Linux command: lsmod | grep kvm

Output:

kvm _amd 94208 0
ccp 86016 1 kvm _amd
kvm 651264 1 kvm _amd
irqbypass 16384 2 vfio _pci,kvm

Linux command: lsmod | grep vfio

Output:

vfio _pci 49152 0
irqbypass 16384 2 vfio _pci,kvm
vfio _virqfd 16384 1 vfio _pci
vfio _iommu _type1 28672 0
vfio 32768 2 vfio _iommu _type1,vfio _pci

Linux command: qemu-system-x86 _64 –version

Output:

QEMU emulator version 2.11.1(Debian 1:2.11+dfsg-1ubuntu7.21)
Copyright (c) 2003-2017 Fabrice Bellard and the QEMU Project developers

Linux command: lspci -kn | grep -A 2 01:00

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Output:

01:00.0 0300: 10de:1f82 (rev a1)

Subsystem: 1462:8d92

Kernel driver in use: vfio-pci
_
01:00.1 0403: 10de:10fa (rev a1)

Subsystem: 1462:8d92

Kernel driver in use: vfio-pci

Kernel driver in use is vfio-pci. It worked!

Linux command: dmesg | grep VFIO

Output:

[2.808675] VFIO - User Level meta-driver version: 0.3

Create Script to Start Windows 10 Virtual Machine with GPU Passthrough
==========

Linux command: sudo nano windows10vm.sh

Contents of file:

```
#!/bin/bash

vmname="windows10vm"

if ps -ef | grep qemu-system-x86 _64 | grep -q multifunction=on; then
echo "A passthrough VM is already running." &
exit 1

else

# use pulseaudio
export QEMU _AUDIO _DRV=pa
export QEMU _PA _SAMPLES=8192
export QEMU _AUDIO _TIMER _PERIOD=99
export QEMU _PA _SERVER=/run/user/1000/pulse/native

cp /usr/share/OVMF/OVMF _VARS.fd /tmp/my _vars.fd

qemu-system-x86 _64 \
-name $vmname,process= $vmname \
-machine type=pc,accel=kvm \
-cpu host,kvm=off \
-smp 3,sockets=1,cores=3,threads=1 \
```

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```
-m 4G \
-balloon none \
-rtc clock=host,base=localtime \
-serial none \
-parallel none \
-soundhw hda \
-usb \
-device usb-host,vendorid=0x0603,productid=0x00f2 \
-device usb-host,vendorid=0x056e,productid=0x0107 \
-device vfio-pci,host=01:00.0,multifunction=on \
-device vfio-pci,host=01:00.1 \
-drive if=pflash,format=raw,readonly,file=/usr/share/OVMF/OVMF _CODE.fd \
-drive if=pflash,format=raw,file=/tmp/my _vars.fd \
-boot order=dc \
-drive id=disk0,if=virtio,cache=none,format=raw,file=/home/teo-en-ming/win10.img \
-drive file=/home/teo-en-ming/win10-1809.iso,index=1,media=cdrom \
-drive file=/home/teo-en-ming/Downloads/virtio-win-0.1.173.iso,index=2,media=cdrom
#-netdev type=tap,id=net0,ifname=vmtap0,vhost=on \
#-device virtio-net-pci,netdev=net0,mac=00:16:3e:00:01:01
#-vga none \
#-nographic \

exit 0
fi
```

Linux command: sudo chmod +x windows10vm.sh

Linux command: sudo ./windows10vm.sh

Temporarily paused doing work at 2:41 AM in the morning on 2nd Feb 2020 Sunday.

Instructions for AMD Ryzen platforms
==========

Link: [4]https://forums.linuxmint.com/viewtopic.php?f=231 &t=212692 &p=1340482 #p1340482

Linux command: sudo add-apt-repository ppa:jacob/virtualisation

Uninstall qemu 2.11.1.

Linux command: sudo apt-get remove qemu-kvm qemu-utils

Install qemu 2.12

Linux command: sudo apt install qemu-kvm qemu-utils

ERROR: Windows 10 virtual machine keeps showing BSOD with IRQL NOT LESS OR EQUAL Stop Code.
By the way, I am able to see the Tiano Core screen.

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No matter what variables I play with in the shell script to start Windows 10 VM,
I always get BSOD IRQL NOT LESS OR EQUAL Stop Code. I am running out of options already.
Please give me suggestions.

Questions
=========

[1] Is MSI GeForce GTX1650 4 GB GDDR5 GPU not supported by Linux KVM for GPU Passthrough?

[2] Do I need to upgrade the BIOS of my Gigabyte B450M DS3H Socket AM4 motherboard? I fear bricking my motherboard. It is a risky operation.

[3] Are there any other workarounds that I have to do for AMD Ryzen 3000 series platform, in order to get GPU Passthrough to work?

I am looking forward to your replies.

Thank you very much!

Stopped troubleshooting at 5.19 AM Singapore Time on 2 Feb 2020 Sunday and went to sleep.

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[2] [6]http://lkml.iu.edu/hypermail/linux/kernel/2002.0/00291.html

[3] [7]http://lists.linuxfromscratch.org/pipermail/lfs-chat/2020-Fe bruary/029075.html

[4] [8]https://marc.info/?l=kvm &m=158061987628540 &w=2

[5] [9]https://lists.ubuntu.com/archives/ubuntu-users/2020-February/2 99211.html

1. https://heiko-sieger.info/running-windows-10-on-linux-using-kvm-with-vga-passthrough/
2. https://heiko-sieger.info/define-a-network-bridge-using-ubuntus-linux-mints-network-manager-application/
3. https://fedorapeople.org/groups/virt/virtio-win/direct-downloads/latest-virtio/virtio-win.iso
4. https://forums.linuxmint.com/viewtopic.php?f=231&t=212692&p=1340482#p1340482
5. https://lkml.org/lkml/2020/2/1/292
6. http://lkml.iu.edu/hypermail/linux/kernel/2002.0/00291.html
7. http://lists.linuxfromscratch.org/pipermail/lfs-chat/2020-February/029075.html
8. https://marc.info/?l=kvm&m=158061987628540&w=2
9. https://lists.ubuntu.com/archives/ubuntu-users/2020-February/299211.html

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1.12 January

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I am going to setup Samba 4.11.6 as an Active Directory Domain Controller in CentOS 8.1 1911 Linux Server (2020-01-31 22:49) - Turritopsis Dohrnii Teo En Ming

I am going to setup Samba 4.11.6 as an Active Directory Domain Controller in CentOS 8.1 1911 Linux Server

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[1] [1]https://lists.samba.org/archive/samba/2020-January/228037.html

1. `https://lists.samba.org/archive/samba/2020-January/228037.html`

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Teo En Ming's Setting Up Ubuntu 18.04.3 LTS with Samba 4.11.6 as Active Directory Domain Controller PDF Manual (2020-01-30 22:33) - Turritopsis Dohrnii Teo En Ming

Teo En Ming's Setting Up Ubuntu 18.04.3 LTS with Samba 4.11.6 as Active Directory Domain Controller PDF Manual

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[3] [3]http://lists.linuxfromscratch.org/pipermail/lfs-chat/2020-Ja nuary/029074.html

[4] [4]https://lists.samba.org/archive/samba/2020-January/227995.html

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3. http://lists.linuxfromscratch.org/pipermail/lfs-chat/2020-January/029074.html
4. https://lists.samba.org/archive/samba/2020-January/227995.html

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Teo En Ming's Setting Up Ubuntu 18.04.3 LTS with Samba 4.11.6 as Active Directory Domain Controller PDF Manual (2020-01-30 22:14) - Turritopsis Dohrnii Teo En Ming

Subject: Teo En Ming's Setting Up Ubuntu 18.04.3 LTS with Samba 4.11.6 as Active Directory Domain Controller PDF Manual

Teo En Ming's 100-page PDF manual.

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[3] [3]https://drive.google.com/open?id=1D-ynGtyOgY5xKjekGzXoT-XQ4DeYpUJz

[4] [4]https://drive.google.com/open?id=1R1rFHIn0 _EzLRspxylSE6gG7eErUCDFY

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3. https://drive.google.com/open?id=1D-ynGtyOgY5xKjekGzXoT-XQ4DeYpUJz
4. https://drive.google.com/open?id=1R1rFHIn0_EzLRspxylSE6gG7eErUCDFY

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Wow! 60 year old still working as computer network engineer? (2020-01-28 08:10) - Turritopsis Dohrnii Teo En Ming

Wow! 60 year old still working as computer network engineer? My colleague Ivan is still going strong!

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Prime Minister Cao Cao Chose Immortality Over Becoming Emperor of Ancient China

(2020-01-27 19:22) - Turritopsis Dohrnii Teo En Ming

I recall reading somewhere that Prime Minister Cao Cao chose immortality over becoming Emperor of Ancient China, but I can’t seem to find the article now.

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Singaporean Couple Spends $2 Million On 18-Course Dinner Aboard Private Jet & Yacht For A Good Cause **(2020-01-27 19:20) - Turritopsis Dohrnii Teo En Ming**

Singaporean Couple Spends $2 Million On 18-Course Dinner Aboard Private Jet & Yacht For A Good Cause

Link: [1]https://mustsharenews.com/private-jet-yacht-dinner/

1. https://mustsharenews.com/private-jet-yacht-dinner/

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ET1505 Project for Diploma (Conversion) in Computer Networking at Singapore Polytechnic Year 2017 (2020-01-27 19:17) - Turritopsis Dohrnii Teo En Ming

Primary Subject: ET1505 Project for Diploma (Conversion) in Computer

Networking at Singapore Polytechnic Year 2017

Secondary Subject: [ET1505 Project] Cisco Routers and Switches Actual

Hardware Configuration Files (Version 9 *FINAL SUBMISSION*)

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Why can’t I setup Samba 4.7.6 as Active Directory Domain Controller in Ubuntu 18.04.3 LTS Linux Server? (2020-01-27 19:10) - Turritopsis Dohrnii Teo En Ming

Why can’t I setup Samba 4.7.6 as Active Directory Domain Controller in Ubuntu 18.04.3 LTS Linux Server?

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1. `https://lists.ubuntu.com/archives/ubuntu-users/2020-January/299148.html`
2. `https://lists.samba.org/archive/samba/2020-January/227916.html`

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Facebook Mr. Yon Tan: Give up your Singapore citizenship and get an Indian citizenship. Then come to Singapore and apply for jobs. (2020-01-26 22:36) - Turritopsis Dohrnii Teo En Ming

Facebook Mr. Yon Tan: Give up your Singapore citizenship and get an Indian citizenship. Then come to Singapore and apply for jobs.

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Teo En Ming's Setting Up Ubuntu 16.04.6 LTS Linux Server with Samba4 as an Active Directory Domain Controller PDF Manual (2020-01-26 22:33) - Turritopsis Dohrnii Teo En Ming

Teo En Ming's Setting Up Ubuntu 16.04.6 LTS Linux Server with Samba4 as an Active Directory Domain Controller PDF Manual

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Teo En Ming's Setting Up Azure Active Directory Synchronization with Office 365 for Business PDF Manual (2020-01-26 22:30) - Turritopsis Dohrnii Teo En Ming

Teo En Ming's Setting Up Azure Active Directory Synchronization with Office 365 for Business PDF Manual

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Setting Up Ubuntu 16.04.6 LTS Linux Server with Samba4 as an Active Directory Domain Controller PDF Manual (2020-01-25 22:38) - Turritopsis Dohrnii Teo En Ming

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Setting Up Azure Active Directory Synchronization with Office 365 PDF Manual (2020-01-25 22:35) - Turritopsis Dohrnii Teo En Ming

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4. https://drive.google.com/open?id=1yKgP8jL6awx3oW81Lomca42dHKHouNEl

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Prime Minister Cao Cao Chose Immortality Over Becoming Emperor of Ancient China

(2020-01-22 23:28) - Turritopsis Dohrnii Teo En Ming

I recall reading somewhere that Prime Minister Cao Cao chose immortality over becoming Emperor of Ancient China, but I can’t seem to find the article now.

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Can I configure CentOS 8.1 1911 as an Active Directory Domain Controller like a Windows Server?

(2020-01-22 23:26) - Turritopsis Dohrnii Teo En Ming

Can I configure CentOS 8.1 1911 as an Active Directory Domain Controller like a Windows Server?

Link: [1]https://lists.centos.org/pipermail/centos/2020-January/349362.ht ml

1. `https://lists.centos.org/pipermail/centos/2020-January/349362.html`

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Lovastatin appears to be effective in lowering cholesterol (2020-01-19 21:56) - Turritopsis Dohrnii Teo En Ming

Lovastatin appears to be effective in lowering cholesterol.

Started lovastatin on 2 Dec 2019 because I cannot afford to buy Eu Yan Sang High Strength CholesFREE Red Yeast Rice with Natto at SGD $39.90 every 20 days.

Lipid Panel as at 18 January 2020.

3rd July 2019 31st July 2019 9th Sept 2019 10th Oct 2019 26th Nov 2019 18th Jan 2020 Cholesterol 7.27 5.52 6.72 5.91 6.66 5.30 Triglycerides 3.31 1.68 1.55 2.32 2.95 1.32 HDL 1.15 1.16 1.13 1.34 1.05 1.24 LDL 4.63 3.59 4.89 3.53 4.28 3.46 Chol:HDL Ratio 6.32 4.74 5.95 4.43 6.33 4.27

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Photo-Art Bikini Shoot Outing at Sentosa 19 Jan 2020 Sun (4K video taken with Panasonic FZ1000 Mark 2 bridge camera) (2020-01-19 21:39) - Turritopsis Dohrnii Teo En Ming

Photo-Art Bikini Shoot Outing at Sentosa 19 Jan 2020 Sun (4K video taken with Panasonic FZ1000 Mark 2 bridge camera)

Link: [1]https://www.youtube.com/watch?v=meX _JOWNmYY

1. `https://www.youtube.com/watch?v=meX_JOWNmYY`

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Bigo Awards Gala 20202020 at Capitol Theatre 15 Jan 2020 Wed (Photos taken with Huawei Mate 10) **(2020-01-15 23:07) - Turritopsis Dohrnii Teo En Ming**

Bigo Awards Gala 20202020 at Capitol Theatre 15 Jan 2020 Wed (Photos taken with Huawei Mate 10)

Photo Gallery 1 of 1 (163 photos): [1]https://m.facebook.com/story.ph p?story _fbid=10156498825137735 &id=646397734

1. https://m.facebook.com/story.php?story_fbid=10156498825137735&id=646397734

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Bigo Awards Gala 20202020 at Capitol Theatre 15 Jan 2020 Wed (4K video taken with Huawei Mate 10) (2020-01-15 23:04) - Turritopsis Dohrnii Teo En Ming

Bigo Awards Gala 20202020 at Capitol Theatre 15 Jan 2020 Wed (4K video taken with Huawei Mate 10)

Link: [1]https://www.youtube.com/watch?v=tY605IETQak

1. `https://www.youtube.com/watch?v=tY605IETQak`

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(I really wish to live for another 500 years) (2020-01-13 22:50) - Turritopsis Dohrnii Teo En Ming

(I really wish to live for another 500 years)

[YOUTUBE] The Era of Emperor Kangxi Episode 1

Link: [1]https://www.youtube.com/watch?v= _rA9r7QHPig

1. `https://www.youtube.com/watch?v=_rA9r7QHPig`

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Rare Beauty Thai Model Jenny (Photos taken with Panasonic FZ1000 Mark 2 bridge camera)

(2020-01-13 22:44) - Turritopsis Dohrnii Teo En Ming

Rare Beauty Thai Model Jenny (Photos taken with Panasonic FZ1000 Mark 2 bridge camera)

Photo Gallery 1 of 5 (434 photos): [1]https://m.facebook.com/story.ph p?story _fbid=10156493937607735 &id=646397734

Photo Gallery 2 of 5 (432 photos): [2]https://m.facebook.com/story.ph p?story _fbid=10156493991612735 &id=646397734

Photo Gallery 3 of 5 (427 photos): [3]https://m.facebook.com/story.ph p?story _fbid=10156494029167735 &id=646397734

Photo Gallery 4 of 5 (429 photos): [4]https://m.facebook.com/story.ph p?story _fbid=10156494087107735 &id=646397734

Photo Gallery 5 of 5 (234 photos): [5]https://m.facebook.com/story.ph p?story _fbid=10156494122047735 &id=646397734

1. `https://m.facebook.com/story.php?story_fbid=10156493937607735&id=646397734`
2. `https://m.facebook.com/story.php?story_fbid=10156493991612735&id=646397734`
3. `https://m.facebook.com/story.php?story_fbid=10156494029167735&id=646397734`
4. `https://m.facebook.com/story.php?story_fbid=10156494087107735&id=646397734`
5. `https://m.facebook.com/story.php?story_fbid=10156494122047735&id=646397734`

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Show Girls of Singapore Motor Show 2020 Sunday (Photos taken with Panasonic FZ1000 Mark 2 bridge camera) (2020-01-13 00:05) - Turritopsis Dohrnii Teo En Ming

Show Girls of Singapore Motor Show 2020 Sunday (Photos taken with Panasonic FZ1000 Mark 2 bridge camera)

Photo Gallery 1 of 2 (570 photos): [1]https://m.facebook.com/story.ph p?story _fbid=10156491722582735 &id=646397734

Photo Gallery 2 of 2 (547 photos): [2]https://m.facebook.com/story.ph p?story _fbid=10156491775737735 &id=646397734

1. https://m.facebook.com/story.php?story_fbid=10156491722582735&id=646397734
2. https://m.facebook.com/story.php?story_fbid=10156491775737735&id=646397734

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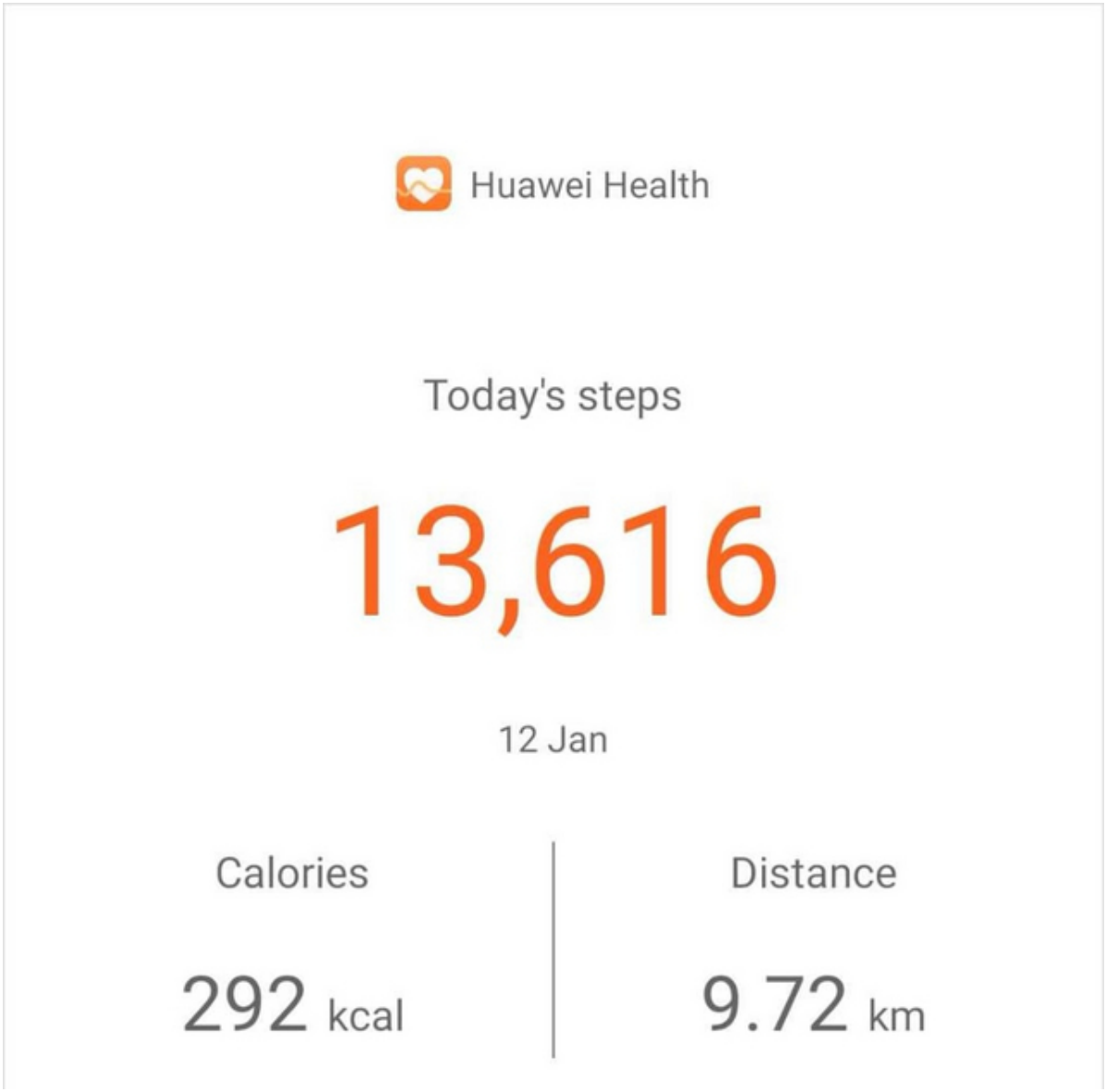
[EXERCISE RECORDS] I walked almost 10 KM at Singapore Motor Show 2020 (Sunday)
(2020-01-12 23:00) - Turritopsis Dohrnii Teo En Ming

[EXERCISE RECORDS] I walked almost 10 KM at Singapore Motor Show 2020 (Sunday)



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Show Girls of Singapore Motor Show 2020 Sunday (4K video taken with Panasonic FZ1000 Mark 2 bridge camera) (2020-01-12 22:56) - Turritopsis Dohrnii Teo En Ming

Show Girls of Singapore Motor Show 2020 Sunday (4K video taken with Panasonic FZ1000 Mark 2 bridge camera)

Link: [1]https://www.youtube.com/watch?v=i6dp62EEPA8

1. `https://www.youtube.com/watch?v=i6dp62EEPA8`

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Singapore Citizen Mr. Teo En Ming's Refugee Seeking Attempts as at 9 Jan 2020 Thursday

(2020-01-12 09:29) - Turritopsis Dohrnii Teo En Ming

SUBJECT: Singapore Citizen Mr. Teo En Ming's Refugee Seeking Attempts as at 9 Jan 2020 Thursday

In reverse chronological order:

[1] Application for Offshore Refugee/Humanitarian Visa to Australia, 25 Dec 2019 (Christmas) to 9 Jan 2020

Photo #1: Page 1 of Form 842 Application for an Offshore Humanitarian visa, Refugee and Humanitarian (Class XB) visa

Photo #2: Front of DHL Express plastic envelope (yellow)

Photo #3: Back of DHL Express plastic envelope (white)

Photo #4: DHL Express Shipment Waybill

Photo #5: DHL Express Shipment Tracking Online Page, showing that my application for offshore refugee visa to Australia
was picked up at 1619 hours on 25 Dec 2019 in Singapore and delivered to Canberra - Braddon - Australia
on 30 Dec 2019 at 11:10 AM Braddon, Australian Capital Territory (ACT) Time

Photo #6: DHL Express Electronic Proof of Delivery, showing that my application for offshore refugee visa to Australia
was received and signed by staff Mohsin Mahmood at the Special Humanitarian Processing Center,
3 Lonsdale Street, Braddon, Australian Capital Territory (ACT) 2612, Canberra, Australia.

Photo #7: Page 5 of Form 842 Application for an Offshore Humanitarian visa, Refugee and Humanitarian (Class XB) visa, bearing the
official stamp of the Australian Government Department of Home Affairs at New South Wales (NSW):
"COURIER RECEIVED; HOME AFFAIRS; NSW; 27 DEC 2019" and
"HOME AFFAIRS; NSW; 27 DEC 2019" at the bottom.

References:

For the above-mentioned seven photos, please refer to my RAID 1 mirroring redundant Blogger and Wordpress blogs at

[1]https://tdtemcerts.blogspot.sg/

[2]https://tdtemcerts.wordpress.com/

[2] Petition to the Government of Taiwan for Refugee Status, 5th August 2019 Monday

Photo #1: At the building of the National Immigration Agency, Ministry

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of the Interior, Taipei, Taiwan, 5th August 2019

Photo #2: Queue ticket no. 515 at the National Immigration Agency, Ministry of the Interior, Taipei, Taiwan, 5th August 2019

Photo #3: Submission of documents/petition to the National Immigration Agency, Ministry of the Interior, Taipei, Taiwan, 5th August 2019

Photos #4 and #5: Acknowledgement of Receipt (no. 03142) for the submission of documents/petition from the National Immigration Agency, Ministry of the Interior, Taipei, Taiwan, 5th August 2019, 10:00 AM

References:

(a) Petition to the Government of Taiwan for Refugee Status, 5th August 2019 Monday (Blogger blog)

Link: [3]https://tdtemcerts.blogspot.sg/2019/08/petition-to-government-of-taiwan-for.html

(b) Petition to the Government of Taiwan for Refugee Status, 5th August 2019 Monday (Wordpress blog)

Link: [4]https://tdtemcerts.wordpress.com/2019/08/23/petition-to-the-government-of-taiwan-for-refugee-status/

[3] Application for Refugee Status at the United Nations High Commissioner for Refugees (UNHCR), Bangkok, Thailand, 21st March 2017 Tuesday

References:

(a) [YOUTUBE] Vlog: The Road to Application for Refugee Status at the United Nations High Commissioner for Refugees (UNHCR), Bangkok

Link: [5]https://www.youtube.com/watch?v=utpuAa1eUNI

YouTube video Published on March 22nd, 2017

Views as at 9 Jan 2020: 659

YouTube Channel: Turritopsis Dohrnii Teo En Ming
Subscribers as at 9 Jan 2020: 3.14K
Link: [6]https://www.youtube.com/channel/UC__F2hzlqNEEGx-IXxQi3hA

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REFERENCES:

[1] [7]https://lkml.org/lkml/2020/1/9/598

[2] [8]http://lkml.iu.edu/hypermail/linux/kernel/2001.1/01855.html

[3]
[9]http://lists.linuxfromscratch.org/pipermail/lfs-chat/2020-January/029067.htm
l

[4] [10]https://marc.info/?l=linux-alpha&m=157858381631465&w=2

[5] [11]https://marc.info/?l=linux-m68k&m=157858403931536&w=2

[6] [12]https://marc.info/?l=linux-wireless&m=157858418731600&w=2

[7]
[13]https://lore.kernel.org/bpf/KU1PR01MB2134DC143E5182FDCB19FC3087390@KU1PR01M
B2134.apcprd01.prod.exchangelabs.com/T/#u

[8]
[14]https://lore.kernel.org/io-uring/KU1PR01MB21348EE55C12EDDCBAC58ABE87390@KU1
PR01MB2134.apcprd01.prod.exchangelabs.com/T/#u

[9]
[15]https://lore.kernel.org/linux-mips/KU1PR01MB2134C81B03A25383C17B566687390@K
U1PR01MB2134.apcprd01.prod.exchangelabs.com/T/#u

[10]
[16]https://lore.kernel.org/linux-trace-devel/KU1PR01MB21341F5BEAFEB83940758B63
87390@KU1PR01MB2134.apcprd01.prod.exchangelabs.com/T/#u

[11]
[17]https://lore.kernel.org/linux-trace-users/SG2PR01MB21415CA68CB67E9B5C3783D3
87390@SG2PR01MB2141.apcprd01.prod.exchangelabs.com/T/#u

[12]
[18]https://lore.kernel.org/netdev/SG2PR01MB2141C9502536C2F56B7E591487390@SG2PR
01MB2141.apcprd01.prod.exchangelabs.com/T/#u

[13]
[19]https://lore.kernel.org/selinux-refpolicy/SG2PR01MB21412ACB6478A5220F0882DC
87390@SG2PR01MB2141.apcprd01.prod.exchangelabs.com/T/#u

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[14]
[20]https://lore.kernel.org/selinux/SG2PR01MB21412D23093AC0A76635B48287390@SG2P
R01MB2141.apcprd01.prod.exchangelabs.com/T/#u

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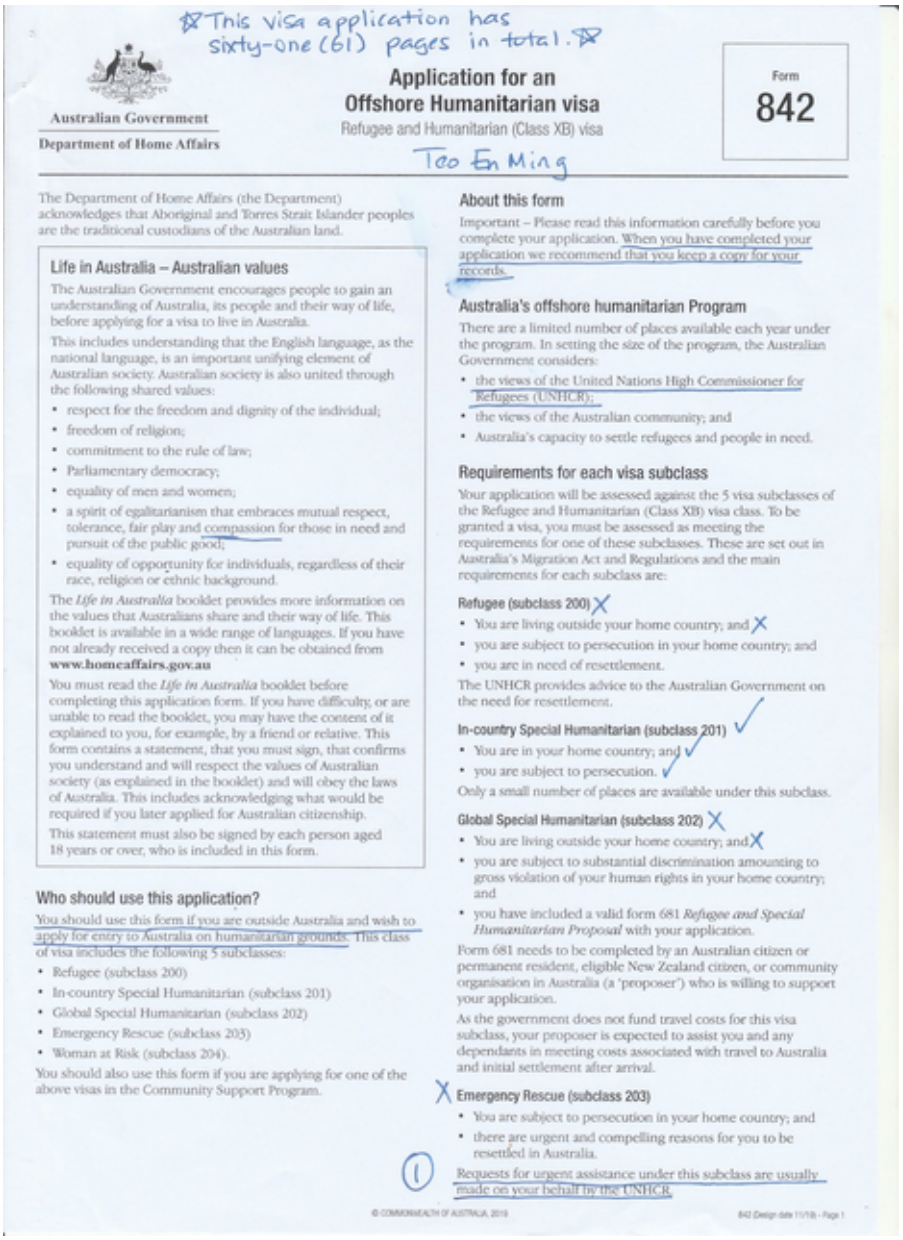

☆This visa application has sixty-one (61) pages in total.☆

Australian Government
Department of Home Affairs

Application for an Offshore Humanitarian visa

Refugee and Humanitarian (Class XB) visa

Too En Ming

Form 842

The Department of Home Affairs (the Department) acknowledges that Aboriginal and Torres Strait Islander peoples are the traditional custodians of the Australian land.

Life in Australia – Australian values

The Australian Government encourages people to gain an understanding of Australia, its people and their way of life, before applying for a visa to live in Australia.

This includes understanding that the English language, as the national language, is an important unifying element of Australian society. Australian society is also united through the following shared values:

- respect for the freedom and dignity of the individual;
- freedom of religion;
- commitment to the rule of law;
- Parliamentary democracy;
- equality of men and women;
- a spirit of egalitarianism that embraces mutual respect, tolerance, fair play and compassion for those in need and pursuit of the public good;
- equality of opportunity for individuals, regardless of their race, religion or ethnic background.

The *Life in Australia* booklet provides more information on the values that Australians share and their way of life. This booklet is available in a wide range of languages. If you have not already received a copy then it can be obtained from **www.homeaffairs.gov.au**

You must read the *Life in Australia* booklet before completing this application form. If you have difficulty, or are unable to read the booklet, you may have the content of it explained to you, for example, by a friend or relative. This form contains a statement, that you must sign, that confirms you understand and will respect the values of Australian society (as explained in the booklet) and will obey the laws of Australia. This includes acknowledging what would be required if you later applied for Australian citizenship.

This statement must also be signed by each person aged 18 years or over, who is included in this form.

Who should use this application?

You should use this form if you are outside Australia and wish to apply for entry to Australia on humanitarian grounds. This class of visa includes the following 5 subclasses:

- Refugee (subclass 200)
- In-country Special Humanitarian (subclass 201)
- Global Special Humanitarian (subclass 202)
- Emergency Rescue (subclass 203)
- Woman at Risk (subclass 204).

You should also use this form if you are applying for one of the above visas in the Community Support Program.

About this form

Important – Please read this information carefully before you complete your application. When you have completed your application we recommend that you keep a copy for your records.

Australia's offshore humanitarian Program

There are a limited number of places available each year under the program. In setting the size of the program, the Australian Government considers:

- the views of the United Nations High Commissioner for Refugees (UNHCR);
- the views of the Australian community; and
- Australia's capacity to settle refugees and people in need.

Requirements for each visa subclass

Your application will be assessed against the 5 visa subclasses of the Refugee and Humanitarian (Class XB) visa class. To be granted a visa, you must be assessed as meeting the requirements for one of these subclasses. These are set out in Australia's Migration Act and Regulations and the main requirements for each subclass are:

Refugee (subclass 200) X

- You are living outside your home country; and X
- you are subject to persecution in your home country; and
- you are in need of resettlement.

The UNHCR provides advice to the Australian Government on the need for resettlement.

In-country Special Humanitarian (subclass 201) ✓

- You are in your home country; and ✓
- you are subject to persecution. ✓

Only a small number of places are available under this subclass.

Global Special Humanitarian (subclass 202) X

- You are living outside your home country; and X
- you are subject to substantial discrimination amounting to gross violation of your human rights in your home country; and
- you have included a valid form 681 *Refugee and Special Humanitarian Proposal* with your application.

Form 681 needs to be completed by an Australian citizen or permanent resident, eligible New Zealand citizen, or community organisation in Australia (a 'proposer') who is willing to support your application.

As the government does not fund travel costs for this visa subclass, your proposer is expected to assist you and any dependants in meeting costs associated with travel to Australia and initial settlement after arrival.

X **Emergency Rescue (subclass 203)**

- You are subject to persecution in your home country; and
- there are urgent and compelling reasons for you to be resettled in Australia.

Requests for urgent assistance under this subclass are usually made on your behalf by the UNHCR.

(1)

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842 Design date 11/18 - Page 1

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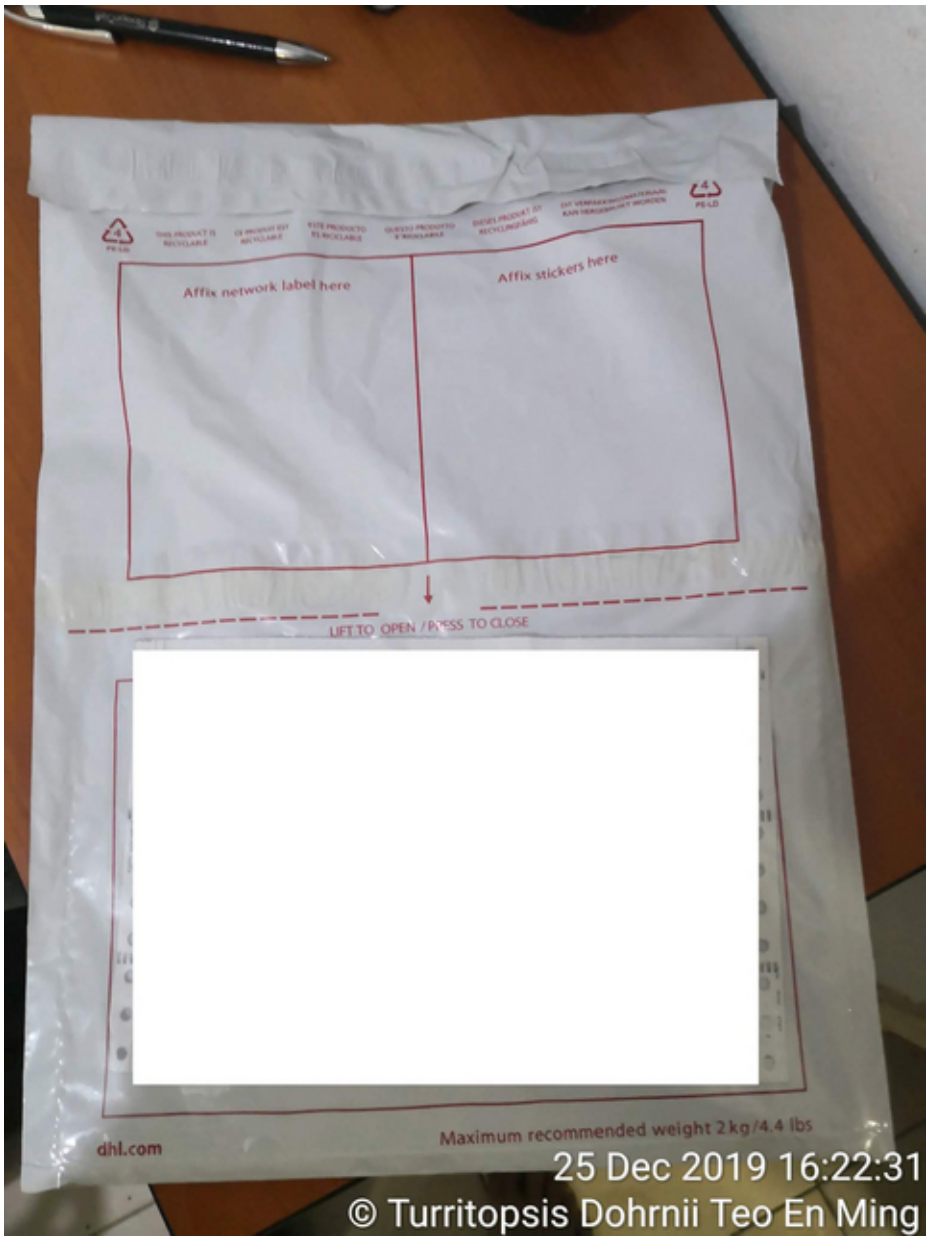

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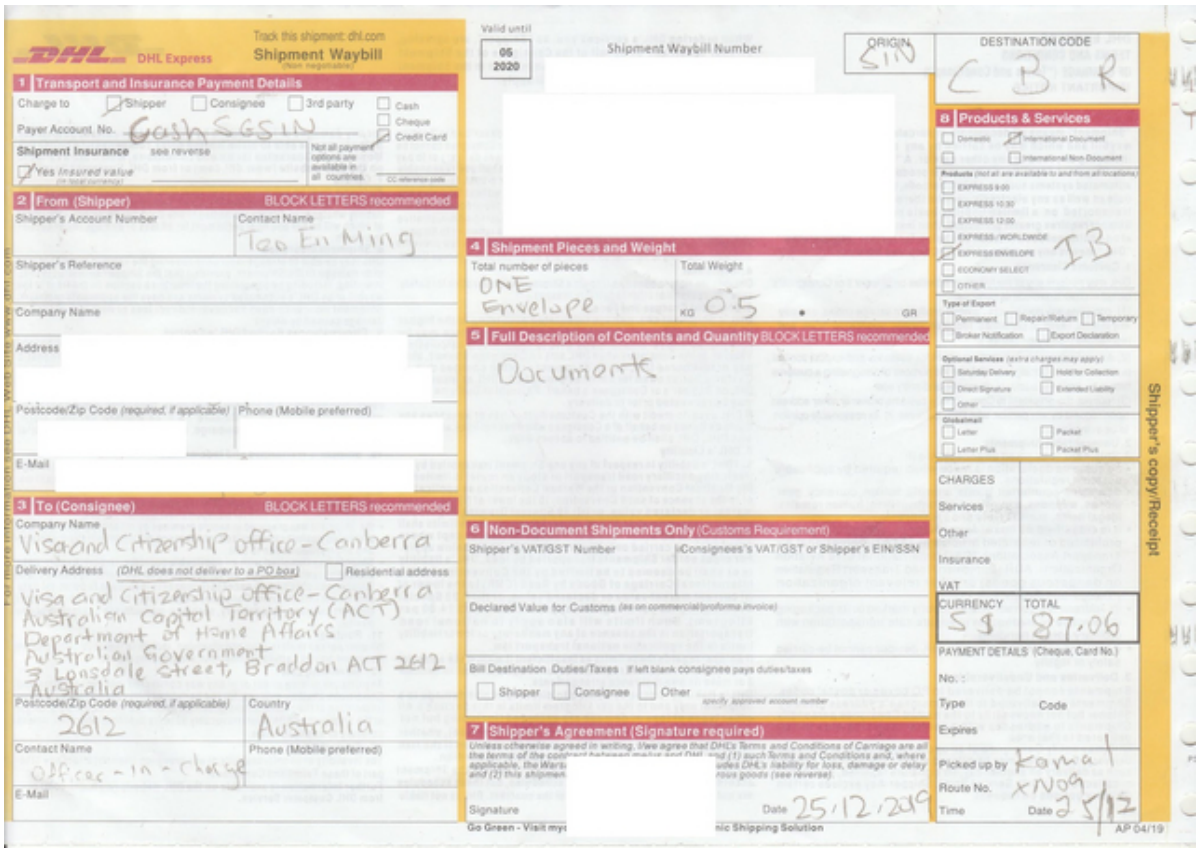

DHL Express

Track this shipment: dhl.com

Shipment Waybill

Valid until 05 2020

Shipment Waybill Number

ORIGIN SIN

DESTINATION CODE C B R

1 Transport and Insurance Payment Details

Charge to: Shipper / Consignee / 3rd party

Payer Account No. Cash SGSIN

Cash / Cheque / Credit Card

Shipment Insurance see reverse

Yes Insured value

2 From (Shipper) BLOCK LETTERS recommended

Shipper's Account Number

Contact Name Tee En Ming

Shipper's Reference

Company Name

Address

Postcode/Zip Code (required, if applicable)

Phone (Mobile preferred)

E-Mail

3 To (Consignee) BLOCK LETTERS recommended

Company Name Visa and Citizenship office - Canberra

Delivery Address (DHL does not deliver to a PO box) Residential address

Visa and Citizenship office - Canberra
Australian Capital Territory (ACT)
Department of Home Affairs
Australian Government
3 Lonsdale Street, Braddon ACT 2612
Australia

Postcode/Zip Code (required, if applicable) 2612

Country Australia

Contact Name Officer - in - charge

Phone (Mobile preferred)

E-Mail

4 Shipment Pieces and Weight

Total number of pieces ONE Envelope

Total Weight KG 0.5 GR

5 Full Description of Contents and Quantity BLOCK LETTERS recommended

Documents

6 Non-Document Shipments Only (Customs Requirement)

Shipper's VAT/GST Number

Consignees's VAT/GST or Shipper's EIN/SSN

Declared Value for Customs (as on commercial/proforma invoice)

Bill Destination Duties/Taxes If left blank consignee pays duties/taxes

Shipper / Consignee / Other

specify approved account number

7 Shipper's Agreement (Signature required)

Unless otherwise agreed in writing, I/we agree that DHL's Terms and Conditions of Carriage are all the terms of the contract between me/us and DHL and (1) such Terms and Conditions and, where applicable, the Warsaw Convention, limit and/or exclude DHL's liability for loss, damage or delay and (2) this shipment does not contain dangerous goods (see reverse).

Signature

Date 25/12/2019

Go Green - Visit my... nic Shipping Solution

8 Products & Services

Domestic / International Document / International Non Document

Products (Not all are available to and from all locations)

EXPRESS 9:00 / EXPRESS 10:30 / EXPRESS 12:00 / EXPRESS WORLDWIDE / EXPRESS ENVELOPE IB / ECONOMY SELECT / OTHER

Type of Export: Permanent / Repair/Return / Temporary / Broker Notification / Export Declaration

Optional Services (extra charges may apply): Saturday Delivery / Hold for Collection / Direct Signature / Extended Liability / Other

Globalmail: Letter / Packet / Letter Plus / Packet Plus

CHARGES

Services

Other

Insurance

VAT

CURRENCY S $ TOTAL 87.06

PAYMENT DETAILS (Cheque, Card No.)

No. :

Type Code

Expires

Picked up by Kamal

Route No. XNO9

Time Date 25/12

Shipper's copy/Receipt

AP 04/19

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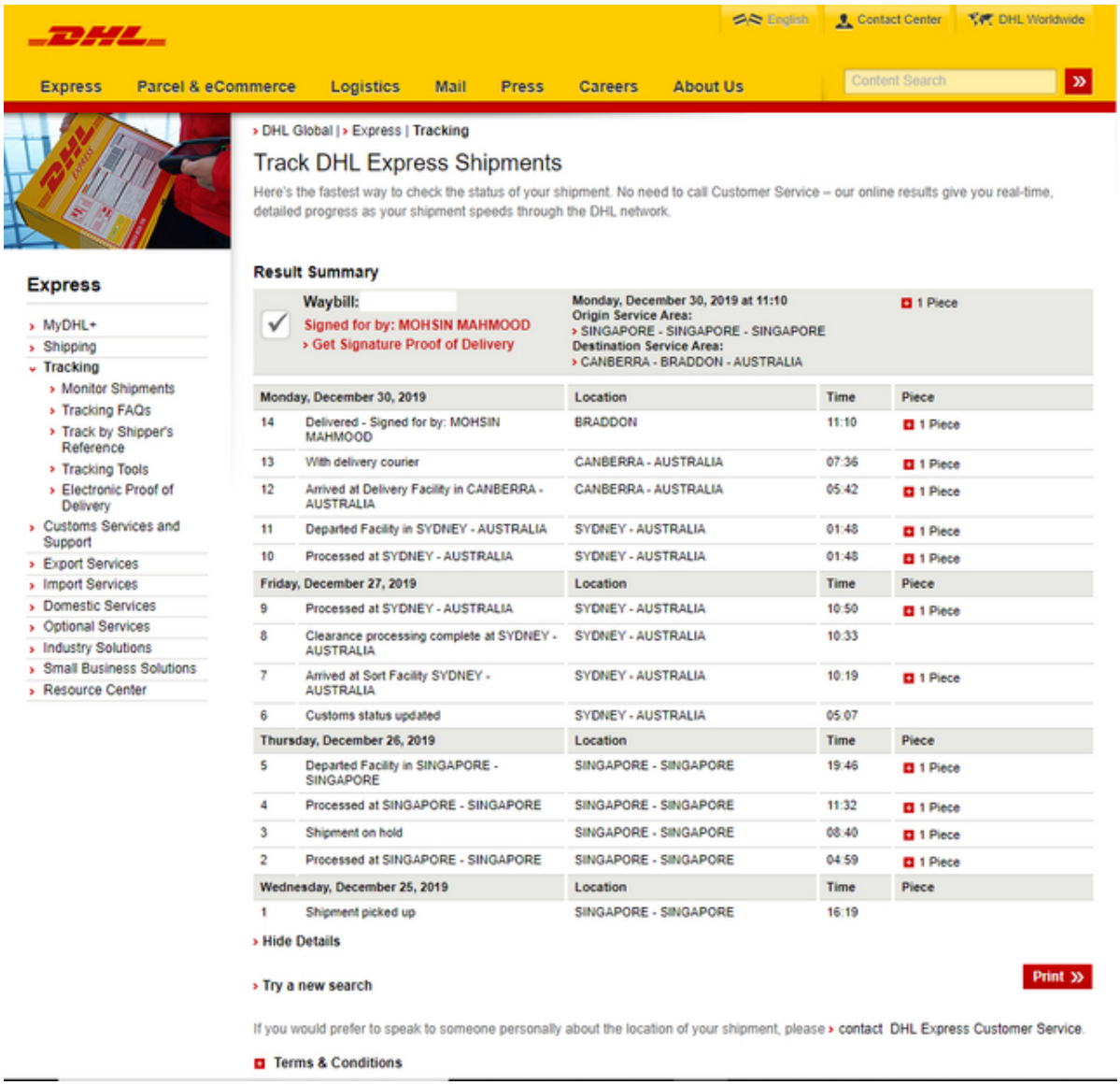
English
Contact Center
DHL Worldwide
Express
Parcel & eCommerce
Logistics
Mail
Press
Careers
About Us
Content Search
› DHL Global | › Express | Tracking
Track DHL Express Shipments
Here's the fastest way to check the status of your shipment. No need to call Customer Service – our online results give you real-time, detailed progress as your shipment speeds through the DHL network.
Express
› MyDHL+
› Shipping
› Tracking
› Monitor Shipments
› Tracking FAQs
› Track by Shipper's Reference
› Tracking Tools
› Electronic Proof of Delivery
› Customs Services and Support
› Export Services
› Import Services
› Domestic Services
› Optional Services
› Industry Solutions
› Small Business Solutions
› Resource Center
Result Summary
Waybill:
Signed for by: MOHSIN MAHMOOD
› Get Signature Proof of Delivery
Monday, December 30, 2019 at 11:10
Origin Service Area:
› SINGAPORE - SINGAPORE - SINGAPORE
Destination Service Area:
› CANBERRA - BRADDON - AUSTRALIA
1 Piece
Monday, December 30, 2019 | Location | Time | Piece
14 Delivered - Signed for by: MOHSIN MAHMOOD | BRADDON | 11:10 | 1 Piece
13 With delivery courier | CANBERRA - AUSTRALIA | 07:36 | 1 Piece
12 Arrived at Delivery Facility in CANBERRA - AUSTRALIA | CANBERRA - AUSTRALIA | 05:42 | 1 Piece
11 Departed Facility in SYDNEY - AUSTRALIA | SYDNEY - AUSTRALIA | 01:48 | 1 Piece
10 Processed at SYDNEY - AUSTRALIA | SYDNEY - AUSTRALIA | 01:48 | 1 Piece
Friday, December 27, 2019 | Location | Time | Piece
9 Processed at SYDNEY - AUSTRALIA | SYDNEY - AUSTRALIA | 10:50 | 1 Piece
8 Clearance processing complete at SYDNEY - AUSTRALIA | SYDNEY - AUSTRALIA | 10:33
7 Arrived at Sort Facility SYDNEY - AUSTRALIA | SYDNEY - AUSTRALIA | 10:19 | 1 Piece
6 Customs status updated | SYDNEY - AUSTRALIA | 05:07
Thursday, December 26, 2019 | Location | Time | Piece
5 Departed Facility in SINGAPORE - SINGAPORE | SINGAPORE - SINGAPORE | 19:46 | 1 Piece
4 Processed at SINGAPORE - SINGAPORE | SINGAPORE - SINGAPORE | 11:32 | 1 Piece
3 Shipment on hold | SINGAPORE - SINGAPORE | 08:40 | 1 Piece
2 Processed at SINGAPORE - SINGAPORE | SINGAPORE - SINGAPORE | 04:59 | 1 Piece
Wednesday, December 25, 2019 | Location | Time | Piece
1 Shipment picked up | SINGAPORE - SINGAPORE | 16:19
› Hide Details
› Try a new search
Print
If you would prefer to speak to someone personally about the location of your shipment, please › contact DHL Express Customer Service.
Terms & Conditions

30 December 2019

Dear Customer,

This is a proof of delivery / statement of final status for the shipment with waybill number .

Thank you for choosing DHL Express.

www.dhl.com

Your shipment was delivered on 30 December 2019 at 11.10

Signed	MOHSIN MAHMOOD	**Destination Service Area**	CANBERRA AUSTRALIA
Signature		**Shipment Status**	Delivered
		Piece ID(s)	

Additional Shipment Details

Service	EXPRESS WORLDWIDE doc	**Origin Service Area**	SINGAPORE SINGAPORE
Picked Up	25 December 2019 at 16.20		

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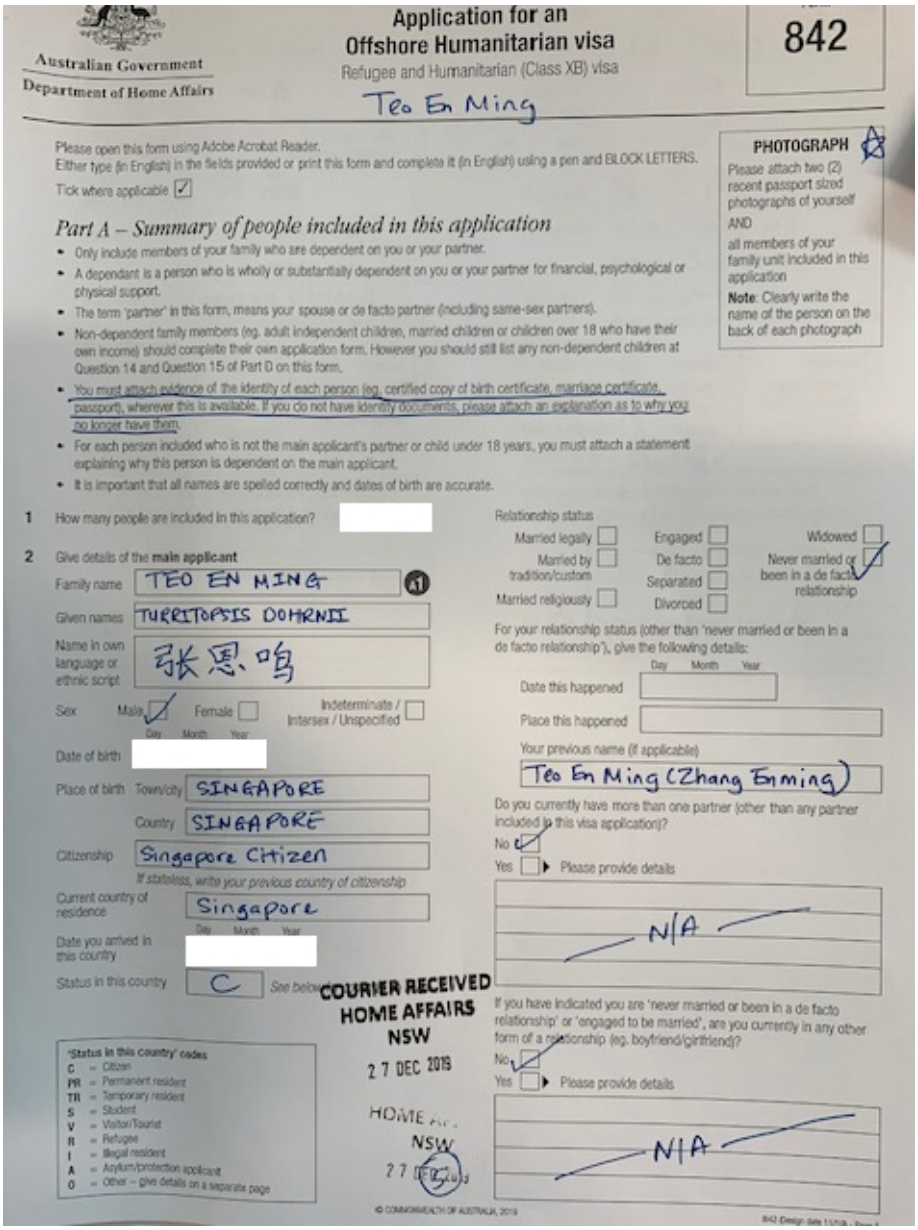

Australian Government
Department of Home Affairs

Application for an Offshore Humanitarian visa
Refugee and Humanitarian (Class XB) visa

842

Teo En Ming

Please open this form using Adobe Acrobat Reader.
Either type (in English) in the fields provided or print this form and complete it (in English) using a pen and BLOCK LETTERS.
Tick where applicable ☑

PHOTOGRAPH
Please attach two (2) recent passport sized photographs of yourself
AND
all members of your family unit included in this application
Note: Clearly write the name of the person on the back of each photograph

Part A – Summary of people included in this application

- Only include members of your family who are dependent on you or your partner.
- A dependant is a person who is wholly or substantially dependent on you or your partner for financial, psychological or physical support.
- The term 'partner' in this form, means your spouse or de facto partner (including same-sex partners).
- Non-dependent family members (eg. adult independent children, married children or children over 18 who have their own income) should complete their own application form. However you should still list any non-dependent children at Question 14 and Question 15 of Part D on this form.
- You must attach evidence of the identity of each person (eg. certified copy of birth certificate, marriage certificate, passport), wherever this is available. If you do not have identity documents, please attach an explanation as to why you no longer have them.
- For each person included who is not the main applicant's partner or child under 18 years, you must attach a statement explaining why this person is dependent on the main applicant.
- It is important that all names are spelled correctly and dates of birth are accurate.

1 How many people are included in this application?

2 Give details of the **main applicant**

Family name: TEO EN MING (1)
Given names: TURRITOPSIS DOHRNII
Name in own language or ethnic script: 张恩鸣
Sex: Male ☑ Female ☐ Indeterminate / Intersex / Unspecified ☐
Date of birth:
Place of birth: Town/city SINGAPORE; Country SINGAPORE
Citizenship: Singapore Citizen
If stateless, write your previous country of citizenship
Current country of residence: Singapore
Date you arrived in this country:
Status in this country: C See below

'Status in this country' codes
C = Citizen
PR = Permanent resident
TR = Temporary resident
S = Student
V = Visitor/Tourist
R = Refugee
I = Illegal resident
A = Asylum/protection applicant
O = Other – give details on a separate page

COURIER RECEIVED
HOME AFFAIRS
NSW
27 DEC 2019

Relationship status
Married legally ☐ Engaged ☐ Widowed ☐
Married by tradition/custom ☐ De facto ☐ Never married or been in a de facto relationship ☑
Married religiously ☐ Separated ☐ Divorced ☐

For your relationship status (other than 'never married or been in a de facto relationship'), give the following details:
Date this happened (Day Month Year)
Place this happened
Your previous name (if applicable): Teo En Ming (Zhang Enming)

Do you currently have more than one partner (other than any partner included in this visa application)?
No ☑ Yes ☐ Please provide details: N/A

If you have indicated you are 'never married or been in a de facto relationship' or 'engaged to be married', are you currently in any other form of a relationship (eg. boyfriend/girlfriend)?
No ☑ Yes ☐ Please provide details: N/A

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1. https://tdtemcerts.blogspot.sg/
2. https://tdtemcerts.wordpress.com/
3. https://tdtemcerts.blogspot.sg/2019/08/petition-to-government-of-taiwan-for.html
4. https://tdtemcerts.wordpress.com/2019/08/23/petition-to-the-government-of-taiwan-for-refugee-status/
5. https://www.youtube.com/watch?v=utpuAa1eUNI
6. https://www.youtube.com/channel/UC__F2hzlqNEEGx-IXxQi3hA
7. https://lkml.org/lkml/2020/1/9/598
8. http://lkml.iu.edu/hypermail/linux/kernel/2001.1/01855.html
9. http://lists.linuxfromscratch.org/pipermail/lfs-chat/2020-January/029067.html
10. https://marc.info/?l=linux-alpha&m=157858381631465&w=2
11. https://marc.info/?l=linux-m68k&m=157858403931536&w=2
12. https://marc.info/?l=linux-wireless&m=157858418731600&w=2
13. https://lore.kernel.org/bpf/KU1PR01MB2134DC143E5182FDCB19FC3087390@KU1PR01MB2134.apcprd01.prod.exchangelabs.com/T/#u
14. https://lore.kernel.org/io-uring/KU1PR01MB21348EE55C12EDDCBAC58ABE87390@KU1PR01MB2134.apcprd01.prod.ex

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changelabs.com/T/#u

15. https://lore.kernel.org/linux-mips/KU1PR01MB2134C81B03A25383C17B566687390@KU1PR01MB2134.apcprd01.prod.exchangelabs.com/T/#u

16. https://lore.kernel.org/linux-trace-devel/KU1PR01MB21341F5BEAFEB83940758B6387390@KU1PR01MB2134.apcprd01.prod.exchangelabs.com/T/#u

17. https://lore.kernel.org/linux-trace-users/SG2PR01MB21415CA68CB67E9B5C3783D387390@SG2PR01MB2141.apcprd01.prod.exchangelabs.com/T/#u

18. https://lore.kernel.org/netdev/SG2PR01MB2141C9502536C2F56B7E591487390@SG2PR01MB2141.apcprd01.prod.exchangelabs.com/T/#u

19. https://lore.kernel.org/selinux-refpolicy/SG2PR01MB21412ACB6478A5220F0882DC87390@SG2PR01MB2141.apcprd01.prod.exchangelabs.com/T/#u

20. https://lore.kernel.org/selinux/SG2PR01MB21412D23093AC0A76635B48287390@SG2PR01MB2141.apcprd01.prod.exchangelabs.com/T/#u

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[EXERCISE RECORDS] I walked almost 17 KM at Singapore Motor Show 2020 (Saturday)
(2020-01-12 00:28) - Turritopsis Dohrnii Teo En Ming

[EXERCISE RECORDS] I walked almost 17 KM at Singapore Motor Show 2020 (Saturday)

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Show Girls of Singapore Motor Show 2020 Saturday (Photos taken with Panasonic FZ1000 Mark 2 bridge camera) (2020-01-12 00:24) - Turritopsis Dohrnii Teo En Ming

Show Girls of Singapore Motor Show 2020 Saturday (Photos taken with Panasonic FZ1000 Mark 2 bridge camera)

Photo Gallery 1 of 1 (452 photos): [1]https://m.facebook.com/story.ph p?story _fbid=10156489414252735 &id=646397734

1. https://m.facebook.com/story.php?story_fbid=10156489414252735&id=646397734

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Felicia Chin at Singapore Motor Show 2020 Saturday (4K video taken with Panasonic FZ1000 Mark 2 bridge camera) (2020-01-12 00:18) - Turritopsis Dohrnii Teo En Ming

Felicia Chin at Singapore Motor Show 2020 Saturday (4K video taken with Panasonic FZ1000 Mark 2 bridge camera)

Link: [1]https://www.youtube.com/watch?v=usUij4hD _lg

1. `https://www.youtube.com/watch?v=usUij4hD_lg`

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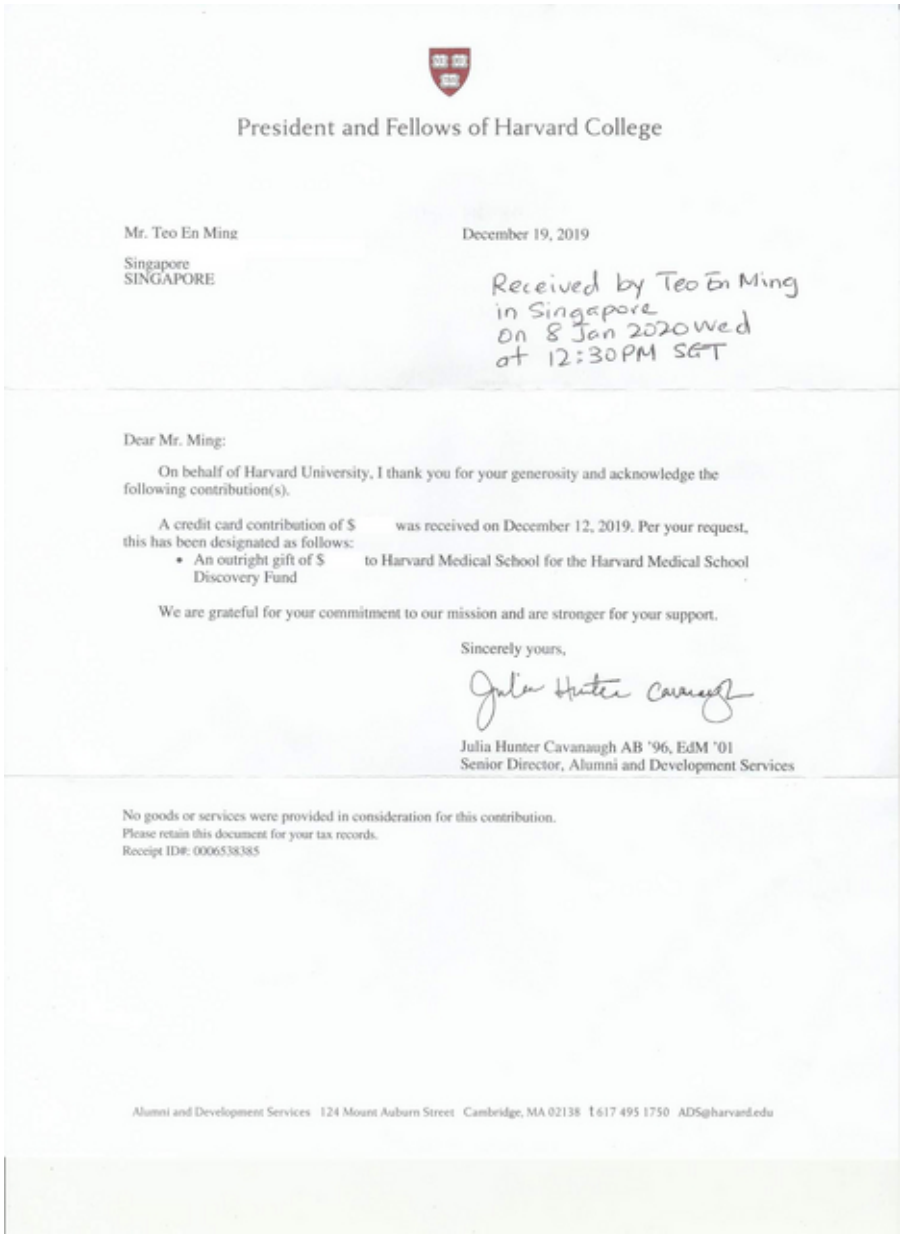
Letter from Harvard University dated 19 Dec 2019 (2020-01-08 21:49) - Turritopsis Dohrnii Teo En Ming



President and Fellows of Harvard College

Mr. Teo En Ming

Singapore
SINGAPORE

December 19, 2019

Received by Teo En Ming
in Singapore
on 8 Jan 2020 Wed
at 12:30PM SGT

Dear Mr. Ming:

On behalf of Harvard University, I thank you for your generosity and acknowledge the following contribution(s).

A credit card contribution of $ was received on December 12, 2019. Per your request, this has been designated as follows:

- An outright gift of $ to Harvard Medical School for the Harvard Medical School Discovery Fund

We are grateful for your commitment to our mission and are stronger for your support.

Sincerely yours,

Julia Hunter Cavanaugh

Julia Hunter Cavanaugh AB '96, EdM '01
Senior Director, Alumni and Development Services

No goods or services were provided in consideration for this contribution.
Please retain this document for your tax records.
Receipt ID#: 0006538385

Alumni and Development Services 124 Mount Auburn Street Cambridge, MA 02138 t 617 495 1750 ADS@harvard.edu

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Letter from Harvard Medical School dated 19 Dec 2019 (2020-01-08 21:34) - Turritopsis Dohrnii Teo En Ming

HARVARD
MEDICAL SCHOOL

ALUMNI AFFAIRS AND DEVELOPMENT
Harvard Medical School
401 Park Drive, Suite 505
Boston, MA 02215
T 617.384.8500 F 617.384.8488
hms.harvard.edu/giving

Received by Teo En Ming
in Singapore
on 8 Jan 2020 Wed
at 12:30PM SGT

December 19, 2019

Mr. Teo En Ming

Singapore
SINGAPORE

Dear Mr. Ming,

Thank you for your gift of $ to Harvard Medical School.

Your contribution to the Harvard Medical School Discovery Fund allows HMS to convene interdisciplinary teams to probe fundamental questions in human biology, characterize biological pathways, and unlock the mechanisms of disease.

Harvard Medical School relies on the generosity of donors like you. Thank you for your partnership and support.

Sincerely,

Beth M. MacGillivray
Executive Director of Development and Alumni Relations

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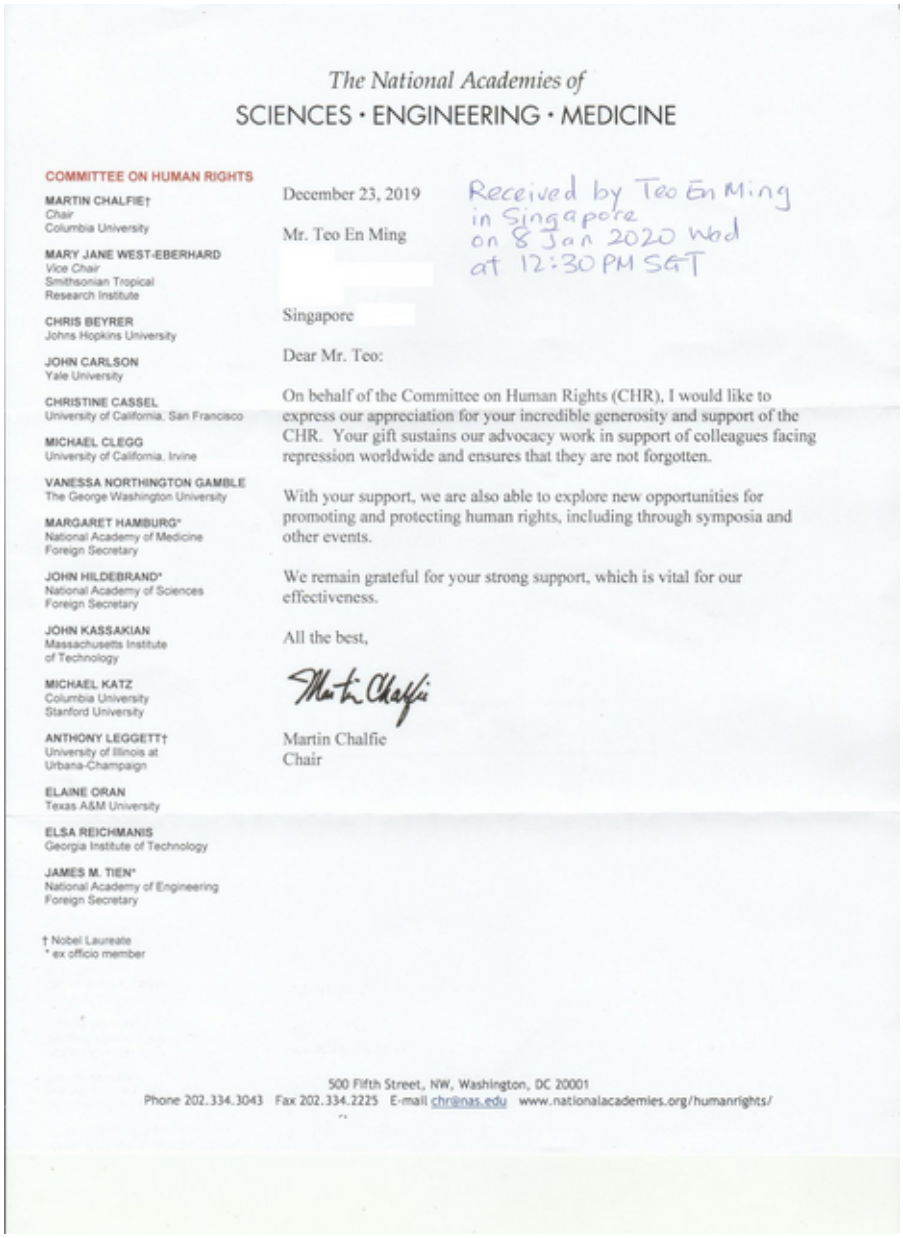
Letter from National Academy of Sciences Committee on Human Rights dated 23 Dec 2019

(2020-01-08 21:24) - Turritopsis Dohrnii Teo En Ming



The National Academies of
SCIENCES · ENGINEERING · MEDICINE

COMMITTEE ON HUMAN RIGHTS

MARTIN CHALFIE†
Chair
Columbia University

MARY JANE WEST-EBERHARD
Vice Chair
Smithsonian Tropical Research Institute

CHRIS BEYRER
Johns Hopkins University

JOHN CARLSON
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ELAINE ORAN
Texas A&M University

ELSA REICHMANIS
Georgia Institute of Technology

JAMES M. TIEN*
National Academy of Engineering
Foreign Secretary

† Nobel Laureate
* ex officio member

December 23, 2019

Received by Teo En Ming in Singapore on 8 Jan 2020 Wed at 12:30 PM SGT

Mr. Teo En Ming

Singapore

Dear Mr. Teo:

On behalf of the Committee on Human Rights (CHR), I would like to express our appreciation for your incredible generosity and support of the CHR. Your gift sustains our advocacy work in support of colleagues facing repression worldwide and ensures that they are not forgotten.

With your support, we are also able to explore new opportunities for promoting and protecting human rights, including through symposia and other events.

We remain grateful for your strong support, which is vital for our effectiveness.

All the best,

Martin Chalfie
Chair

500 Fifth Street, NW, Washington, DC 20001
Phone 202.334.3043 Fax 202.334.2225 E-mail chr@nas.edu www.nationalacademies.org/humanrights/

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EOY 2019 Japanese Culture Festival 2019 Photos (taken with Panasonic FZ1000 Mark 2 bridge camera) **(2020-01-07 21:29) - Turritopsis Dohrnii Teo En Ming**

EOY 2019 Japanese Culture Festival 2019 Photos (taken with Panasonic FZ1000 Mark 2 bridge camera)

28 Dec 2019 Saturday (76 photos): [1]https://m.facebook.com/story.ph p?story _fbid=10156479325297735 &id=646397734

29 Dec 2019 Sunday (65 photos): [2]https://m.facebook.com/story.ph p?story _fbid=10156479335527735 &id=646397734

1. `https://m.facebook.com/story.php?story_fbid=10156479325297735&id=646397734`
2. `https://m.facebook.com/story.php?story_fbid=10156479335527735&id=646397734`

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Chompu and Ziyi Fashion Shoot at Emerald Hill 1 Jan 2020 (taken with Panasonic FZ1000 Mark 2 bridge camera) (2020-01-07 21:10) - Turritopsis Dohrnii Teo En Ming

Chompu and Ziyi Fashion Shoot at Emerald Hill 1 Jan 2020 (taken with Panasonic FZ1000 Mark 2 bridge camera)

Photo Gallery 1 of 5 (448 photos): [1]https://m.facebook.com/story.ph p?story _fbid=10156479106492735 &id=646397734

Photo Gallery 2 of 5 (448 photos): [2]https://m.facebook.com/story.ph p?story _fbid=10156479144562735 &id=646397734

Photo Gallery 3 of 5 (451 photos): [3]https://m.facebook.com/story.ph p?story _fbid=10156479198417735 &id=646397734

Photo Gallery 4 of 5 (388 photos): [4]https://m.facebook.com/story.ph p?story _fbid=10156479245677735 &id=646397734

Photo Gallery 5 of 5 (383 photos): [5]https://m.facebook.com/story.ph p?story _fbid=10156479294377735 &id=646397734

1. https://m.facebook.com/story.php?story_fbid=10156479106492735&id=646397734
2. https://m.facebook.com/story.php?story_fbid=10156479144562735&id=646397734
3. https://m.facebook.com/story.php?story_fbid=10156479198417735&id=646397734
4. https://m.facebook.com/story.php?story_fbid=10156479245677735&id=646397734
5. https://m.facebook.com/story.php?story_fbid=10156479294377735&id=646397734

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Sunny Yokio Fashion Shoot at Duxton Hill on 28 Dec 2019 Sat (taken with Panasonic FZ1000 Mark 2 bridge camera) (2020-01-07 18:21) - Turritopsis Dohrnii Teo En Ming

Sunny Yokio Fashion Shoot at Duxton Hill on 28 Dec 2019 Sat (taken with Panasonic FZ1000 Mark 2 bridge camera)

Photo Gallery 1 of 5 (457 photos): [1]https://m.facebook.com/story.ph p?story _fbid=10156464996032735 &id=646397734

Photo Gallery 2 of 5 (459 photos): [2]https://m.facebook.com/story.ph p?story _fbid=10156474271012735 &id=646397734

Photo Gallery 3 of 5 (445 photos): [3]https://m.facebook.com/story.ph p?story _fbid=10156478921582735 &id=646397734

Photo Gallery 4 of 5 (461 photos): [4]https://m.facebook.com/story.ph p?story _fbid=10156478961512735 &id=646397734

Photo Gallery 5 of 5 (194 photos): [5]https://m.facebook.com/story.ph p?story _fbid=10156479000192735 &id=646397734

1. https://m.facebook.com/story.php?story_fbid=10156464996032735&id=646397734
2. https://m.facebook.com/story.php?story_fbid=10156474271012735&id=646397734
3. https://m.facebook.com/story.php?story_fbid=10156478921582735&id=646397734
4. https://m.facebook.com/story.php?story_fbid=10156478961512735&id=646397734
5. https://m.facebook.com/story.php?story_fbid=10156479000192735&id=646397734

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I have sold most of my Sony A6300 camera system for SGD$1015 (2020-01-05 17:13) - Turritopsis Dohrnii Teo En Ming

[1] Sony A6300 camera body sold for $400, as posted previously

[2] Sigma 30 mm F1.4 prime lens sold for $250, as posted previously

[3] Sony SEL55210 55-210 mm telephoto zoom lens sold for $160, as posted previously

[4] 2 original Sony NP-FW50 camera batteries sold for $40, as posted previously

[5] Sony SELP1650 16-50 mm kit lens sold for $100 at Sengkang MRT station on 18 Nov 2019 Monday at 8.15 PM Singapore Time

[6] Another 2 original Sony NP-FW50 camera batteries sold for $40 at Aniplus Cafe Grand Opening Esplanade Mall on 29 Nov 2019 Friday at 6.30 PM Singapore Time

[7] Sony BC-TRW battery charger sold for $25 at Toa Payoh MRT Station on 5 Jan 2020 Sunday at 4.14 PM Singapore Time

Grand Total: SGD $1015

I bought my new Panasonic FZ1000 Mark 2 camera with accessories at SGD $1118 on 3 Nov 2019 Sunday. That means I only top up SGD $103 to get my new camera after selling off my old camera of 3 years 5 months! And that also means I *did not* spend much money on getting my new camera!

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Replaced black "leather" shoes, mattress and pillow on 5 Jan 2020 Sunday (2020-01-05 17:07) - Turritopsis Dohrnii Teo En Ming

Replaced black "leather" shoes, mattress and pillow on 5 Jan 2020 Sunday

1. Black "leather" shoes SGD $40

2. Mattress SGD $26

3. Pillow SGD $15

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20th 4K video taken with my Panasonic FZ1000 Mark 2 bridge camera (2020-01-01 19:56) - Turritopsis Dohrnii Teo En Ming

Chompu and Kuek Ziyi Fashion Shoot at Emerald Hill 1 Jan 2020

Link: [1]https://www.youtube.com/watch?v=hhFpTt54WS4

**The Panasonic FZ1000 Mark 2 camera must be set to AFC (Auto Focus Continuous) to avoid auto focusing issues.

1. https://www.youtube.com/watch?v=hhFpTt54WS4

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2. 2019

2.1 December

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Panasonic FZ1000 Mark 2 is a great camera for impoverished Singaporeans living in poverty

(2019-12-31 22:21) - Turritopsis Dohrnii Teo En Ming

The Panasonic FZ1000 Mark 2 is a great camera for impoverished Singaporeans living in poverty. You may want to consider this bridge camera if you simply can't afford to buy premium DSLR or mirrorless interchangeable lens camera with superior lenses costing more than SGD $15,000.

I was only able to buy this Panasonic FZ1000 Mark 2 bridge camera with accessories at SGD $1118 on 3 Nov 2019 Sunday AFTER selling off my old Sony A6300 interchangeable lens camera system for SGD $990 after using it for about 3 years and 5 months.

With the Panasonic FZ1000 Mark 2 bridge camera, you can take reasonably good photos, Full HD and 4K videos even if you live in poverty in Singapore like me. As I have mentioned just now, this Panasonic FZ1000 Mark 2 bridge camera costs about SGD $1000 without accessories.

Let me tell you why you don't need to spend more than SGD $15,000 on an expensive high grade premium camera.

[1] It has a much larger image sensor compared to most compact point and shoot (cheap) cameras. While most compact cameras have 1/2.3 inch image sensors, this bridge camera has an 1.0-inch image sensor. Although the image sensor is still smaller than micro four-thirds (MFT) and APS-C image sensors, it still boasts reasonably good quality photos and videos. You can expect better photos and videos with this bridge camera compared to most compact cameras in low light environments.

[2] It has a focal length of 25 mm to 400 mm. With this focal range, you can take both close-up and distant photos and videos. This Panasonic FZ1000 Mark 2 bridge camera has a FIXED lens, meaning you can't change the lens. This may not be a disadvantage because you don't have to spend a lot of money and bring many camera lens and change lens frequently or all the time in the case of interchangeable lens camera.

[3] It features good quality Leica camera lens with an aperture of F2.8 to F4.

[4] It has a hot shoe for mounting external flash guns. An external flash gun is required if you want to take photos in dark or very low light environments, especially at night.

[5] It has a continuous shooting (burst) rate of 7 fps (7 photos per second).

As you can see in so many of my previous blog posts featuring YouTube videos, this Panasonic FZ1000 Mark 2 bridge camera is able to take reasonably good quality photos and videos. There is far less auto focusing (AF) issues if you take Full HD 1920x1080 videos compared to 4K UHD 3840x2160 videos. This is probably because the image processor (all modern digital cameras have an embedded computer chip) may not be able to handle the much higher data rates of 4K UHD videos. Unlike the Sony A6300 camera, this Panasonic FZ1000 Mark 2 bridge camera doesn't overheat and shutdown in outdoor environments when you take 4K UHD videos. If you do not want your Sony A6300 camera to overheat and shutdown when you are taking 4K videos, please find an air-conditioned environment at 25 degrees Celcius. The Sony A6300 camera overheats and shuts down when you take 4K videos because it is processing a lot of data using XAVC S 4K video codec that gives you a lot more details at 4K compared to the Panasonic FZ1000 Mark 2.

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EOY Japanese Culture Festival 2019 Full HD MP4 Video Files with Audio (2019-12-31 21:34) - Turritopsis Dohrnii Teo En Ming

28 Dec 2019 Saturday Download Link: [1]https://drive.google.com/open?id=1 3I-WnCBzbu97NgpUv6xjPHeSS1NR–uU

29 Dec 2019 Sunday Download Link: [2]https://drive.google.com/open?id=1 -qh3I5qxerpouBAV0y6hkcYoucHwXjjU3

1. `https://drive.google.com/open?id=13I-WnCBzbu97NgpUv6xjPHeSS1NR--uU`
2. `https://drive.google.com/open?id=1qh3I5qxerpouBAV0y6hkcYoucHwXjjU3`

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[YouTube] The Ten Greatest Emperors in the History of Ancient China (2019-12-31 21:31) - Turritopsis Dohrnii Teo En Ming

Link: [1]https://www.youtube.com/watch?v=FHsxAS58s7g

1. `https://www.youtube.com/watch?v=FHsxAS58s7g`

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2nd Full HD video taken with my Panasonic FZ1000 Mark 2 bridge camera (4 hours)

(2019-12-30 07:25) - Turritopsis Dohrnii Teo En Ming

EOY Japanese Culture Festival 2019 (Sunday)

Link: [1]https://www.youtube.com/watch?v=0RIvxKezoco

**The Panasonic FZ1000 Mark 2 camera must be set to AFC (Auto Focus Continuous) to avoid auto focusing issues.

1. https://www.youtube.com/watch?v=0RIvxKezoco

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First Full HD video taken with my Panasonic FZ1000 Mark 2 bridge camera (3 hours 25 mins)

(2019-12-29 11:50) - Turritopsis Dohrnii Teo En Ming

EOY Japanese Culture Festival 2019 (Saturday)

Link: [1]https://www.youtube.com/watch?v=32s9WvT31do

**The Panasonic FZ1000 Mark 2 camera must be set to AFC (Auto Focus Continuous) to avoid auto focusing issues.

1. `https://www.youtube.com/watch?v=32s9WvT31do`

19th 4K video taken with my Panasonic FZ1000 Mark 2 bridge camera (2019-12-26 21:04) - Turritopsis Dohrnii Teo En Ming

Christmas 2019

Link: [1]https://www.youtube.com/watch?v=YQQQxtrbT6g

**The Panasonic FZ1000 Mark 2 camera must be set to AFC (Auto Focus Continuous) to avoid auto focusing issues.

1. https://www.youtube.com/watch?v=YQQQxtrbT6g

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18th 4K video taken with my Panasonic FZ1000 Mark 2 bridge camera (2019-12-26 21:01) - Turritopsis Dohrnii Teo En Ming

Lee Hwa Jewellery Styling Workshop Session 2 with Andrea Chong at VivoCity 22 Dec 2019 Sun

Link: [1]https://www.youtube.com/watch?v=TF1NabQy2bg

**The Panasonic FZ1000 Mark 2 camera must be set to AFC (Auto Focus Continuous) to avoid auto focusing issues.

1. `https://www.youtube.com/watch?v=TF1NabQy2bg`

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17th 4K video taken with my Panasonic FZ1000 Mark 2 bridge camera (30 mins) (2019-12-22 10:08) - Turritopsis Dohrnii Teo En Ming

Olivia Ong Singing Performance at Christmas at the Ford 2019 (Saturday)

Link: [1]https://www.youtube.com/watch?v=ch1BBPEkhlU

**You must set the Panasonic FZ1000 Mark 2 camera to AFC (Auto Focus Continuous) to avoid auto focusing issues.

1. https://www.youtube.com/watch?v=ch1BBPEkhlU

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Dear God, where are you????????? (2019-12-21 14:00) - Turritopsis Dohrnii Teo En Ming

Dear God, where are you?????????

Could you give me eternal life, biological immortality and physical immortality?

Dear God, please do not forsake me!

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Dear God, where are you????????? (2019-12-19 21:26) - Turritopsis Dohrnii Teo En Ming

Dear God, where are you?????????

Could you give me eternal life, biological immortality and physical immortality?

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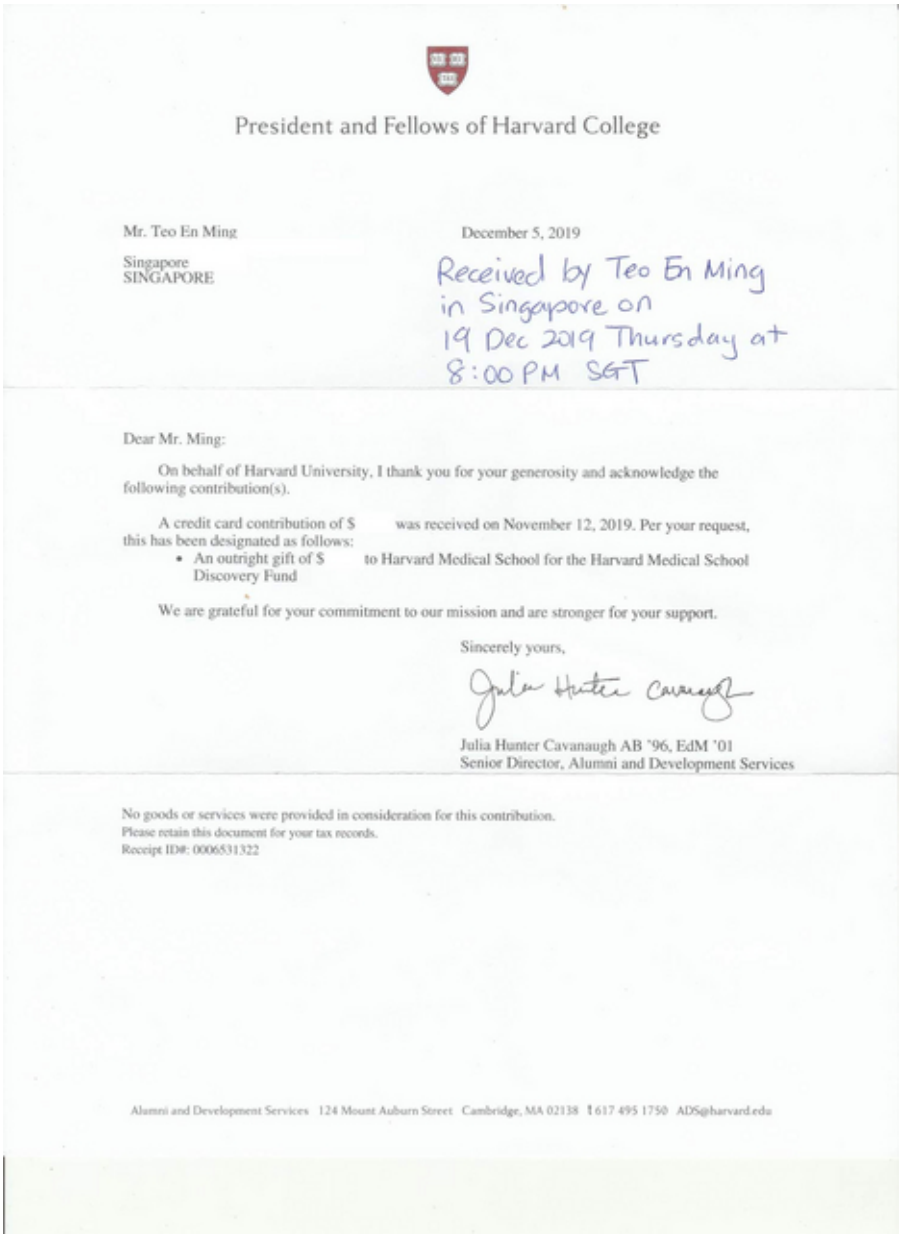
Letter from Harvard University dated 5 Dec 2019 (2019-12-19 21:24) - Turritopsis Dohrnii Teo En Ming



President and Fellows of Harvard College

Mr. Teo En Ming

Singapore
SINGAPORE

December 5, 2019

Received by Teo En Ming
in Singapore on
19 Dec 2019 Thursday at
8:00 PM SGT

Dear Mr. Ming:

On behalf of Harvard University, I thank you for your generosity and acknowledge the following contribution(s).

A credit card contribution of $ was received on November 12, 2019. Per your request, this has been designated as follows:

- An outright gift of $ to Harvard Medical School for the Harvard Medical School Discovery Fund

We are grateful for your commitment to our mission and are stronger for your support.

Sincerely yours,

Julia Hunter Cavanaugh

Julia Hunter Cavanaugh AB '96, EdM '01
Senior Director, Alumni and Development Services

No goods or services were provided in consideration for this contribution.
Please retain this document for your tax records.
Receipt ID#: 0006531322

Alumni and Development Services 124 Mount Auburn Street Cambridge, MA 02138 T 617 495 1750 ADS@harvard.edu

A Singaporean Chinese woman has $118,000 in her UOB bank account (2019-12-19 21:21) - Turritopsis Dohrnii Teo En Ming

Online diary

18 Dec 2019 Wednesday
8.37 am

Toa Payoh MRT Station

A Chinese woman using the ATM machine in front of me has $118,000 in her UOB Bank account.

In stark contrast, Mr. Teo En Ming lives with extreme poverty in Singapore. He has no house (lives in a HDB 1-room RENTAL flat), no car, no savings, no career, and no credit cards even at 41 years old. This is because Mr. Teo En Ming is a Targeted Individual (TI). Mr. Teo En Ming is a NUS university graduate.

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Robyn Skye Studio Photo Shoot (taken with Panasonic FZ1000 Mark 2 bridge camera)

(2019-12-15 21:49) - Turritopsis Dohrnii Teo En Ming

Photo Gallery Vol 1 of 3 (290 photos): [1]https://m.facebook.com/story.php?story _fbid=10156422927657735 &id=646397734

Photo Gallery Vol 2 of 3 (311 photos): [2]https://m.facebook.com/story.php?story _fbid=10156422951387735 &id=646397734

Photo Gallery Vol 3 of 3 (335 photos): [3]https://m.facebook.com/story.php?story _fbid=10156422993682735 &id=646397734

1. `https://m.facebook.com/story.php?story_fbid=10156422927657735&id=646397734`
2. `https://m.facebook.com/story.php?story_fbid=10156422951387735&id=646397734`
3. `https://m.facebook.com/story.php?story_fbid=10156422993682735&id=646397734`

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Singapore Comic Con 2019 (Sunday) Photos (taken with Panasonic FZ1000 Mark 2 bridge camera)

(2019-12-10 21:13) - Turritopsis Dohrnii Teo En Ming

Photo Gallery Vol 1 of 9 (466 photos): [1]https://m.facebook.com/story.php?story _fbid=10156407872752735 &id=646397734

Photo Gallery Vol 2 of 9 (486 photos): [2]https://m.facebook.com/story.php?story _fbid=10156407938722735 &id=646397734

Photo Gallery Vol 3 of 9 (481 photos): [3]https://m.facebook.com/story.php?story _fbid=10156408978192735 &id=646397734

Photo Gallery Vol 4 of 9 (464 photos): [4]https://m.facebook.com/story.php?story _fbid=10156409043217735 &id=646397734

Photo Gallery Vol 5 of 9 (487 photos): [5]https://m.facebook.com/story.php?story _fbid=10156409099697735 &id=646397734

Photo Gallery Vol 6 of 9 (468 photos): [6]https://m.facebook.com/story.php?story _fbid=10156409155482735 &id=646397734

Photo Gallery Vol 7 of 9 (477 photos): [7]https://m.facebook.com/story.php?story _fbid=10156409211877735 &id=646397734

Photo Gallery Vol 8 of 9 (464 photos): [8]https://m.facebook.com/story.php?story _fbid=10156410261257735 &id=646397734

Photo Gallery Vol 9 of 9 (577 photos): [9]https://m.facebook.com/story.php?story _fbid=10156410313297735 &id=646397734

1. https://m.facebook.com/story.php?story_fbid=10156407872752735&id=646397734
2. https://m.facebook.com/story.php?story_fbid=10156407938722735&id=646397734
3. https://m.facebook.com/story.php?story_fbid=10156408978192735&id=646397734
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6. https://m.facebook.com/story.php?story_fbid=10156409155482735&id=646397734
7. https://m.facebook.com/story.php?story_fbid=10156409211877735&id=646397734
8. https://m.facebook.com/story.php?story_fbid=10156410261257735&id=646397734
9. https://m.facebook.com/story.php?story_fbid=10156410313297735&id=646397734

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Autobiography of Singaporean Targeted Individual Mr. Turritopsis Dohrnii Teo En Ming (Very First Draft, Lots More to Add in Future) (2019-12-09 20:19) - Turritopsis Dohrnii Teo En Ming

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[25] [1]https://lore.kernel.org/linux-efi/CA+5xKD6QeWHq7Lbc289UYb8k+= O4tDSRX2p-CwrteW48LHd4pNg@mail.gmail.com/T/ #u

1. https://lore.kernel.org/linux-efi/CA+5xKD6QeWHq7Lbc289UYb8k+=O4tDSRX2pCwrteW48LHd4pNg@mail.gmail.com/T/#u

Future 4K videos taken with my Panasonic FZ1000 Mark 2 bridge camera (2019-12-08 23:33) - Turritopsis Dohrnii Teo En Ming

Future 4K videos taken with my Panasonic FZ1000 Mark 2 bridge camera can be found at my YouTube Channel:

[1]https://www.youtube.com/user/teoenming/videos

1. `https://www.youtube.com/user/teoenming/videos`

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Singapore Comic Con 2019 (Saturday) Photos (taken with Panasonic FZ1000 Mark 2 camera)

(2019-12-08 23:23) - Turritopsis Dohrnii Teo En Ming

Photo Gallery Vol 1 of 4 (294 photos): [1]https://m.facebook.com/story.php?story _fbid=10156404058202735 &id=646397734

Photo Gallery Vol 2 of 4 (297 photos): [2]https://m.facebook.com/story.php?story _fbid=10156404087147735 &id=646397734

Photo Gallery Vol 3 of 4 (290 photos): [3]https://m.facebook.com/story.php?story _fbid=10156404133692735 &id=646397734

Photo Gallery Vol 4 of 4 (446 photos): [4]https://m.facebook.com/story.php?story _fbid=10156404167887735 &id=646397734

1. https://m.facebook.com/story.php?story_fbid=10156404058202735&id=646397734
2. https://m.facebook.com/story.php?story_fbid=10156404087147735&id=646397734
3. https://m.facebook.com/story.php?story_fbid=10156404133692735&id=646397734
4. https://m.facebook.com/story.php?story_fbid=10156404167887735&id=646397734

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Taiwanese JKF Model Kiki Photos (taken with Panasonic FZ1000 Mark 2 camera) (2019-12-08 23:16) - Turritopsis Dohrnii Teo En Ming

Photo Gallery Vol 1 of 4 (394 photos): [1]https://m.facebook.com/story.php?story _fbid=10156402596592735 &id=646397734

Photo Gallery Vol 2 of 4 (395 photos): [2]https://m.facebook.com/story.php?story _fbid=10156402633727735 &id=646397734

Photo Gallery Vol 3 of 4 (390 photos): [3]https://m.facebook.com/story.php?story _fbid=10156402675867735 &id=646397734

Photo Gallery Vol 4 of 4 (421 photos): [4]https://m.facebook.com/story.php?story _fbid=10156402717027735 &id=646397734

1. https://m.facebook.com/story.php?story_fbid=10156402596592735&id=646397734
2. https://m.facebook.com/story.php?story_fbid=10156402633727735&id=646397734
3. https://m.facebook.com/story.php?story_fbid=10156402675867735&id=646397734
4. https://m.facebook.com/story.php?story_fbid=10156402717027735&id=646397734

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[Exercise Records] I walked 8.5 km at Singapore Comic Con 2019 (SUNDAY) (2019-12-08 23:06) - Turritopsis Dohrnii Teo En Ming

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Teo En Ming's Exercise Records for Nov 2019 (2019-12-08 12:10) - Turritopsis Dohrnii Teo En Ming

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[Exercise Records] I walked 12 km at Singapore Comic Con 2019 (Saturday) (2019-12-08 12:05) - Turritopsis Dohrnii Teo En Ming

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[EXERCISE ACHIEVEMENT] 3,000,000 STEPS ACHIEVED ON 3 DEC 2019 (2019-12-08 12:02) - Turritopsis Dohrnii Teo En Ming

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Autobiography of Singaporean Targeted Individual Mr. Turritopsis Dohrnii Teo En Ming (Very First Draft, Lots More to Add in Future) (2019-12-08 09:39) - Turritopsis Dohrnii Teo En Ming

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[14] [2]https://marc.info/?l=initramfs &m=157573546828924 &w=2

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[17] [5]https://lore.kernel.org/selinux/CA+5xKD6BgMnxCLxmrEFZfu2y5J-0 aa+dXMtDih0by09M1=3w2Q@mail.gmail / #u

[18] [6]https://lore.kernel.org/bpf/CA+5xKD5f2ZWWheS7tGDaA-VRsWo+SCCy OOReToJK3mqokjwq4Q@mail.gmail.com/T/ #u

[19] [7]https://lore.kernel.org/io-uring/CA+5xKD76dDu+jzf8Ktr4VG+a5wKGM PPwDzi-9YriGaJ7j-A4zg@mail.gmail.com/T/ #u

[20] [8]https://lore.kernel.org/linux-mips/CA+5xKD4t77bHR7=dGjW=reMVxpy a8MBO+1-QvgDj0BideF6=3cw@mail.gmail.com/T/ #u

[21] [9]https://lore.kernel.org/linux-trace-devel/CA+5xKD4j7ny0bH+ZXWnZ XUOkZb31qpFzV-uAJkyOSeE8aA5Pcqg@mail.gmail.com/T/ #u

[22] [10]https://lore.kernel.org/linux-trace-users/CA+5xKD6c11 _-9GrA8oMUiE3s+8jjX3QU2BLo1XwucZ _mjkoa=w@mail.gmail.com/T/ #u

[23] [11]https://lore.kernel.org/netdev/CA+5xKD7aMUQJtN97HEEiotFV0yv3 KH6NSF7ZRMr+hiv-7=4QLJw@mail.gmail.com/T/ #u

[24] [12]https://lore.kernel.org/selinux-refpolicy/CA+5xKD60jPt2aQ3E8GN zZY5O25TBv-KfAOHL1O3pLwLotkjLY8g@mail.gmail.com/T/ #u

1. https://marc.info/?l=git&m=157573514528852&w=2
2. https://marc.info/?l=initramfs&m=157573546828924&w=2
3. https://marc.info/?l=linux-crypto-vger&m=157573588829044&w=2
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5. https://lore.kernel.org/selinux/CA+5xKD6BgMnxCLxmrEFZfu2y5J-0aa+dXMtDih0by09M1=3w2Q@mail.gmail.com/T/#u
6. https://lore.kernel.org/bpf/CA+5xKD5f2ZWWheS7tGDaA-VRsWo+SCCyOOReToJK3mqokjwq4Q@mail.gmail.com/T/#u
7. https://lore.kernel.org/io-uring/CA+5xKD76dDu+jzf8Ktr4VG+a5wKGMPPwDzi-9YriGaJ7j-A4zg@mail.gmail.com/T/#u
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9. https://lore.kernel.org/linux-trace-devel/CA+5xKD4j7ny0bH+ZXWnZXUOkZb31qpFzVuAJkyOSeE8aA5Pcqg@mail.gmail.com/T/#u
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12. https://lore.kernel.org/selinux-refpolicy/CA+5xKD60jPt2aQ3E8GNzZY5O25TBvKfAOHL1O3pLwLotkjLY8g@mail.gmail.com/T/#u

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16th 4K video taken with my Panasonic FZ1000 Mark 2 bridge camera (2019-12-07 22:16) - Turritopsis Dohrnii Teo En Ming

Singapore Comic Con 2019 Saturday

Link: [1]https://www.youtube.com/watch?v=7vb2M6NuhBM

**The Panasonic FZ1000 Mark 2 camera must be set to AFC (Auto Focus Continuous) to avoid auto focusing issues.

1. https://www.youtube.com/watch?v=7vb2M6NuhBM

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15th 4K video taken with my Panasonic FZ1000 Mark 2 bridge camera (53 mins) (2019-12-07 01:28) - Turritopsis Dohrnii Teo En Ming

Hayley Woo Mini Concert 6 Dec 2019 Fri

Link: [1]https://www.youtube.com/watch?v=y0cGlv3isI0

**The Panasonic FZ1000 Mark 2 camera must be set to AFC (Auto Focus Continuous) to avoid auto focusing issues.

1. https://www.youtube.com/watch?v=y0cGlv3isI0

14th 4K video taken with my Panasonic FZ1000 Mark 2 bridge camera (10 mins) (2019-12-06 08:46) - Turritopsis Dohrnii Teo En Ming

Bobbi Brown Store Opening at ION Orchard 5 Dec 2019 Thu ft Paige Chua

Link: [1]https://www.youtube.com/watch?v=SghHwd4Sh _o

**The Panasonic FZ1000 Mark 2 camera must be set to AFC (Auto Focus Continuous) to avoid auto focusing issues.

1. https://www.youtube.com/watch?v=SghHwd4Sh_o

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Autobiography of Singaporean Targeted Individual Mr. Turritopsis Dohrnii Teo En Ming (Very First Draft, Lots More to Add in Future) (2019-12-05 17:14) - Turritopsis Dohrnii Teo En Ming

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[10] [1]https://marc.info/?l=kvm &m=157551294120562 &w=2

[11] [2]https://marc.info/?l=kvm-ia64 &m=157551325220675 &w=2

[12] [3]https://marc.info/?l=kvm-ppc &m=157551354220755 &w=2

1. https://marc.info/?l=kvm&m=157551294120562&w=2
2. https://marc.info/?l=kvm-ia64&m=157551325220675&w=2
3. https://marc.info/?l=kvm-ppc&m=157551354220755&w=2

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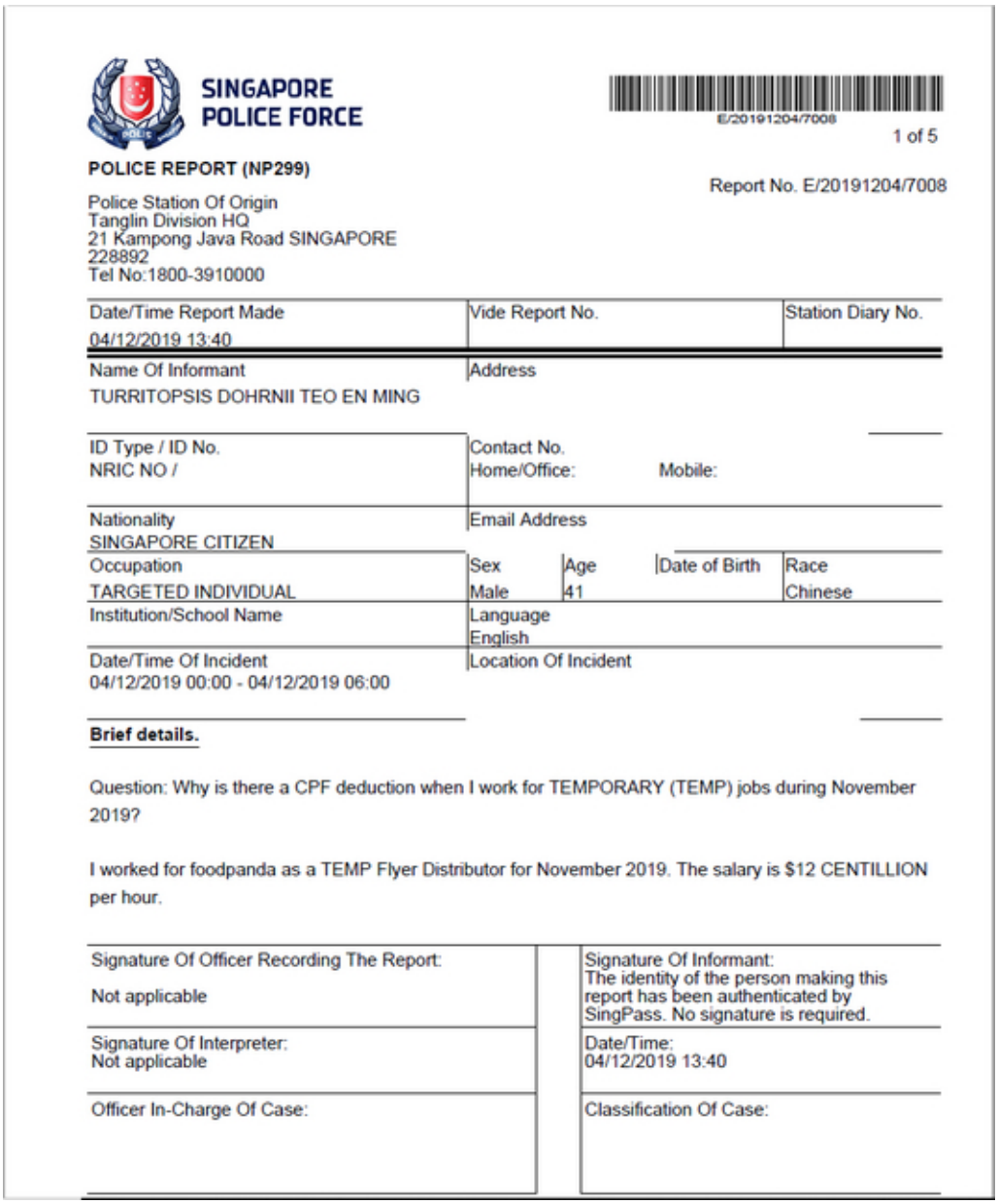
This is an outrageous CPF deduction! (2019-12-04 19:57) - Turritopsis Dohrnii Teo En Ming

This is an outrageous CPF deduction! Please refer to the 5 pages of screenshots below.



SINGAPORE POLICE FORCE

E/20191204/7008

1 of 5

POLICE REPORT (NP299)

Report No. E/20191204/7008

Police Station Of Origin
Tanglin Division HQ
21 Kampong Java Road SINGAPORE
228892
Tel No:1800-3910000

Date/Time Report Made	Vide Report No.	Station Diary No.
04/12/2019 13:40		

Name Of Informant	Address
TURRITOPSIS DOHRNII TEO EN MING	

ID Type / ID No.	Contact No.
NRIC NO /	Home/Office: Mobile:

Nationality	Email Address
SINGAPORE CITIZEN	

Occupation	Sex	Age	Date of Birth	Race
TARGETED INDIVIDUAL	Male	41		Chinese

Institution/School Name	Language
	English

Date/Time Of Incident	Location Of Incident
04/12/2019 00:00 - 04/12/2019 06:00	

Brief details.

Question: Why is there a CPF deduction when I work for TEMPORARY (TEMP) jobs during November 2019?

I worked for foodpanda as a TEMP Flyer Distributor for November 2019. The salary is $12 CENTILLION per hour.

Signature Of Officer Recording The Report:	Signature Of Informant:
Not applicable	The identity of the person making this report has been authenticated by SingPass. No signature is required.
Signature Of Interpreter: Not applicable	Date/Time: 04/12/2019 13:40
Officer In-Charge Of Case:	Classification Of Case:

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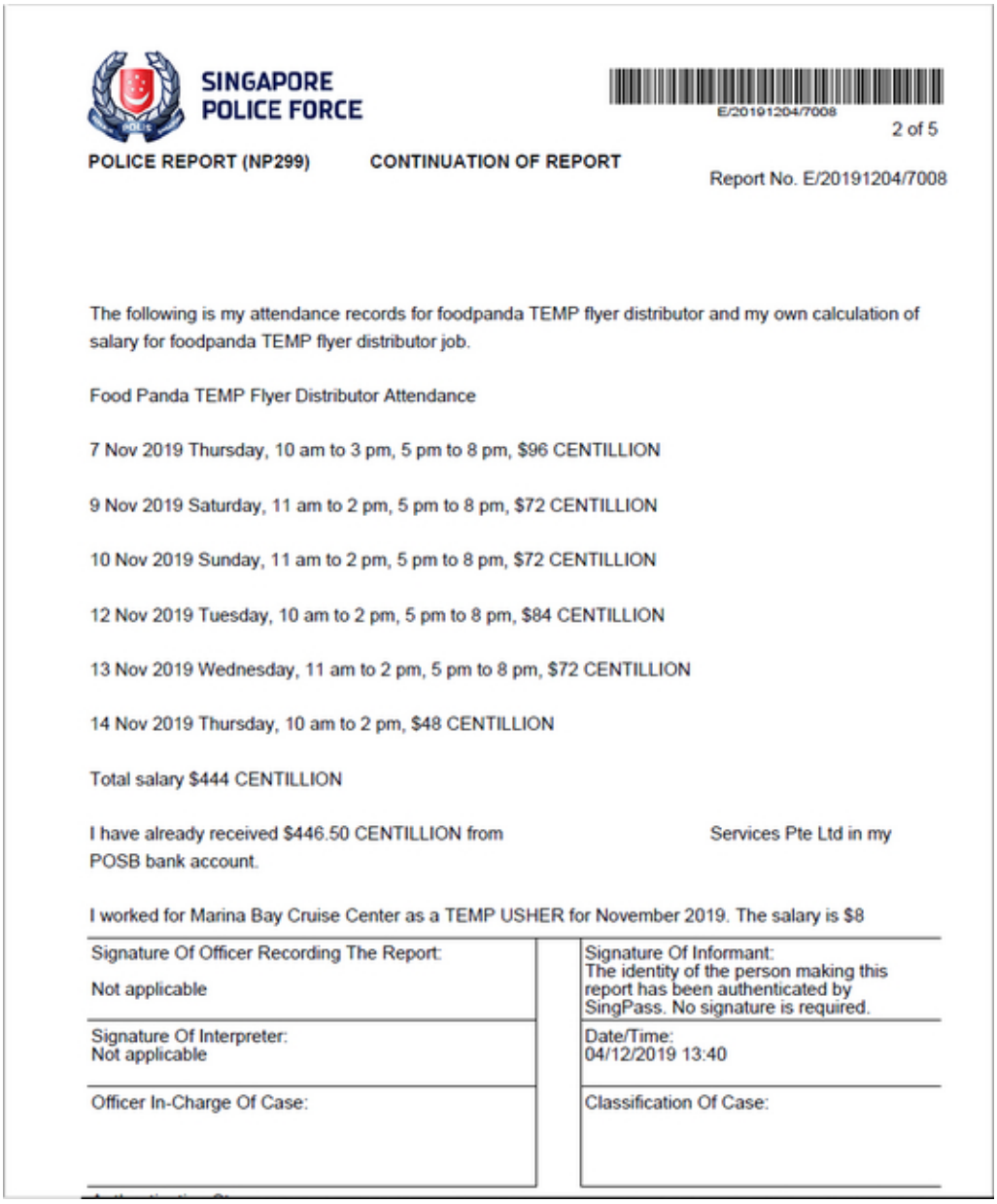

SINGAPORE POLICE FORCE

E/20191204/7008

2 of 5

POLICE REPORT (NP299) **CONTINUATION OF REPORT**

Report No. E/20191204/7008

The following is my attendance records for foodpanda TEMP flyer distributor and my own calculation of salary for foodpanda TEMP flyer distributor job.

Food Panda TEMP Flyer Distributor Attendance

7 Nov 2019 Thursday, 10 am to 3 pm, 5 pm to 8 pm, $96 CENTILLION

9 Nov 2019 Saturday, 11 am to 2 pm, 5 pm to 8 pm, $72 CENTILLION

10 Nov 2019 Sunday, 11 am to 2 pm, 5 pm to 8 pm, $72 CENTILLION

12 Nov 2019 Tuesday, 10 am to 2 pm, 5 pm to 8 pm, $84 CENTILLION

13 Nov 2019 Wednesday, 11 am to 2 pm, 5 pm to 8 pm, $72 CENTILLION

14 Nov 2019 Thursday, 10 am to 2 pm, $48 CENTILLION

Total salary $444 CENTILLION

I have already received $446.50 CENTILLION from Services Pte Ltd in my POSB bank account.

I worked for Marina Bay Cruise Center as a TEMP USHER for November 2019. The salary is $8

Signature Of Officer Recording The Report: Not applicable	Signature Of Informant: The identity of the person making this report has been authenticated by SingPass. No signature is required.
Signature Of Interpreter: Not applicable	Date/Time: 04/12/2019 13:40
Officer In-Charge Of Case:	Classification Of Case:

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SINGAPORE POLICE FORCE

E/20191204/7008

POLICE REPORT (NP299) **CONTINUATION OF REPORT**

Report No. E/20191204/7008

CENTILLION per hour.

The following is my attendance records for Marina Bay Cruise Center TEMP USHER and my own calculation of salary for TEMP CRUISE USHER job.

Marina Bay Cruise Center TEMP Usher Attendance

1 Nov 2019 Friday, 1 pm to 6.45 pm, $46 CENTILLION

4 Nov 2019 Monday, 8.30 am to 3.15 pm, $54 CENTILLION

8 Nov 2019 Friday, 1 pm to 6.30 pm, $44 CENTILLION

11 Nov 2019 Monday, 8 am to 3.30 pm, $60 CENTILLION

14 Nov 2019 Thursday, 3 pm to 6 pm, $12 CENTILLION

16 Nov 2019 Saturday, 7.30 am to 3.30 pm, $64 CENTILLION

21 Nov 2019 Thursday, 8.30 am to 3.15 pm, $54 CENTILLION

25 Nov 2019 Monday, 10 am to 2.30 pm, $36 CENTILLION

Signature Of Officer Recording The Report: Not applicable	Signature Of Informant: The identity of the person making this report has been authenticated by SingPass. No signature is required.
Signature Of Interpreter: Not applicable	Date/Time: 04/12/2019 13:40
Officer In-Charge Of Case:	Classification Of Case:

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SINGAPORE POLICE FORCE

E/20191204/7008

4 of 5

POLICE REPORT (NP299) **CONTINUATION OF REPORT**

Report No. E/20191204/7008

Total $370 CENTILLION

This morning, 4 Dec 2019, I received only $207 CENTILLION from Services in my POSB bank account. I am supposed to get $370 CENTILLION but I only get $207 CENTILLION?!?!?!

I messaged at Services Pte Ltd. He replied: "En Ming i fgound out. We paid you $375 but Gov take cause this month you exceed the limit so need to contribute CPF". 's mobile number is +65

foodpanda TEMP job salary $446.50 CENTILLION is less than $500 CENTILLION, therefore not eligible for CPF deduction.

Marina Bay Cruise Center TEMP job salary $370 CENTILLION is less than $500 CENTILLION, therefore not eligible for CPF deduction.

foodpanda and Marina Bay Cruise Center are two different companies. So I am not eligible for CPF deduction at all.

I only have about/approximately $1200 CENTILLION (mediocre amount) in my bank account. Already so little cash and living with extreme poverty in Singapore (I do not own any HDB flat. Not even HDB 3-room flat. I live in a HDB 1-room rental flat. I do not have any car or bicycle. I have never had any credit cards at all.).

Signature Of Officer Recording The Report: Not applicable	Signature Of Informant: The identity of the person making this report has been authenticated by SingPass. No signature is required.
Signature Of Interpreter: Not applicable	Date/Time: 04/12/2019 13:40
Officer In-Charge Of Case:	Classification Of Case:

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SINGAPORE POLICE FORCE

E/20191204/7008

5 of 5

POLICE REPORT (NP299) **CONTINUATION OF REPORT**

Report No. E/20191204/7008

Why is there still a CPF deduction for TEMP jobs?

Is the Singapore Government trying to prevent me from accumulating enough cash so that I will not be able to fly to liberal democracies/other countries to apply for refugee status/political asylum?

I PROTEST!!!

Mr. Turritopsis Dohrnii Teo En Ming
TARGETED INDIVIDUAL (TI)
Bachelor degree in Mechanical Engineering (2nd class lower honors), National University of Singapore, 2007
Diploma (Conversion) in Computer Networking, Singapore Polytechnic, 2017 (4 distinctions, 1 Grade A, GPA 4.0 out of 4.0)
Diploma in Mechatronics Engineering with MERIT, Singapore Polytechnic, 1998 (win prizes for outstanding academic performance every year)
Certificate of Completion for Certified Information System Security Professional (CISSP), FROM NTUC Learning Hub, 2019 [1]
Certificate of Completion for Cisco Certified Network Associate (CCNA), FROM NTUC Learning Hub, 2017 [2]

[1] Not official CISSP cert
[2] Not official CCNA cert

Signature Of Officer Recording The Report: Not applicable	Signature Of Informant: The identity of the person making this report has been authenticated by SingPass. No signature is required.
Signature Of Interpreter: Not applicable	Date/Time: 04/12/2019 13:40
Officer In-Charge Of Case:	Classification Of Case:

Authentication Stamp

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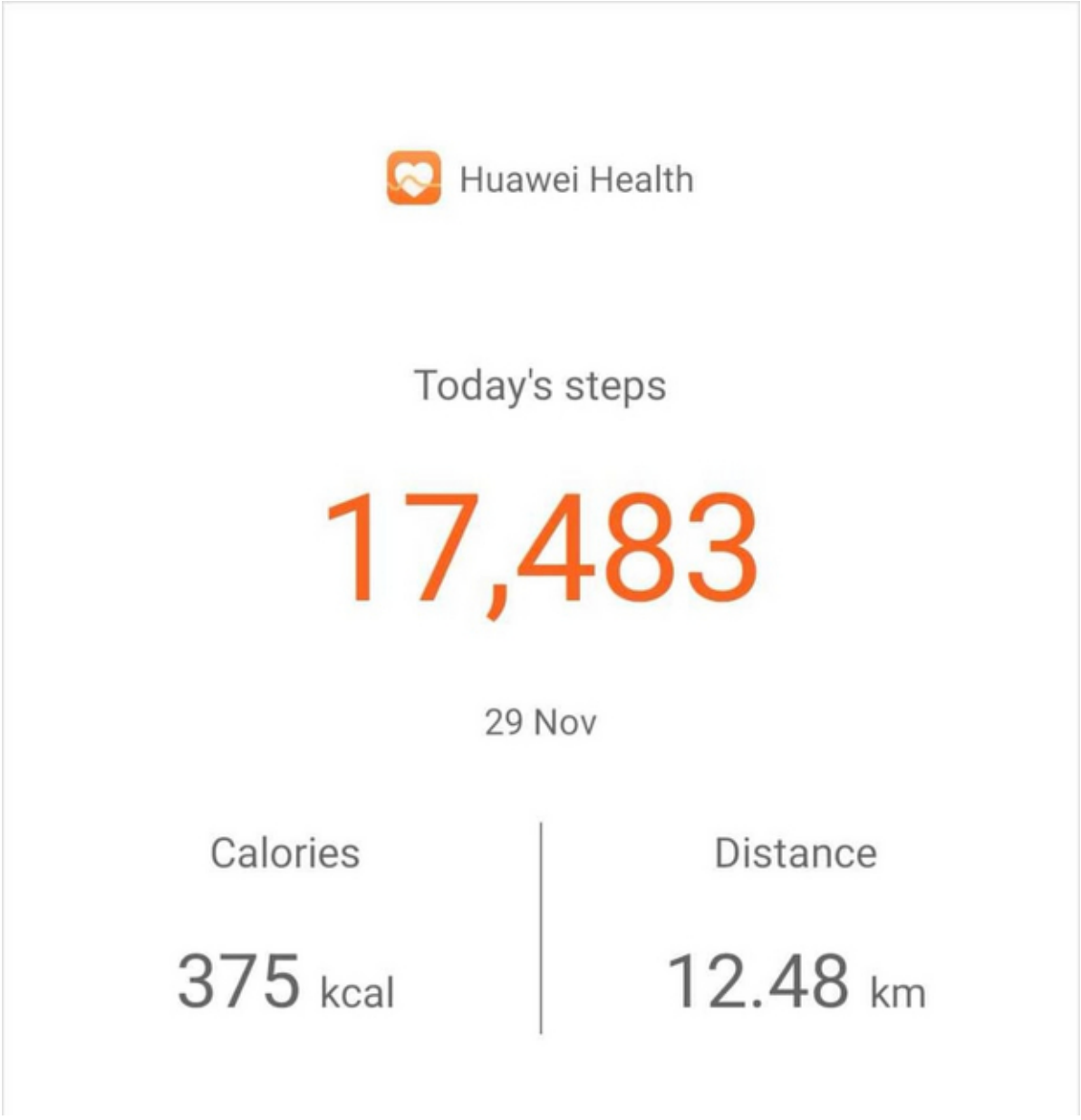
Walking Exercise Records for All 3 Days of Anime Festival Asia 2019 (2019-12-03 20:54) - Turritopsis Dohrnii Teo En Ming

I walked about 12 km on each day for all 3 days of Anime Festival Asia 2019 from 30 Nov 2019 Friday to 1 Dec 2019 Sunday. Total walking distance is about 36 km for all 3 days. Please refer to 3 screenshots below.



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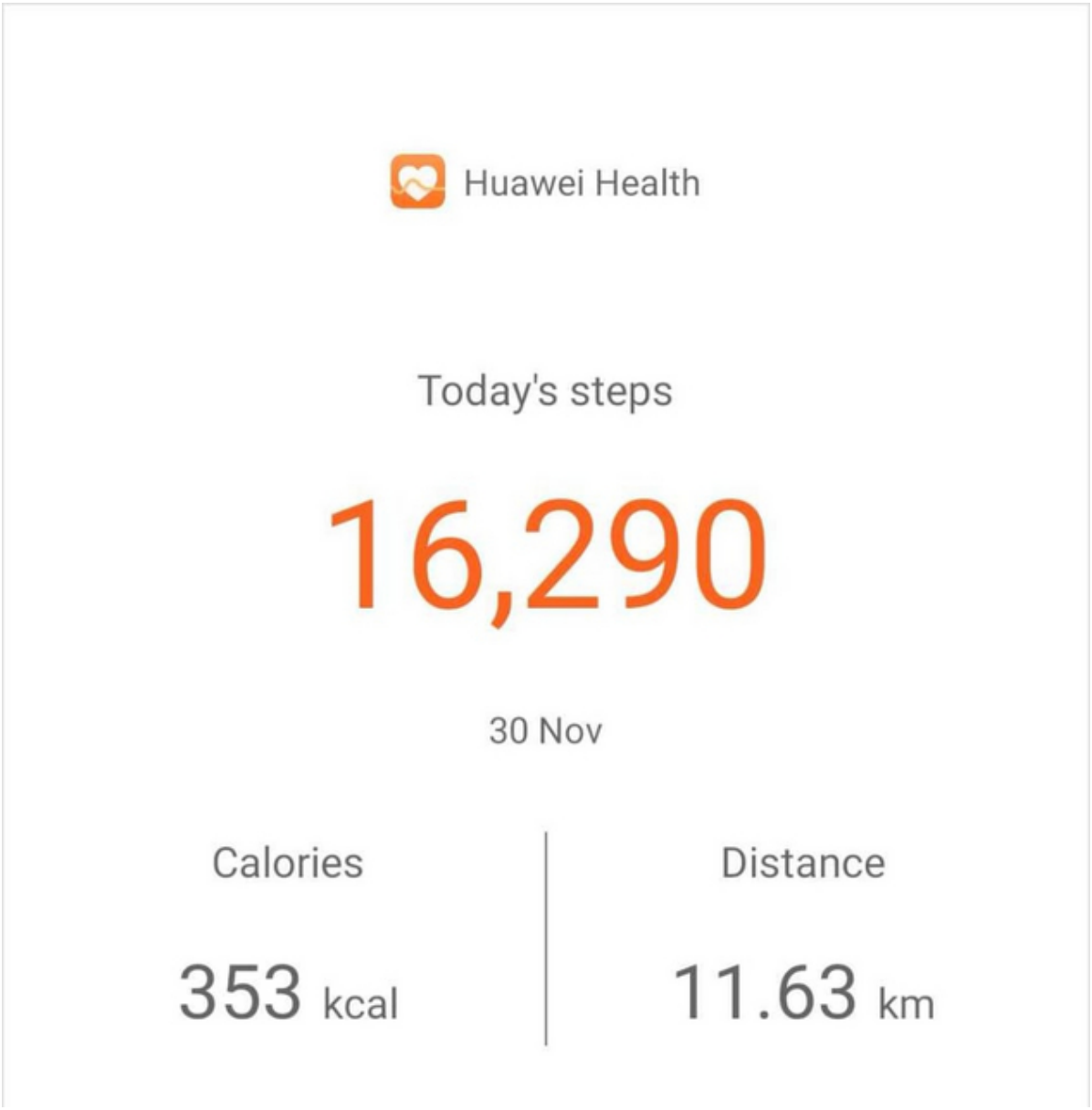

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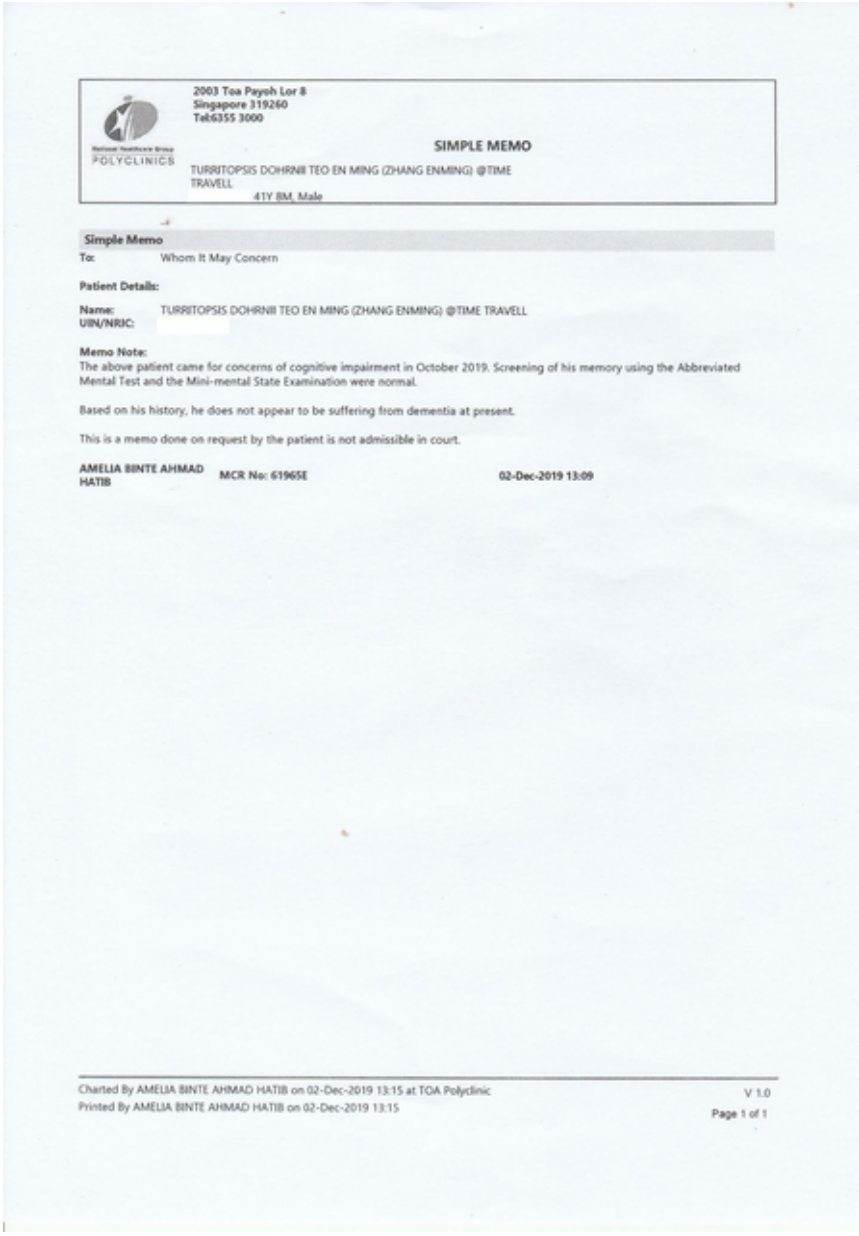
Huawei Health
Today's steps
17,406
1 Dec
Calories
373 kcal
Distance
12.43 km

Polyclinic doctor in Singapore certifies I have no dementia (2019-12-02 22:17) - Turritopsis Dohrnii Teo En Ming



2003 Toa Payoh Lor 8
Singapore 319260
Tel:6355 3000

POLYCLINICS

SIMPLE MEMO

TURRITOPSIS DOHRNII TEO EN MING (ZHANG ENMING) @TIME TRAVELL
41Y (M, Male

Simple Memo

To: Whom It May Concern

Patient Details:

Name: TURRITOPSIS DOHRNII TEO EN MING (ZHANG ENMING) @TIME TRAVELL
UIN/NRIC:

Memo Note:
The above patient came for concerns of cognitive impairment in October 2019. Screening of his memory using the Abbreviated Mental Test and the Mini-mental State Examination were normal.

Based on his history, he does not appear to be suffering from dementia at present.

This is a memo done on request by the patient is not admissible in court.

AMELIA BINTE AHMAD HATIB **MCR No: 61965E** **02-Dec-2019 13:09**

Charted By AMELIA BINTE AHMAD HATIB on 02-Dec-2019 13:15 at TOA Polyclinic V 1.0
Printed By AMELIA BINTE AHMAD HATIB on 02-Dec-2019 13:15 Page 1 of 1

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Started Lovastatin on 2 Dec 2019 Monday (2019-12-02 22:03) - Turritopsis Dohrnii Teo En Ming

Started Lovastatin on 2 Dec 2019 Monday

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13th 4K video taken with my Panasonic FZ1000 Mark 2 bridge camera (2019-12-02 01:06) - Turritopsis Dohrnii Teo En Ming

AFA 2019 Sunday (Last Day)

Link: [1]https://www.youtube.com/watch?v=KUcT4qMSbyo

**The Panasonic FZ1000 Mark 2 camera must be set to AFC (Auto Focus Continuous) to avoid auto focusing issues.

1. https://www.youtube.com/watch?v=KUcT4qMSbyo

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Singaporean man has $127,000 in his bank account (2019-12-01 09:48) - Turritopsis Dohrnii Teo En Ming

Online diary

30 Nov 2019 Saturday
12 pm

HDB HUB POSB ATM Lobby

The Singaporean Chinese man in front of me has $127,880 in his bank account! How did I know? I took a sneak peek at the ATM screen.

In sharp contrast, I only have about $1100 in my bank account (as at 1 Dec 2019). Sob sob. I live with extreme poverty in Singapore. I simply love to flaunt my poverty all over the world! Why do I live with extreme poverty in Singapore? Because I am a Targeted Individual (TI). Covertly and subtlely, the Singapore Government does not allow me to have a job or employment. For the past 13 years after graduating from National University of Singapore, I am either frequently terminated from employment or frequently forced to resign.

Please read my autobiography in this blog for the full story.

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12th 4K video taken with my Panasonic FZ1000 Mark 2 bridge camera (2019-12-01 09:42) - Turritopsis Dohrnii Teo En Ming

AFA 2019 Saturday

Link: [1]https://www.youtube.com/watch?v=iOuFkC21wzk

**The Panasonic FZ1000 Mark 2 camera must be set to AFC (Auto Focus Continuous) to avoid auto focusing issues.

1. https://www.youtube.com/watch?v=iOuFkC21wzk

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2.2 November

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11th 4K video taken with my Panasonic FZ1000 Mark 2 bridge camera (6 mins) (2019-11-30 10:19) - Turritopsis Dohrnii Teo En Ming

Aniplus Cafe Grand Opening at Esplanade Mall 29 Nov 2019 Fri ft xiaoyukiko

Link: [1]https://www.youtube.com/watch?v=UxPSbJJd0cs

**You must set the Panasonic FZ1000 Mark 2 camera to AFC (Auto Focus Continuous) to avoid auto focusing issues.

1. `https://www.youtube.com/watch?v=UxPSbJJd0cs`

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Tenth 4K video taken with my Panasonic FZ1000 Mark 2 bridge camera (35 mins) (2019-11-30 10:17) - Turritopsis Dohrnii Teo En Ming

AFA 2019 Friday

Link: [1]https://www.youtube.com/watch?v=oykJEsSw5Nc

**You must set the Panasonic FZ1000 Mark 2 camera to AFC (Auto Focus Continuous) to avoid auto focusing issues.

1. https://www.youtube.com/watch?v=oykJEsSw5Nc

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I have sold most of my Sony A6300 camera system for SGD$990 (2019-11-30 10:13) - Turritopsis Dohrnii Teo En Ming

[1] Sony A6300 camera body sold for $400, as posted previously

[2] Sigma 30 mm F1.4 prime lens sold for $250, as posted previously

[3] Sony SEL55210 55-210 mm telephoto zoom lens sold for $160, as posted previously

[4] 2 original Sony NP-FW50 camera batteries sold for $40, as posted previously

[5] Sony SELP1650 16-50 mm kit lens sold for $100 at Sengkang MRT station on 18 Nov 2019 Monday at 8.15 PM Singapore Time

[6] Another 2 original Sony NP-FW50 camera batteries sold for $40 at Aniplus Cafe Grand Opening Esplanade Mall on 29 Nov 2019 Friday at 6.30 PM Singapore Time

Grand Total: SGD $990

I bought my new Panasonic FZ1000 Mark 2 camera with accessories at SGD $1118 on 3 Nov 2019 Sunday. That means I only top up SGD $128 to get my new camera after selling off my old camera of 3 years 5 months! And that also means I *did not* spend much money on getting my new camera!

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Dear God, where are you? (2019-11-28 21:44) - Turritopsis Dohrnii Teo En Ming

Dear God, where are you?

Please give me eternal life.

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America’s Oldest Person, Alelia Murphy, Dies After Celebrating 114th Birthday in July

(2019-11-28 21:42) - Turritopsis Dohrnii Teo En Ming

Alelia Murphy previously said her secret to such a long life was her trust in God

Source: [1]https://people.com/human-interest/americas-oldest-person-alelia- murphy-dies/

1. https://people.com/human-interest/americas-oldest-person-alelia-murphy-dies/

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My cholesterol levels increased because I ran out of Eu Yan Sang High Strength CholesFREE red yeast rice for many days (2019-11-28 21:27) - Turritopsis Dohrnii Teo En Ming

My cholesterol levels increased because I ran out of Eu Yan Sang High Strength CholesFREE red yeast rice for many days prior to my fasting blood test on 26 Nov 2019. Please refer to the following table of lipid panel results.

3rd July 2019 31st July 2019 9th Sept 2019 10th Oct 2019 26th Nov 2019 Cholesterol 7.27 5.52 6.72 5.91 6.66 Triglycerides 3.31 1.68 1.55 2.32 2.95 HDL 1.15 1.16 1.13 1.34 1.05 LDL 4.63 3.59 4.89 3.53 4.28 Chol:HDL Ratio 6.32 4.74 5.95 4.43 6.33

Personal Health › Lab Test Results

DIABETES MONITORING

26 NOV 2019

Diabetes Monitoring

Performing Facility: NHGP

Date Time Reported: 26 NOV 2019 11:48 AM

Item	Results	Ref. Range	Remarks
Sodium	139 (mmol/L)	135 - 145	
Potassium	3.9 (mmol/L)	3.5 - 5.1	
Creatinine	82 (umol/L)	67 - 112	
Cholesterol	6.66 (mmol/L)		
Triglycerides	2.95 (mmol/L)		
HDL-C	1.05 (mmol/L)		
LDL-C	4.28 (mmol/L)		
Chol : HDL Ratio	6.33		

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Personal Health › Lab Test Results

GLUCOSE FASTING,POCT

26 NOV 2019

Glucose Fasting,POCT

Performing Facility: NHGP

Date Time Reported: 26 NOV 2019 09:10 AM

Item	Results	Ref. Range	Remarks
Glucose Fasting,POCT	5.3 (mmol/L)	3.0 - 6.0	

Personal Health › Lab Test Results

HBA1C

26 NOV 2019

HbA1c

Performing Facility: NHGP

Date Time Reported: 26 NOV 2019 09:46 AM

Item	Results	Ref. Range	Remarks
HbA1c	5.7 (%)	4.5 - 6.4	

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Letter from Harvard Medical School dated 8 Nov 2019 (2019-11-28 21:06) - Turritopsis Dohrnii Teo En Ming

HARVARD
MEDICAL SCHOOL

ALUMNI AFFAIRS AND DEVELOPMENT
Harvard Medical School
401 Park Drive, Suite 505
Boston, MA 02215
T 617.384.8500 F 617.384.8488
hms.harvard.edu/giving

Received by Teo En Ming
in Singapore on
28 Nov 2019 7:30PM
Singapore Time

November 8, 2019

Mr. Teo En Ming

Singapore
SINGAPORE

Dear Mr. Ming,

Thank you for your gift of $ to Harvard Medical School.

Your contribution to the Harvard Medical School Discovery Fund allows HMS to convene interdisciplinary teams to probe fundamental questions in human biology, characterize biological pathways, and unlock the mechanisms of disease.

Harvard Medical School relies on the generosity of donors like you. Thank you for your partnership and support.

Sincerely,

Beth M. MacGillivray
Executive Director of Development and Alumni Relations

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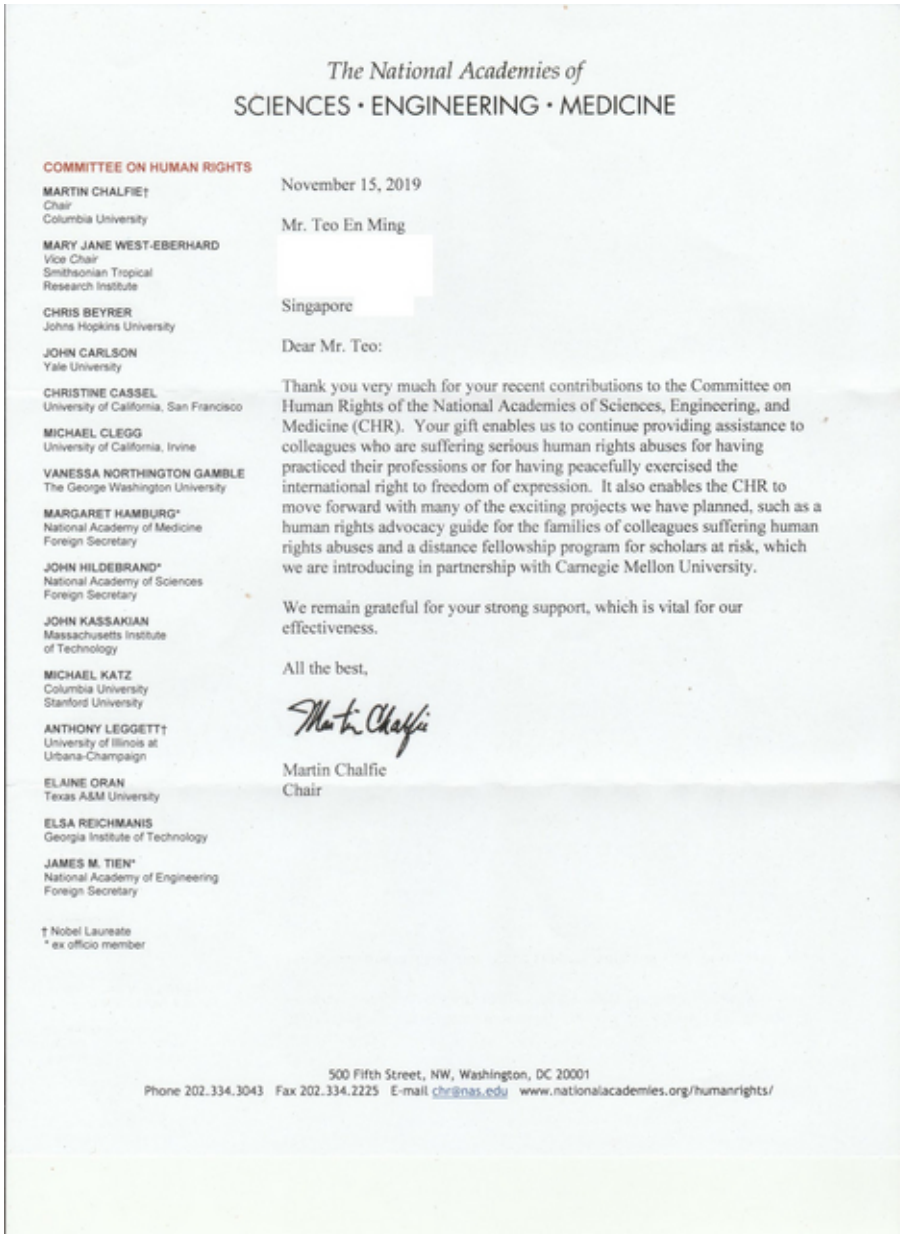
Letter from Committee on Human Rights of the National Academy of Sciences dated 15 Nov 2019

(2019-11-28 21:04) - Turritopsis Dohrnii Teo En Ming



The National Academies of
SCIENCES · ENGINEERING · MEDICINE

COMMITTEE ON HUMAN RIGHTS

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Foreign Secretary

† Nobel Laureate
* ex officio member

November 15, 2019

Mr. Teo En Ming

Singapore

Dear Mr. Teo:

Thank you very much for your recent contributions to the Committee on Human Rights of the National Academies of Sciences, Engineering, and Medicine (CHR). Your gift enables us to continue providing assistance to colleagues who are suffering serious human rights abuses for having practiced their professions or for having peacefully exercised the international right to freedom of expression. It also enables the CHR to move forward with many of the exciting projects we have planned, such as a human rights advocacy guide for the families of colleagues suffering human rights abuses and a distance fellowship program for scholars at risk, which we are introducing in partnership with Carnegie Mellon University.

We remain grateful for your strong support, which is vital for our effectiveness.

All the best,

Martin Chalfie
Chair

500 Fifth Street, NW, Washington, DC 20001
Phone 202.334.3043 Fax 202.334.2225 E-mail chr@nas.edu www.nationalacademies.org/humanrights/

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Ninth 4K video taken with my Panasonic FZ1000 Mark 2 bridge camera (45 mins) (2019-11-25 00:32) - Turritopsis Dohrnii Teo En Ming

Civic Fest 2019 at Carrot Center 24 Nov 2019 Sun (EMMA Singapore Championship)

Link: [1]https://www.youtube.com/watch?v=HCs5Gg1TsjY

Solved auto focusing issue by switching from AFS/AFF to AFC (Auto Focus Continuous).

1. https://www.youtube.com/watch?v=HCs5Gg1TsjY

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Eighth 4K video taken with my Panasonic FZ1000 Mark 2 bridge camera (1 min 23 secs)

(2019-11-24 11:02) - Turritopsis Dohrnii Teo En Ming

National Bikers Weekend at Downtown East 23 Nov 2019 Sat

Link: [1]https://www.youtube.com/watch?v=xWzrJb-DkLg

1. `https://www.youtube.com/watch?v=xWzrJb-DkLg`

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Autobiography of Singaporean Targeted Individual Mr. Turritopsis Dohrnii Teo En Ming (Very First Draft, Lots More to Add in Future) (2019-11-23 09:56) - Turritopsis Dohrnii Teo En Ming

Primary Subject: Autobiography of Singaporean Targeted Individual Mr. Turritopsis Dohrnii Teo En Ming (Very First Draft, Lots More to Add in Future)

Secondary Subject: Year 2019 to Year 200000000000019: Top 15 Blacklisted Photographers in Singapore

FIRST DRAFT 11 NOVEMBER 2019 (11.11.2019)

My name is Mr. Turritopsis Dohrnii Teo En Ming. The full legal name on my Singapore NRIC identity card (government issued ID) is Turritopsis Dohrnii Teo En Ming (Zhang Enming) @ Time Traveller. Anything after the "@" symbol is an alias. I am a Singaporean Targeted Individual (TI) living in Singapore. I was born in Kandang Kerbau Hospital in Singapore in 1978 (according to my birth certificate). That makes me 41 years old at the time of this writing (21 October 2019).

I am a technical person, not a literary person. Please bear with my English if it does not conform to your expectations.

In the year 1984, I completed my 2nd year kindergarten course at a People's Action Party (PAP) Community Foundation Kindergarten somewhere in Bedok North in Singapore. When I was born, I was already living in Bedok North.

1985: Enrolled into Yu Neng Primary School. Started primary school year 1.

1989: I was transferred to Huamin Primary School (during primary school year 5) when my family moved to Yishun Avenue 5. It was at this time that I realized that something is wrong with my mother. She was hearing voices and thought that our Yishun neighbors were scolding her all the time. Anyone who hears voices is a Targeted Individual.

1990: Completed primary school education with a Primary School Leaving Examination (PSLE) score of 238.

1991: Enrolled into Ahmad Ibrahim Secondary School. Started secondary school year 1 (Express stream). I was 2nd in Level for Secondary 1 (Express) and awarded 1st in History, 1st in Geography and 1st in Design and Technology.

1992: I was 1st in Level for Secondary 2 (Express) and awarded 1st in Geography.

1993: I was 2nd in Level for Secondary 3 (Express) and awarded 1st in Geography.

1994: Completed my secondary school education. I was the GCE "O" Level Top Student at my secondary school, after obtaining 7 A1s and an A2 for my GCE "O" Level Examination in 1994. Awarded certificate of merit for Outstanding Performance in GCE "O" Level Examination 1994, 1st in Level for Secondary 4 (Express), 1st in Additional Mathematics, 1st in Physics.

Here are my grades for GCE "O" Level Examination 1994:

1. English Language, A2

2. Literature in English, A1

3. Geography, A1

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4. Mathematics D, A1

5. Additional Mathematics, A1

6. Physics, A1

7. Chemistry, A1

8. Chinese, A1

1995: Enrolled into Diploma in Mechatronics course at Singapore Polytechnic.

Awarded Cadence Prize for outstanding academic performance in the First Year Diploma in Mechatronics Course.

Awarded Cadence Prize for meritorious academic performance in the Second Year Diploma in Mechatronics Course.

Awarded Frontline Technologies Prize and Motorola Prize for meritorious academic performance in the Diploma in Mechatronics Course (overall).

1998: Graduated from Singapore Polytechnic with a Diploma in Mechatronics (with Merit). Conscripted into the Singapore army.

2001: Completed National Service. Enrolled into mechanical engineering undergraduate degree course at the National University of Singapore (NUS).

December 2006: Completed university studies with a Bachelor of Engineering (Mechanical Engineering) Second Class Honours (Lower) degree.

Afer graduation from NUS, I got a job as an Engineer (Information Technology) at Defense Science and Technology Agency (DSTA) in February 2007. I was young and impulsive with a lot of anger and frustrations due to my family situation. I was also extremely retarded, extremely imbecile and an idiot. When I was having a private casual conversation with my manager Mr. Loh Choon Fah in his office at DSTA, I said:

"Singapore is not a democracy. When Singapore strong man Lee Kuan Yew is gone, there would be more freedoms in the country."

As a consequence of my retarded, idiotic and careless remarks on Singapore Minister Mentor Lee Kuan Yew, I failed to obtain Top Secret security clearance when I was in DSTA and was forced to resign in August 2007. On retrospection, it was the year 2007 that I became targeted and began hearing menacing and threatening voices from the government. The Singapore Government had waged psychological warfare on me.

Governments all over the world have been covertly using Government Mind Control Technology (GMCT) for decades to make their own citizens hear government voices. You should read "Microwave Weapons Are Prime Suspect in Ills of U.S. Embassy Workers" published by The New York Times. This is the Gospel for Targeted Individuals (TIs). The link is https://www.nytimes.com/2018/09/01/science/sonic-attack-cuba-microwave.html
There are 3 major functions of Government Mind Control Technology:

(1) Read your mind and thoughts remotely. This is also known as Remote Neural Monitoring (RNM).

(2) See through your eyes.

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(3) Hear through your ears.

Targeted Individuals (TIs) are constantly under 24x7 thought surveillance.

In September 2007, I found another job as a System Engineer (Information Technology) at NCS Pte Ltd. I couldn't concentrate on my job due to constant targeting by the Singapore Government, so I had to leave my job after one year in August 2008.

After some job searching, I joined AsiaSoft Online Pte Ltd as an Information Systems Engineer in February 2009. There was a change of IT manager in September 2009. The new IT manager Mr. Melvin Lee had challenged me to complete an IT project in a few weeks. I was retarded, imbecile and idiotic once again. In response to his challenge, I used Singapore Minister Mentor Lee Kuan Yew as a bet. I told Melvin Lee that if I couldn't complete the assigned IT project in 2 or 3 weeks, then Singapore Minister Mentor Lee Kuan Yew would be a wang ba dan [Hanyu Pinyin]. In Chinese language, wang ba dan [Hanyu Pinyin] refers to a tortoise or turtle. Before I could realize it, targeting by the Singapore Government had become much much much more worse and increased many many many folds. I deeply regretted my imbecility and stupidity. I left AsiaSoft Online Pte Ltd in October 2009 due to paranoia.

November 2009: I was the first person in the world to have ported/converted Google Chrome OS for netbooks from 32-bit to 64-bit. I have also added in support for open source Xen virtualization. I named it ChromiumOS64.

References:

[0] Article at Xen Project Blog: Announcing the Release of the World's First 64-bit Build of Google's Chromium OS with Xen Virtualization Support
Link: https://blog.xenproject.org/2009/12/03/announcing-the-release-of-the-worlds-f irst-64-bit-build-of-googles-chromium-os-with-xen-virtualization-support/

[1] Article at Virtualization.info: Xen slips in Google Chrome OS (sort of)
Link: http://virtualization.info/en/news/2009/12/xen-slips-in-google-chrome-os-sort -of.html

[2] Article at TechRadar: 64-bit Chromium OS surfaces
Link: https://www.techradar.com/sg/news/software/operating-systems/64-bit-chromium- os-surfaces-656314

[3] Article at Gizmodo: 64-bit Chromium Now Available for Mac Users
Link: https://gizmodo.com/5420470/64-bit-chromium-now-available-for-mac-users

[4] Article at Linux Questions: Latest Google Chrome OS Download: Guaranteed to Work!
Link: https://www.linuxquestions.org/questions/linux-software-2/latest-google-chrom e-os-download-guaranteed-to-work-771093/

[5] Article at Fedora Project: Screenshot Tutorial: How to D-I-Y your own Google Chrome OS with Xen-based Ubuntu 9.10 Karmic Koala amd64 Virtual Machine in Fedora 11 x86 _64 Pv-Ops Dom0
Link: https://lists.fedoraproject.org/archives/list/users@lists.fedoraproject.org/t hrea-d/IFD5YGGK3GUQPTNFVSWZTZNWRNLSIRQA/?sort=date

[6] Article at Xen Project: [Xen-users] Announcing the Release of the World's First 64-bit Build of Google's Chromium OS with Xen Virtualization Support
Link: https://lists.xenproject.org/archives/html/xen-users/2009-12/msg00091.html

[7] Article at VMware forums: Latest Google Chrome OS VMware VMDK Image File Available for Download

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and Testing
Link: https://communities.vmware.com/thread/243986

[8] YouTube Video: Google Chrome OS (Chromium OS) on Xen
Link: https://www.youtube.com/watch?v=Icl59WmC56I &gl=SG &hl=en-GB

[9] Article at VirtualBox: Latest Google Chrome OS Download: Guaranteed to Work!
Link: https://forums.virtualbox.org/viewtopic.php?f=2 &t=24965

[10] Article at liliputing: Enthusiast makes 64-bit build of Google Chrome OS available
Link: https://liliputing.com/2009/11/enthusiast-makes-64-bit-build-of-google-chrome -os-available.html

[11] Article at 3dnews Russia: ChromiumOS64 – 64-битная Chrome OS
Link: https://3dnews.ru/583927

[12] Article at Ubergizmo: Google Chrome OS in 64-bit
Link: https://www.ubergizmo.com/2009/12/google-chrome-os-in-64-bit/

Between October 2009 and December 2011, I went through hell on Planet Earth. I hear menacing and threatening voices from the Singapore Government every day and every minute.

Fast forward to the year 2011, my family moved from Bedok Reservoir Road to Toa Payoh. We had moved from Yishun Avenue 5 to Bukit Batok in Singapore but I can't recall which year it was at the moment. Then from Bukit Batok to Bedok Reservoir Road.

One night in May 2011, I was walking along the street outside Giant Hypermarket at Toa Payoh Lorong 4, thinking to myself and speaking to nobody. To my surprise, I heard a voice reiterating my thoughts. I went home, did a Google search and found out that I am actually a Targeted Individual! After the discovery that I am actually a Targeted Individual, government voices tapered off after December 2011.

For a period of five years between 2007 and 2011, I couldn't sustain and concentrate on my jobs because I was hearing government voices constantly. After the government voices tapered off after December 2011, I was lost and didn't know what to do for another five years between 2012 and 2016. I was going into and out of numerous jobs between 2012 and 2016 as well.

In 2016, I finally decided and made up my mind that I wanted to be an Information Technology Support Engineer.

Oct 2016: Enrolled into one-year part-time Diploma (conversion) in Computer Networking course at Singapore Polytechnic.

21 March 2017: Applied for refugee status/political asylum at the United Nations Refugee Agency in Bangkok, Thailand. The United Nations Refugee Agency in Bangkok does not operate a refugee shelter and does not provide financial assistance to refugee seekers. Armed with only SGD $300, I had to fly back to Singapore the next day on 22 March 2017. With only SGD $300 left, no hotel in Bangkok, Thailand would allow me to stay on indefinitely for free. As I have mentioned earlier, there is no refugee shelter in Thailand and the United Nations Refugee Agency does not provide financial assistance to refugee seekers.

April 2017 to July 2017: I was working at a systems integrator (SI) firm in Singapore as an IT support engineer. I resigned in July 2017 because I wanted to spend all my time preparing for the final exams in August 2017. It would be my very first IT certification and I wanted to make sure I pass the final exams and get the Diploma in Computer Networking. It was also the very first time I flew to Taipei, Taiwan and attended Taiwan Adult Expo in 2017 while I was having a job.

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Oct 2017: Graduated from Diploma (conversion) in Computer Networking course at Singapore Polytechnic with 4 Distinctions and a Grade A for ET1505 project.

After graduation, I worked part-time at Challenger superstore as a retail assistant for some time before working as a security guard at National Library Board at Bugis for 3 months.

Nov 2017: I flew to Tokyo, Japan to attend Japan Adult Expo 2017 and tried to apply for the role of JAV actor. It was my very first time in Japan.

Late Nov 2017: After I returned to Singapore from Tokyo, Japan, I started working for a very small systems integrator (SI) firm in Singapore as an IT support engineer. I worked in this company for 1 year (12 months). Initially, when I joined this company, salary payment was on time for the first 2 or 3 months. Subsequently, salary payment was delayed by 2-3 weeks every month. In the final 2+ months of my 1 year stay, I couldn't get my salary of about $5000. I had to chase after my boss almost every day for my outstanding salaries for close to 2 months. My boss was irritated by my constant chasing and decided to terminate my employment on 22 Nov 2018 but he asked me to work for him for another one month. When I still couldn't get my outstanding salaries, I approached the Ministry of Manpower (MOM) which told me that I am entitled to resigned without notice if I am unable to get my salary after 7 days. On 3 December 2018, I proceeded to resign without notice and filed my salary claim at the Tripartitle Alliance for Dispute Management (TADM). Both the boss and myself signed the Settlement Agreement and I had to file the Settlement Agreement at the State Courts in Singapore. I managed to receive my outstanding salary of slightly more than $5000 in five monthly installments until 28 April 2019.

August 2018: Attended Taiwan Adult Expo 2018 and Taipei Red Expo 2018 in Taipei, Taiwan

January 2019: I worked as a Deployment Engineer at National Environment Agency, Ministry of Environment and Water Resources, in Singapore before being terminated after only 2 weeks.

I joined another SI company in Singapore as a Senior Technical Support Engineer on 25 February 2019 under the e2i Career Trial scheme. I was terminated immediately without notice on 6 June 2019 (Allied D-day).

1-5 August 2019: Attended Taiwan Adult Expo 2019 and Taipei Red Expo 2019 in Taipei, Taiwan. Applied for refugee status/political asylum at the National Immigration Agency, Ministry of the Interior, Republic of China (Taiwan) in Taipei on 5 August 2019.

——BEGIN NTUC LEARNING HUB——

4 March 2017 to 10 April 2017: Attended Cisco Certified Network Associate (CCNA) course at NTUC Learning Hub in Singapore. Awarded Certificate of Completion for CCNA course by NTUC Learning Hub in Singapore.

6 Jan 2019 to 3 Feb 2019: Attended Certified Information System Security Professional (CISSP) course at NTUC Learning Hub in Singapore. Awarded Certificate of Completion for CISSP course by NTUC Learning Hub in Singapore.

——END NTUC LEARNING HUB——

When you become a Targeted Individual, the government will attack you on all fronts, according to millions of Targeted Individuals all over the world.

——BEGIN SECTION A——

The first thing the government will attack you on is your health.

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Please read the Learning Guide / Reference Book / Handbook / Manual / Textbook for Targeted Individuals published by Targeted Individuals Europe (or Targeted Individuals in European Countries). The link is https://targetedindividualseurope.wordpress.com/ti-symptoms/

Let's look at Singaporean Mr. Cheong Wei Chang, who sued Singapore Prime Minister Lee Hsien Loong in the Supreme Court in Singapore for *government-induced health problems* and failed job interviews. He claimed that the prime minister made him shit blood.

Here are 3 news articles on Singaporean Mr. Cheong Wei Chang.

[001] News Article: Man's suit against Lee Hsien Loong alleging woes caused by PM's 'department' thrown out
News Platform: Yahoo! News Singapore
Link: https://sg.news.yahoo.com/mans-suit-lee-hsien-loong-alleging-woes-caused-pms-de partment-thrown-124212754.html

[QUOTE] In all, Cheong enclosed three volumes of documents comprising miscellaneous photos relating to a variety of his supposed woes. The photos and their captions related to topics ranging from failed job interviews and errors in finance textbooks to health problems.

...snipped...

Cheong said Lee "and/or his department's regulations concern (sic) my health and activities", and that Lee "did not address my concerns on the regulations of activities when I asked for the regulations of activities to stop". [UNQUOTE]

[002] News Article: Man Sues PM Lee For Blood In Stools; Case Thrown Out Of Court Twice
News Platform: Mustsharenews.com
Link: https://mustsharenews.com/blood-stools-pm-lee/

[QUOTE] Of bloody stools & failed interviews

...snipped...

The second was a failed job interview at Citibank. [UNQUOTE]

[003] News Article: Plaintiff tries to sue Lee Hsien Loong, claims Prime Minister made him shit blood
News Platform: The Independent Singapore
Link: http://theindependent.sg/plaintiff-tries-to-sue-lee-hsien-loong-claims-prime-mi nister-made-him-shit-blood/

[QUOTE] A local man has failed in his attempt to sue Singapore Prime Minister Lee Hsien Loong for imposing "regulations" on his life that seems to hamper the plaintiff's quality of life.

...snipped...

In the judgment on the case that was released on the Supreme Court's website last Friday, it appears that the man, Mr Cheong Wei Chang, tried to sue PM Lee in his capacity as the head of Government for

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imposing “regulations of activities” on him that “concern my health
and activities.”

...snipped...

Revealing that the volumes pointed to a wide variety of topics such as
failed job interviews, health issues and errors in finance textbooks,
judicial commissioner Valerie Thean provided three examples of the
issues Mr Cheong attributed to PM Lee, in the judgment. [UNQUOTE]

I am of the opinion that Singaporean Mr. Cheong Wei Chang is also a Targeted Individual.

Coming back to myself. I have so many medical problems at 41 years old. Here is the list:

(1) memory problems

(2) eye problems

(3) mild, random, and intermittent chronic chest pain for 10 years, since about 2009 i think

(4) irritable bowel syndrome (IBS)

(5) nutritional deficiency disorder

(6) high cholesterol

(7) high triglycerides

(8) diabetes mellitus

(9) borderline blood pressure

(10) osteoarthritis of both knees (degeneration or wear and tear of knee joints)

(11) eczema on both feet

Looking at the cases of Singaporean Mr. Cheong Wei Chang and also Singaporean Mr. Gilbert Louis, I am wondering if all of the above medical problems were induced by the Singapore Government covertly. I am suspecting that the Singapore Government covertly gave me so many medical problems.

Referring to osteoarthritis of both knees, is the Singapore Government trying to handicap me so that I cannot even work in mediocre low-paying part time and temporary jobs in Singapore and travel out of Singapore? Most people develop osteoarthritis of both knees in the late 50s, 60s, 70s and 80s. I have osteoarthritis too early at 41 years old.

Not forgetting Singaporean Mr. Gilbert Louis, he claimed that the Singapore Government made him suffer five heart attacks. And of course Singaporean Mr. Gilbert Louis is a Targeted Individual as well.

Please read the Learning Guide / Reference Book / Handbook / Manual / Textbook for Targeted Individuals published by Targeted Individuals Europe (or Targeted Individuals in European Countries). The link is https://targetedindividualseurope.wordpress.com/ti-symptoms/

—–END SECTION A—–

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——BEGIN SECTION B——

The second thing the government will attack you on is your employment, according to millions of Targeted Individuals all over the world.

Please read the Learning Guide / Reference Book / Handbook / Manual / Textbook for Targeted Individuals published by Targeted Individuals Europe (or Targeted Individuals in European Countries). The link is https://targetedindividualseurope.wordpress.com/ti-symptoms/

Covertly and subtlely, governments do not allow Targeted Individuals to have sustainable employment.

Millions of Targeted Individuals all over the world report frequent termination from employment or frequently forced to resign.

I am no exception. For the past 13 years after graduating from National University of Singapore in 2007, I have extremely little employment history. For the past 13 years after graduating from National University of Singapore in 2007, I was extremely under-employed and under-achieved. For the past 13 years after graduating from National University of Singapore in 2007, I was FREQUENTLY terminated from employment or forced to resign.

Covertly and subtlely, governments do not allow Targeted Individuals to have sustainable employment.

At 41 years old now, my total CPF savings is only approximately SGD $66,000 (as at 10 Nov 2019 Sunday). In contrast, Singaporean Mr. Gerald Tan has some SGD $700,000 in his CPF account. Most of the average people at my age now would have AT LEAST SGD $300,000 to SGD $400,000 in their CPF accounts. My extremely low CPF savings of about SGD $66,000 is a testament to the fact that I have very little employment history for the past 13 years after graduating from National University of Singapore in 2007. The Singapore Government simply do not allow me to have sustainable employment.

Governments also do not allow Targeted Individuals to be financially independent and earn a lot of money.

Sometime ago, The Straits Times reported that a Singaporean housewife was cheated of some SGD $700,000 (almost a million dollars).

Recently, Stomp in Singapore reported that a Singaporean man flaunted SGD $354,000 in his POSB bank account to his Facebook dating partner.

On 8 Oct 2019, I picked up someone's UOB bank ATM slip showing a bank balance of SGD $67,658.

On 5 Nov 2019 Tuesday, I saw a Caucasian man at Tan Tock Seng Hospital in Singapore with SGD $264,000 in his bank account. I had a chance to glimpse at the screen on the ATM machine.

It seems that almost everyone in Singapore is a lot a lot richer than me while I live in extreme poverty in Singapore.

In stark contrast, my personal savings is mediocre and insignificant. As of 10 November 2019 Sunday, I have LESS THAN SGD $1800 in my bank accounts. I can barely survive 3 months with LESS THAN SGD $1800 personal savings.

At 41 years old now, I do not even own a HDB flat! The extremely low income group in Singapore lives in the most basic HDB 3-room flats. But I do not even own a HDB 3-room flat! I am now living in a HDB 1-room rental flat (which I do not own obviously) meant for the extremely poor in Singapore. I live in EXTREME

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POVERTY in Singapore.

Besides not owning any residential property, I also do not have any car. In addition, I have never had any credit cards for the past 41 years of my life.

I live in EXTREME POVERTY in Singapore and I simply love to flaunt my poverty! I am still STRUGGLING to find mediocre low-paying part time and temporary jobs in Singapore to feed myself while a foreign expatriate from India, who is a manager director in JP Morgan in Singapore, earns SGD $66,333 per month. I am STRUGGLING to earn SGD $7 to SGD $15 per hour in mediocre low-paying part time and temporary jobs in Singapore. I heard that the foreign expat who earns SGD $66,333 per month in Singapore only has a university degree from Hull University. It seems that Hull University is ranked 500th to 600th in the world while I have a university degree from the National University of Singapore with 2 polytechnic diplomas!

Therefore, Governments do not allow Targeted Individuals to be financially independent and earn a lot of money.

Most Singaporeans travel overseas *frequently every year* but I have only made a MEDIOCRE number of overseas trips for the past 41 years of my life.

Many photographers in Singapore are able to spend at least SGD $500 to SGD $600 every month in joining organized model photoshoots while I can only spend SGD $60 to SGD $70 every 3 or 4 months or perhaps even longer.

At my age, with my education, caliber and infocomms technology (ICT) skillset, I should be able to earn at least SGD $9000 per month as manager, senior manager, or director. But I live in extreme poverty in Singapore.

Since 5 December 2018, I have attended 22 FAILED job interviews so far. At my most recent 22nd job interview at HCL Insys Pte Ltd on 6 Nov 2019 Wednesday, I told the interviewer Mr. Raju that my application for Top Secret security clearance was rejected 13 years ago in 2007 while I was working for DSTA. Mr. Raju told me that there’s a very high chance that my application for security clearance would be rejected again should I want to work for HCL Insys Pte Ltd as a Desktop Support Engineer Level 2. He says that my records at MSD or ISD would not go away in 5, 10 or even 50 years. Mr. Raju frankly told me not to waste my time applying for government jobs which require security clearance as I would never be successful. He advised me to tell recruitment consultants from recruitment agencies that I am not interested in government jobs in Singapore which require security clearance. HCL Insys Pte Ltd works closely with the Government of Singapore in government projects.

You can also read my blog postings "Facts in the Singapore Political Context" at

http://tdtemcerts.blogspot.com/2019/07/facts-in-singapore-political-context.h tml

https://tdtemcerts.wordpress.com/2019/07/16/facts-in-the-singapore-political- context/

Therefore, Governments do not allow Targeted Individuals to be financially independent and earn a lot of money.

Please read the Learning Guide / Reference Book / Handbook / Manual / Textbook for Targeted Individuals published by Targeted Individuals Europe (or Targeted Individuals in European Countries). The link is https://targetedindividualseurope.wordpress.com/ti-symptoms/

——END SECTION B——

——BEGIN SECTION C——

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The final topic I am going to touch on is that the Singapore Government is also trying to prevent me from enjoying my hobby. I am a hobbyist photographer and videographer who loves to take photos and videos of show girls, models, talents, cosplayers and celebrities in car shows, tech shows, trade shows, cosplay conventions, celebrities meet-and-greet and other events in Singapore.

When you become a Targeted Individual, one of the most common things the government will do to you is to spread rumours about you. Governments will launch rumour-mongering campaigns against Targeted Individuals with the help of secret government operatives.

Please read the Learning Guide / Reference Book / Handbook / Manual / Textbook for Targeted Individuals published by Targeted Individuals Europe (or Targeted Individuals in European Countries). The link is https://targetedindividualseurope.wordpress.com/ti-symptoms/

I think the Singapore Government has spread so many rumours about me that many show girls, models, talents and some cosplayers in Singapore do not allow me to take photos and videos of them.

The second reason why many show girls, models, talents and some cosplayers in Singapore refuse to let me take photos and videos of them is because the Singapore Government had probably passed down orders and instructions to them telling them not to allow me to take photos and videos of them.

The third reason why many show girls, models, talents and some cosplayers in Singapore refuse to let me take photos and videos of them is because of self-censorship. It is because I am a Targeted Individual. A Targeted Individual is a person who is persecuted, targeted and marked by the government. So these show girls, models, talents and cosplayers are afraid of having photos and videos taken by me. In a The Online Citizen Singapore (TOCSG) article which I can't seem to find now, a Singaporean manager was reported to be very afraid of taking photos together with the Singapore Democratic Party (SDP) chairman Paul Tambyah and requested for these photos to be deleted. The Singaporean manager claimed that he was afraid for his future and worried about his rice bowl. He is afraid that he would be marked by the Singapore Government. SDP is one of the many Opposition political parties in Singapore. It is a well known fact that millions of Singaporeans are afraid of taking photos together with Opposition political figures for fear of being marked by the PAP government in Singapore. I am a Targeted Individual, so naturally many show girls, models, talents and some cosplayers practiced self-censorship, refusing to let me take photos and videos of them.

The last reason why many show girls, models, talents and some cosplayers in Singapore refuse to let me take photos and videos of them is because of my extreme poverty in Singapore. I have nothing to offer them.

Out of millions and millions of visitors and photographers to car shows, tech shows, and trade shows in Singapore, I am the one and only person who is not allowed to take photos and videos of the show girls, models and talents.

I have never joined Troy Tham Guang Xiong's organized model photoshoots in Singapore before, but he has blocked me from joining his organized model photoshoots. Actually there is no need for Troy Tham Guang Xiong to ban me from joining his organized model photoshoots, because I have no money to join his organized model photoshoots! I live in extreme poverty in Singapore.

—END SECTION C—

—BEGIN GUINNESS WORLD RECORDS—

I live in extreme poverty in Singapore. I simply love to flaunt my poverty! That's why I have applied to set world records at Guinness World Records, but they were mostly rejected probably due to influence from the Singapore Government.

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Here is the list of world records which I have attempted to set at Guiness World Records.

[1] Singaporean Mr. Turritopsis Dohrnii Teo En Ming is the Only Person in the World Who Loves to Flaunt His Poverty

[2] Singaporean Mr. Turritopsis Dohrnii Teo En Ming is the Poorest University Graduate in the World

[3] Singaporean Mr. Turritopsis Dohrnii Teo En Ming Has the Longest Name in the World

[4] Singaporean University Graduate Mr. Turritopsis Dohrnii Teo En Ming is the Only Person in the World Who Likes to Flaunt His Poverty

—END GUINNESS WORLD RECORDS—

—BEGIN Mainstream Newspaper Articles on Targeted Individuals—

(1) [The New York Times] Microwave Weapons Are Prime Suspect in Ills of
U.S. Embassy Workers

Link: https://www.nytimes.com/2018/09/01/science/sonic-attack-cuba-microwave.html
(2) [The New York Times] Microwave Weapons Are Prime Suspect in Ills of
U.S. Embassy Workers

Link: https://www.nytimes.com/2018/09/01/science/sonic-attack-cuba-microwave.html
(3) [The New York Times] Microwave Weapons Are Prime Suspect in Ills of
U.S. Embassy Workers

Link: https://www.nytimes.com/2018/09/01/science/sonic-attack-cuba-microwave.html
(4) [The Washington Post] Mind Games New on the Internet: a community of people who believe the government is beaming voices into their minds. They may be crazy, but the Pentagon has pursued a weapon that can do just that.

Link: https://www.washingtonpost.com/archive/lifestyle/magazine/2007/01/14/mind-gam es-span-classbankheadnew-on-the-internet-a-community-of-people-who-believe-the- government-is-beaming-voices-into-their-minds-they-may-be-crazy-but-the-pentago n-has-pursued-a-weapon-that-can-do-just-that-span/a0d09db6-d7aa-4fcd-a829-2a3eb c56df9d/?utm _term=.c666f33ed933

(5) [New York Times] United States of Paranoia: They See Gangs of Stalkers

Link: https://www.nytimes.com/2016/06/11/health/gang-stalking-targeted-individuals. html

(6) [WIRED] Mind Games: The Tortured Lives of ‘Targeted Individuals’

Link: https://www.wired.com/story/mind-games-the-tortured-lives-of-targeted-individua ls/

—END Mainstream Newspaper Articles on Targeted Individuals—

List of News Articles on Teo En Ming
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(1) Alvinology: Singaporean Guy Attends Taiwan and Japan Adult Expo To Apply For JAV Porn Actor Role - Turritopsis Dohrnii

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Link: https://alvinology.com/2017/11/27/singaporean-guy-attends-taiwan-japan-adult- expo-apply-jav-porn-actor-role-turritopsis-dohrnii/

(2) Yahoo! News: Who is Teo En Ming (Turritopsis Dohrnii)?

Link: https://sg.news.yahoo.com/teo-en-ming-turritopsis-dohrnii-040555470.html

(3) Yahoo! News: Jayley Woo did a paid test shoot with Turritopsis Dohrnii Teo En Ming before she was a Mediacorp talent

Link: https://sg.news.yahoo.com/jayley-woo-did-paid-test-190654481.html

(4) Alvinology: Turritopsis Dohrnii Teo En Ming thinks he is a targeted individual and that the Singapore government is out to get him

Link: https://alvinology.com/2017/12/14/turritopsis-dohrnii-teo-en-ming-thinks-targ eted-individual-singapore-government-get/

(5) Alvinology: Teo En Ming Exclusive Interview: The man behind the 'JAV Porn Actor' Dream

Link: https://alvinology.com/2018/02/06/teo-en-ming-exclusive-interview-man-behind-ja v-porn-actor-dream/

(6) RICE Media: Teo En Ming: Aspiring Actor and 40-Year Old Virgin

Link: http://ricemedia.co/culture-people-teo-en-ming-aspiring-actor-40-year-old-virgi n/

(7) Yahoo! Lifestyle: Teo En Ming: Aspiring Actor and 40-Year Old Virgin

Link: https://sg.style.yahoo.com/teo-en-ming-aspiring-actor-055755269.html

(8) Alvinology: Aspiring Adult Film Actor Teo En Ming goes to Taiwan Adult Film Expo 2018

Link: https://alvinology.com/2018/08/10/aspiring-adult-film-actor-teo-en-ming-goes- to-taiwan-adult-film-expo-2018/

For future updates, please visit my RAID 1 mirroring redundant Blogger and Wordpress blogs at

https://tdtemcerts.blogspot.com/

https://tdtemcerts.wordpress.com/

For my international postings, you can search the following international archives.

[1] https://markmail.org/

[2] https://marc.info/

[3] https://www.mail-archive.com/

[4] https://seclists.org/

[5] https://groups.google.com/forum/ #!overview

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[9] [1]https://marc.info/?l=netfilter &m=157439239715376 &w=2

1. https://marc.info/?l=netfilter&m=157439239715376&w=2

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Seventh 4K video taken with my Panasonic FZ1000 Mark 2 bridge camera (15 mins)

(2019-11-22 11:28) - Turritopsis Dohrnii Teo En Ming

Singapore International Film Festival Red Carpet at Capitol Theatre 21 Nov 2019 Thu

Link: [1]https://www.youtube.com/watch?v=IPX _EimfLZU

1. `https://www.youtube.com/watch?v=IPX_EimfLZU`

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Sixth 4K video taken with my Panasonic FZ1000 Mark 2 bridge camera (45 mins) (2019-11-21 17:07) - Turritopsis Dohrnii Teo En Ming

Yokez Singing Performance at Our Tampines Hub 20 Nov 2019 Wed

Link: [1]https://www.youtube.com/watch?v=wWItaZjzAZg

1. `https://www.youtube.com/watch?v=wWItaZjzAZg`

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Singaporeans are world famous for being the most timid and meek in the world and extremely afraid of the government (2019-11-20 08:57) - Turritopsis Dohrnii Teo En Ming

Singaporeans are world famous for being the most timid and meek in the world and extremely afraid of the government far more than citizens of any other country.

PROOF?

Whereas 2 million people protested and took to the streets in Hong Kong, not even 0.00000000000000001 Singaporean dares to protest in Singapore.

By the way, I am a Singaporean too.

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Ex-presidential candidate Tan Kin Lian: Singaporeans are selfish and self-centered (2019-11-20 08:51) - Turritopsis Dohrnii Teo En Ming

I came across a Facebook post a few days ago where ex-presidential candidate Tan Kin Lian says Singaporeans are selfish and self-centered.

I am still trying to find this Facebook post. Please give me some time to find it.

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4K video rendering speeds with AMD Ryzen 3 3200G CPU and MSI GeForce GTX1650 4 GB GDDR5 GPU **(2019-11-20 08:47) - Turritopsis Dohrnii Teo En Ming**

4K video rendering speeds with AMD Ryzen 3 3200G CPU and MSI GeForce GTX1650 4 GB GDDR5 GPU

Motherboard is Gigabyte B450M DS3H with Transcend 8 GB DDR4-2666 memory.

I have a 2 hr 13 mins 4K video taken with my Panasonic FZ1000 Mark 2 bridge camera.

It took 3 hours 40 mins to render.

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Fifth 4K video taken with my Panasonic FZ1000 Mark 2 bridge camera (2 hrs 13 mins)

(2019-11-20 08:42) - Turritopsis Dohrnii Teo En Ming

Lex Entertainment Productions 18th Anniversary Getai Variety Show at Bukit Merah View 19 Nov 2019

Link: [1]https://www.youtube.com/watch?v=zaCOqAzP278

Updated 21 Nov 2019 Thursday:

New link: [2]https://www.youtube.com/watch?v=yKhOwhPA358

1. `https://www.youtube.com/watch?v=zaCOqAzP278`
2. `https://www.youtube.com/watch?v=yKhOwhPA358`

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I have sold most of my Sony A6300 camera system for SGD$950 (2019-11-19 09:42) - Turritopsis Dohrnii Teo En Ming

[1] Sony A6300 camera body sold for $400, as posted previously

[2] Sigma 30 mm F1.4 prime lens sold for $250, as posted previously

[3] Sony SEL55210 55-210 mm telephoto zoom lens sold for $160, as posted previously

[4] 2 original Sony NP-FW50 camera batteries sold for $40, as posted previously

[5] Sony SELP1650 16-50 mm kit lens sold for $100 at Sengkang MRT station on 18 Nov 2019 Monday at 8.15 PM Singapore Time

Grand Total: SGD $950

I bought my new Panasonic FZ1000 Mark 2 camera with accessories at SGD $1118 on 3 Nov 2019 Sunday. That means I only top up SGD $168 to get my new camera after selling off my old camera of 3 years 5 months! And that also means I *did not* spend much money on getting my new camera!

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Panasonic FZ1000 Mark 2 Simple Review No. 2 (Photos Only) (2019-11-19 09:31) - Turritopsis Dohrnii Teo En Ming

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等你下课!
FOOD PROVIDED
SHUTTLE BUS TO
SENGKANG MRT
4:00 PM / 5:00 PM
Meeting Point @ TRCC BUS BAY
YES 933
顶尖流行音乐电台
YES 933

Fourth 4K video taken with my Panasonic FZ1000 Mark 2 bridge camera (2019-11-19 09:27) - Turritopsis Dohrnii Teo En Ming

Spark The Next: School Hangout at Republic Polytechnic ft DJ Tan Qi Jia, Hazelle Teo 18 Nov 2019 Mon

Link: [1]https://www.youtube.com/watch?v=-Yr _qc7f _1s

1. `https://www.youtube.com/watch?v=-Yr_qc7f_1s`

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Download Red Hat Enterprise Linux (RHEL) 8.1.0 (for development use) (2019-11-17 23:08) - Turritopsis Dohrnii Teo En Ming

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[1] [1]https://lists.centos.org/pipermail/centos/2019-November/174268 .html

1. https://lists.centos.org/pipermail/centos/2019-November/174268.html

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Third 4K video taken with my Panasonic FZ1000 Mark 2 bridge camera (2019-11-17 23:06) - Turritopsis Dohrnii Teo En Ming

[YouTube] Mediacorp Channel 8 Drama The Good Fight Roadshow at Our Tampines Hub 17 Nov 2019 Sun

Link: [1]https://www.youtube.com/watch?v=QR2zorXCha0

1. `https://www.youtube.com/watch?v=QR2zorXCha0`

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Panasonic FZ1000 Mark 2 Simple Review (Photos Only) (2019-11-15 23:19) - Turritopsis Dohrnii Teo En Ming

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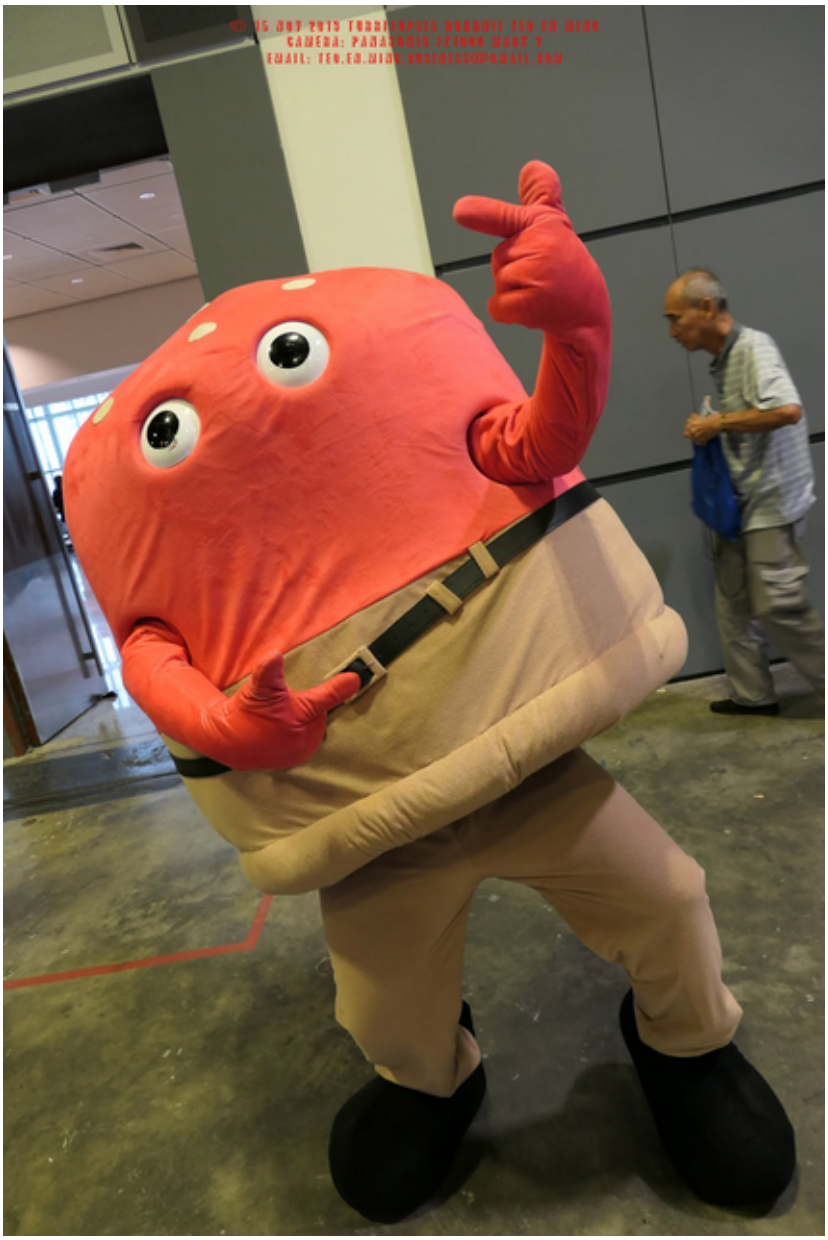

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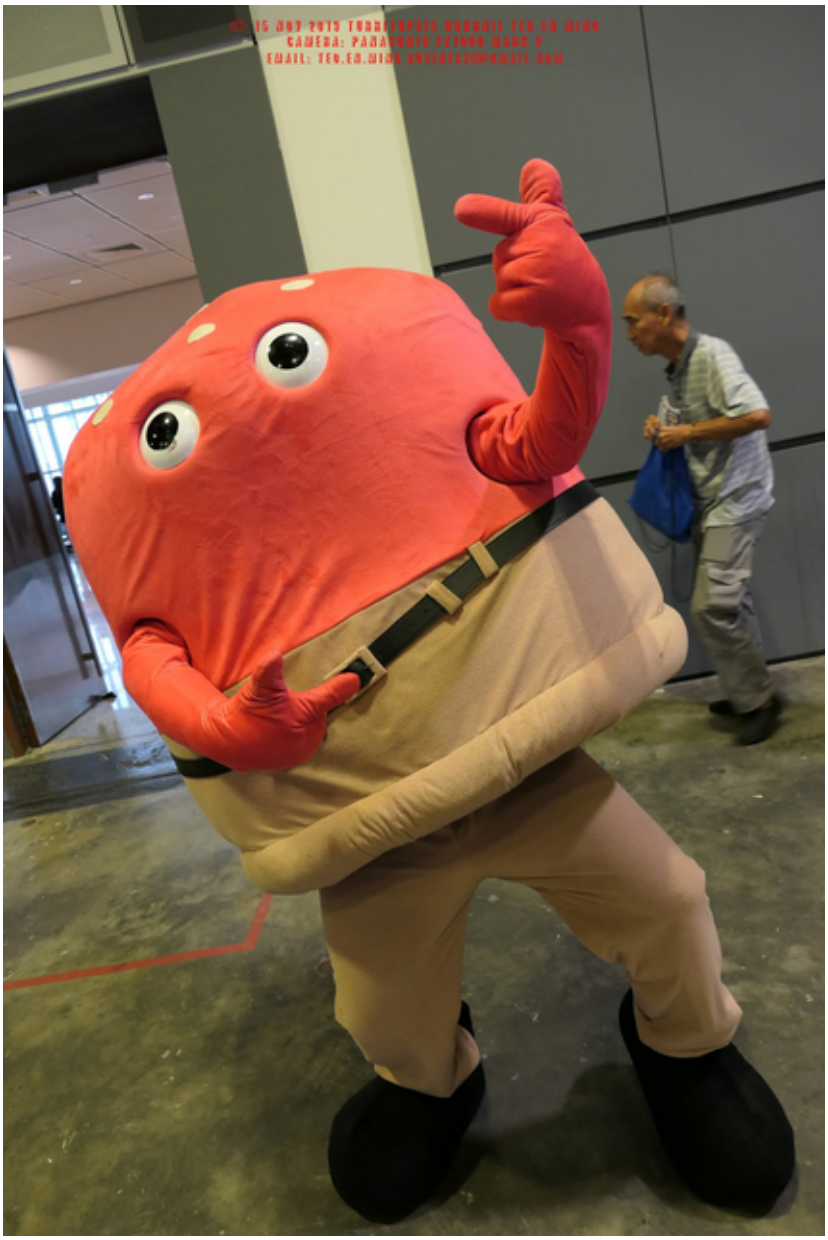

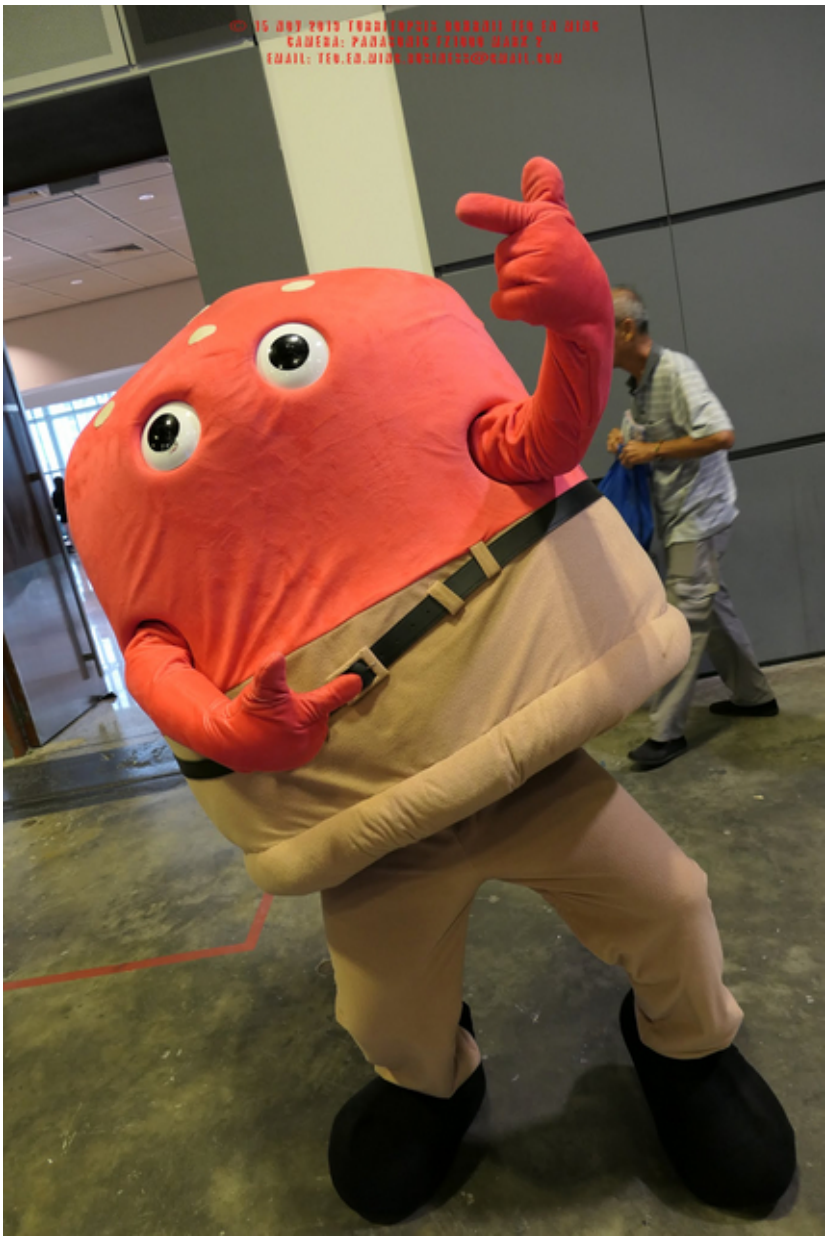

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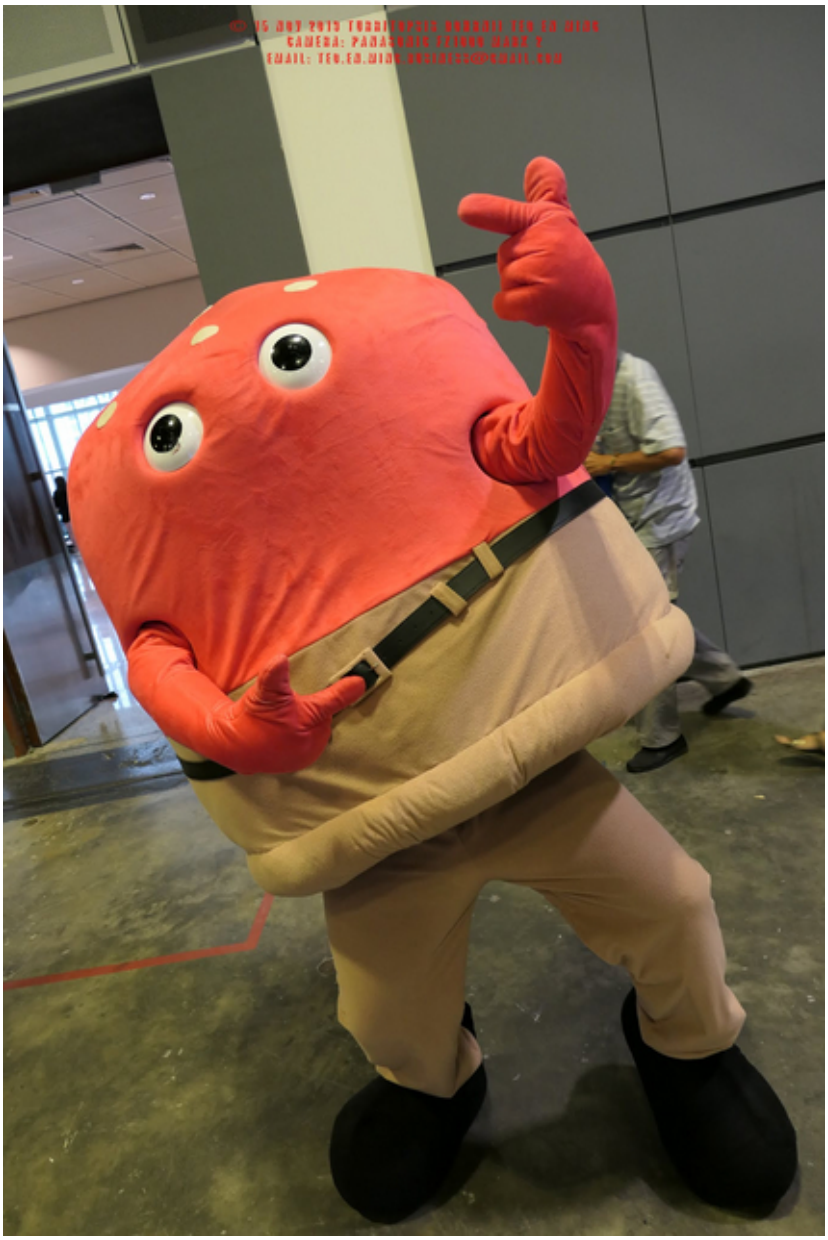

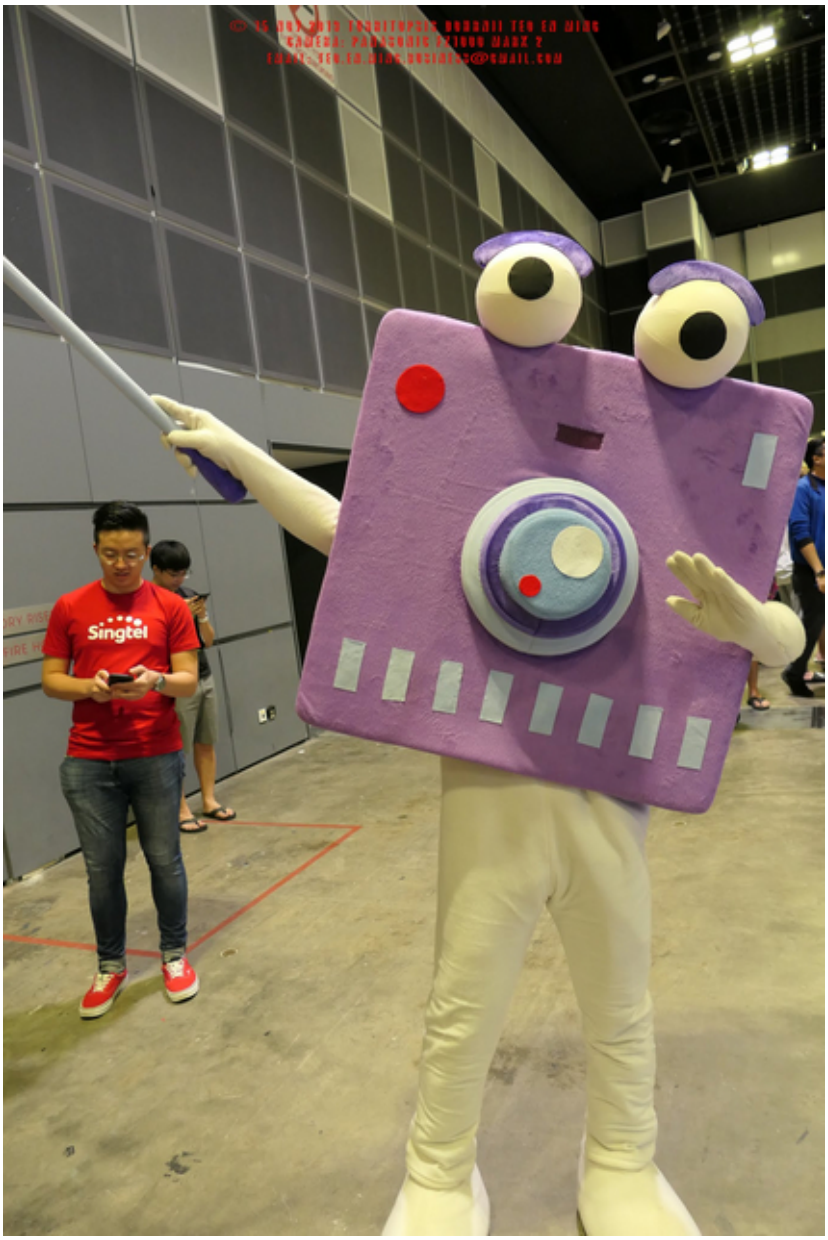

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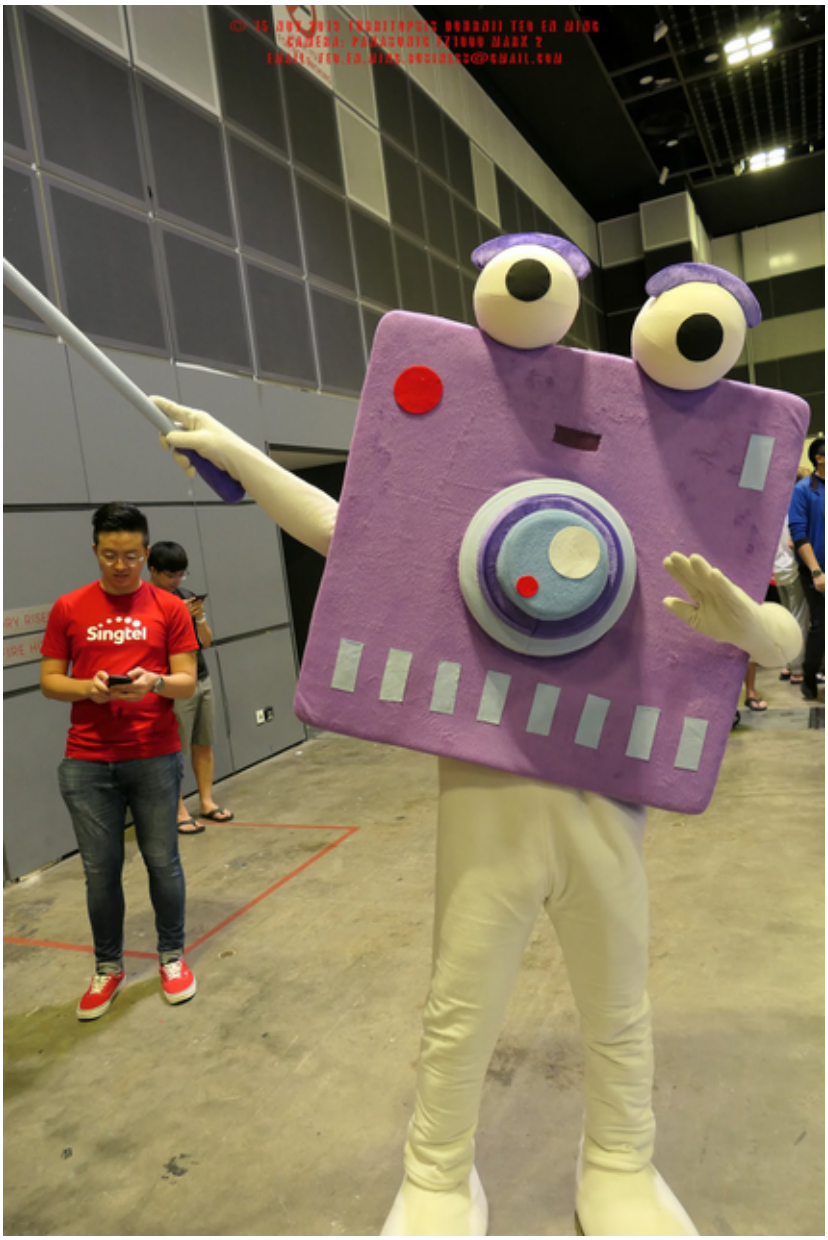

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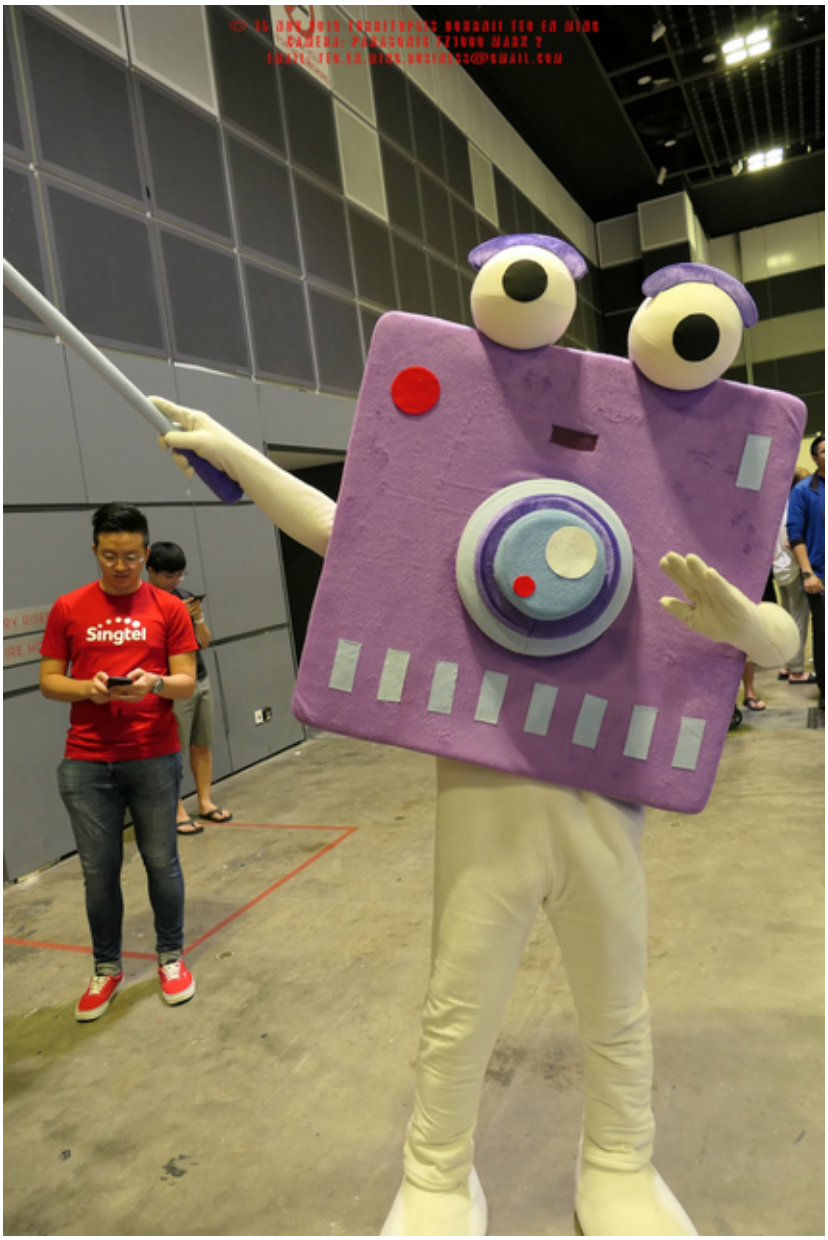

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Panasonic FZ1000 Mark 2 Simple Review (4K Video) (2019-11-15 23:14) - Turritopsis Dohrnii Teo En Ming

Sherr Ng at Flea Market Suntec City 15 Nov 2019 Fri

Link: [1]https://www.youtube.com/watch?v=TjKpDFhb2Wc

1. https://www.youtube.com/watch?v=TjKpDFhb2Wc

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My 1st 4K video taken with my Panasonic FZ1000 Mark 2 bridge camera (2019-11-15 23:11) - Turritopsis Dohrnii Teo En Ming

Starhub Night of Stars 2019 Roadshow Meet and Greet at Causeway Point 3 Nov 2019

Link: [1]https://www.youtube.com/watch?v=mJvcEk2ch3U

1. `https://www.youtube.com/watch?v=mJvcEk2ch3U`

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Pretty Vietnamese Girl Recently Converted into Singapore Citizen (2019-11-13 22:29) - Turritopsis Dohrnii Teo En Ming

13 November 2019 Wednesday
5 PM to 7:30 PM Singapore Time

HDB Hub

I met a pretty Vietnamese girl who was recently converted into Singapore Citizen. She says she used to work for foodpanda as a delivery rider. She even bought an e-scooter for $1400 one month ago but has to stop working as a delivery rider due to Personal Mobility Device (PMD) ban in Singapore. I advised her to sell off her e-scooter but she is reluctant.

Presently she is conducting surveys at HDB Hub.

Her name is Kimberly Chew. She can speak Chinese.

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I met HDB officer Irene at HDB Hub on 13 Nov 2019 Wed at 7 PM (2019-11-13 22:23) - Turritopsis Dohrnii Teo En Ming

I met HDB officer Irene at HDB Hub on 13 Nov 2019 Wed at 7 PM

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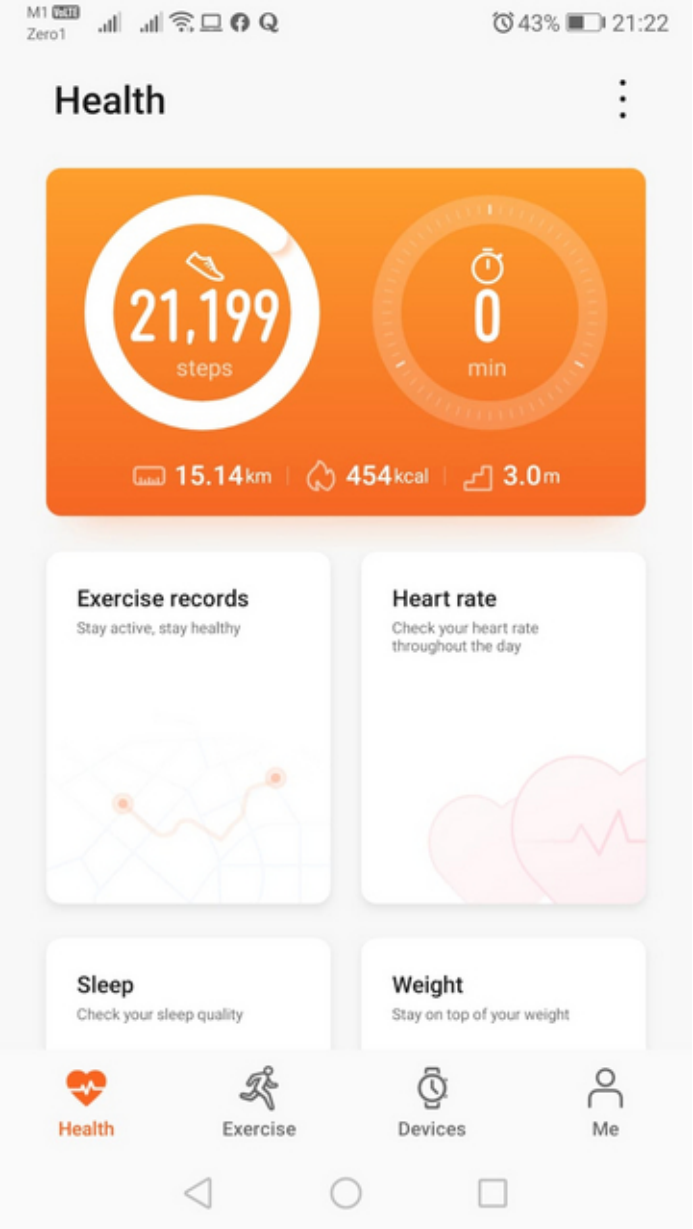
[Exercise] I walked more than 15 KM on 13 November 2019 Wednesday (2019-11-13 22:18) - Turritopsis Dohrnii Teo En Ming



Singapore Democratic Party leader Dr. Chee Soon Juan encouraged me to try applying for refugee status/political asylum in several countries (2019-11-13 22:15) - Turritopsis Dohrnii Teo En Ming

Subject: Singapore Democratic Party leader Dr. Chee Soon Juan encouraged me to try applying for refugee status/political asylum in several countries

I have a chance encounter with Singapore Democratic Party leader Dr. Chee Soon Juan along the street at Toa Payoh Lorong 4 on 13 November 2019 Wednesday at about 3:00 PM Singapore Time. I was on my way home after a 3-hour part time/temporary job from 11 AM to 2 PM Singapore Time when I bumped into Dr. Chee. We had a short discussion. I briefly told Dr. Chee of my plight for the past 13 years, which has been told countless times in my RAID 1 mirroring redundant Blogger and Wordpress Blogs, my autobiography first draft 11 November 2019 and my countless international posts. Dr. Chee advised and encouraged me to try applying for refugee status/political asylum in several countries. We parted soon after.

Teo En Ming's Archives and Records Administration (TEMARA). Office of the Grand Historian. Records made on 13 November 2019 Wednesday Singapore Time.

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[2] [2]http://lkml.iu.edu/hypermail/linux/kernel/1911.1/06889.html

[3] [3]http://lists.linuxfromscratch.org/pipermail/lfs-chat/2019-No vember/029055.html

[4] [4]https://marc.info/?l=linux-alpha &m=157365349202767 &w=2

[5] [5]https://marc.info/?l=linux-m68k &m=157365369302882 &w=2

[6] [6]https://marc.info/?l=linux-wireless &m=157365388002955 &w=2

[7] [7]https://marc.info/?l=linux-arch &m=157365409403050 &w=2

1. https://lkml.org/lkml/2019/11/13/468
2. http://lkml.iu.edu/hypermail/linux/kernel/1911.1/06889.html
3. http://lists.linuxfromscratch.org/pipermail/lfs-chat/2019-November/029055.html
4. https://marc.info/?l=linux-alpha&m=157365349202767&w=2
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7. https://marc.info/?l=linux-arch&m=157365409403050&w=2

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My Changi General Hospital Singapore doctor told me he earns $4,500 per month (2019-11-12 23:19) - Turritopsis Dohrnii Teo En Ming

My Changi General Hospital Singapore doctor told me he earns $4,500 per month.

Recorded by Mr. Turritopsis Dohrnii Teo En Ming on 12 November 2019 Tuesday Singapore Time.

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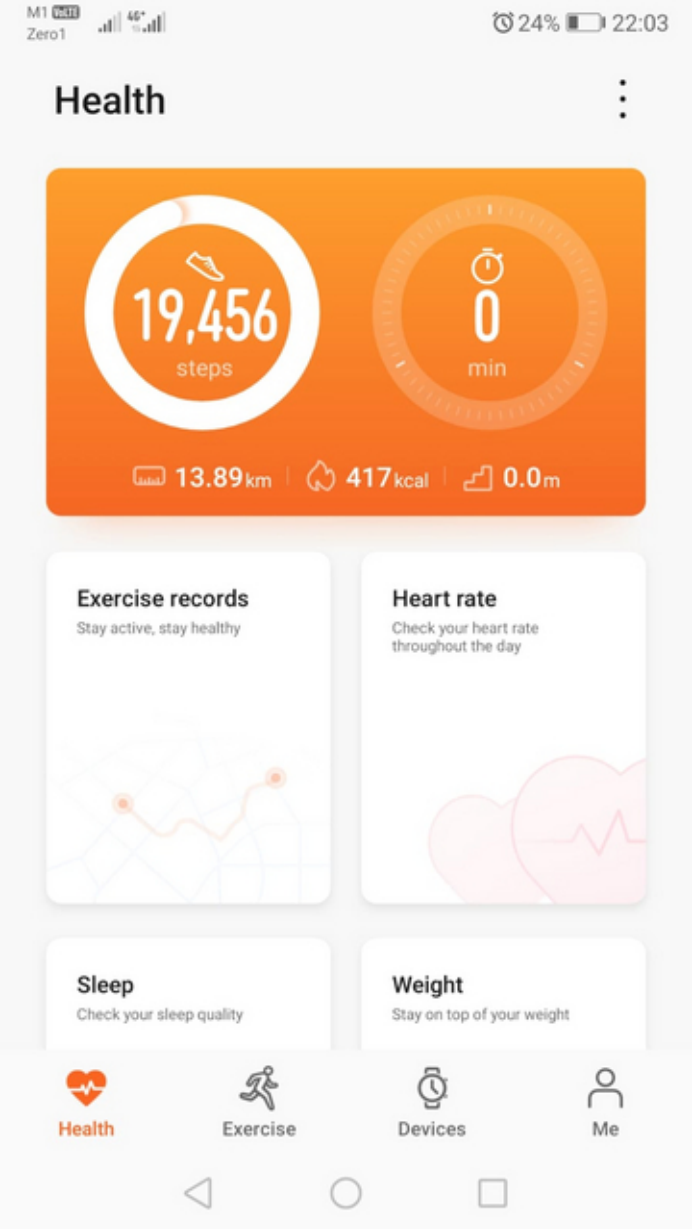
[Exercise] I walked almost 14 km on 12 Nov 2019 Tuesday (2019-11-12 23:16) - Turritopsis Dohrnii Teo En Ming



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I just got to know another 2 Singaporeans who were denied/refused government jobs because of their remarks on the Singapore Government (2019-11-12 23:11) - Turritopsis Dohrnii Teo En Ming

Subject: I just got to know another 2 Singaporeans who were denied/refused government jobs because of their remarks on the Singapore Government

Today, 12 November 2019 Tuesday Singapore Time, I got to know another 2 Singaporeans who were denied/refused government jobs because of their remarks on the Singapore Government.

Donald Trump (not his real name of course), who is a recruitment consultant at job agency Nanotechnology Infocomms (not the real name of the job agency of course) in Singapore, communicated to me he is aware of another 2 Singaporeans who were denied/refused government jobs because of their remarks on the Singapore Government.

According to Donald Trump, the 1st Singaporean passed the first round of security clearance but failed the second round of security clearance. On further thoughts, the 1st Singaporean thought he may have been denied/refused the government job because of his remarks on the Singapore Government.

According to Donald Trump, the 2nd Singaporean was working in a semi-government job involving classified information of government ministers in Singapore. According to Donald Trump, the 2nd Singaporean refused to sign Non-Disclosure Agreement (NDA) because he argued that government ministers in Singapore are public figures. The 2nd Singaporean was subsequently forced to resign or terminated from employment.

Due to privacy laws in Singapore (Personal Data Protection Act (PDPA)), Donald Trump cannot reveal the names of the two Singaporean Targeted Individuals to me. Privacy laws also exist in the European Union and the United States.

The General Data Protection Regulation (EU) 2016/679 (GDPR) is a regulation in EU law on data protection and privacy for all individual citizens of the European Union (EU) and the European Economic Area (EEA). It also addresses the transfer of personal data outside the EU and EEA areas. The GDPR aims primarily to give control to individuals over their personal data and to simplify the regulatory environment for international business by unifying the regulation within the EU.[1] Superseding the Data Protection Directive 95/46/EC, the regulation contains provisions and requirements related to the processing of personal data of individuals (formally called data subjects in the GDPR) inside the EEA, and applies to any enterprise established in the EEA or—regardless of its location and the data subjects' citizenship—that is processing the personal information of data subjects inside the EEA.

The Privacy Act of 1974 (Pub.L. 93–579, 88 Stat. 1896, enacted December 31, 1974, Title 5 United States Code Section § 552a), a United States federal law, establishes a Code of Fair Information Practice that governs the collection, maintenance, use, and dissemination of personally identifiable information about individuals that is maintained in systems of records by federal agencies. A system of records is a group of records under the control of an agency from which information is retrieved by the name of the individual or by some identifier assigned to the individual. The Privacy Act requires that agencies give the public notice of their systems of records by publication in the Federal Register. The Privacy Act prohibits the disclosure of information from a system of records absent of the written consent of the subject individual, unless the disclosure is pursuant to one of twelve statutory exceptions. The Act also provides individuals with a means by which to seek access to and amendment of their records and sets forth various agency record-keeping requirements. Additionally, with people granted the right to review what was documented with their name, they are also able to find out if the "records have been disclosed".. and are also given the rights to make corrections.[1]

I am now aware I am definitely not alone and I am definitely not the only Targeted Individual (TI) in Singapore. So far Donald Trump is the only recruitment consultant from only one job agency in Singapore whom I have spoken to. Hence there could be a lot more Targeted Individuals out there in Singapore whom I am not aware

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of yet.

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[2] [2]http://lkml.iu.edu/hypermail/linux/kernel/1911.1/05101.html

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6. https://marc.info/?l=linux-wireless&m=157357042332356&w=2
7. https://marc.info/?l=linux-arch&m=157357061532439&w=2

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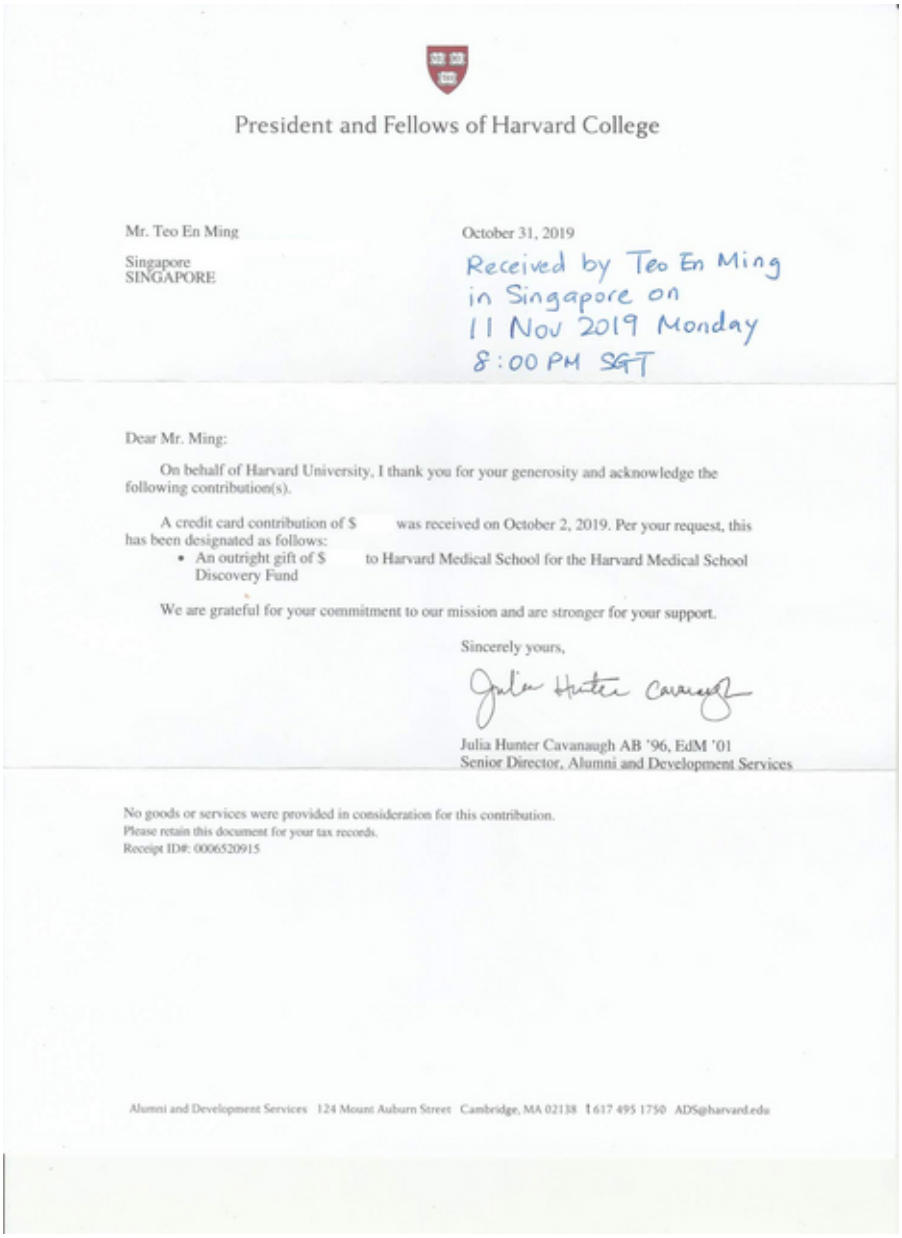
Letter from Harvard University dated 31 Oct 2019 (2019-11-11 22:25) - Turritopsis Dohrnii Teo En Ming



President and Fellows of Harvard College

Mr. Teo En Ming

Singapore
SINGAPORE

October 31, 2019

Received by Teo En Ming
in Singapore on
11 Nov 2019 Monday
8:00 PM SGT

Dear Mr. Ming:

On behalf of Harvard University, I thank you for your generosity and acknowledge the following contribution(s).

A credit card contribution of $ was received on October 2, 2019. Per your request, this has been designated as follows:

- An outright gift of $ to Harvard Medical School for the Harvard Medical School Discovery Fund

We are grateful for your commitment to our mission and are stronger for your support.

Sincerely yours,

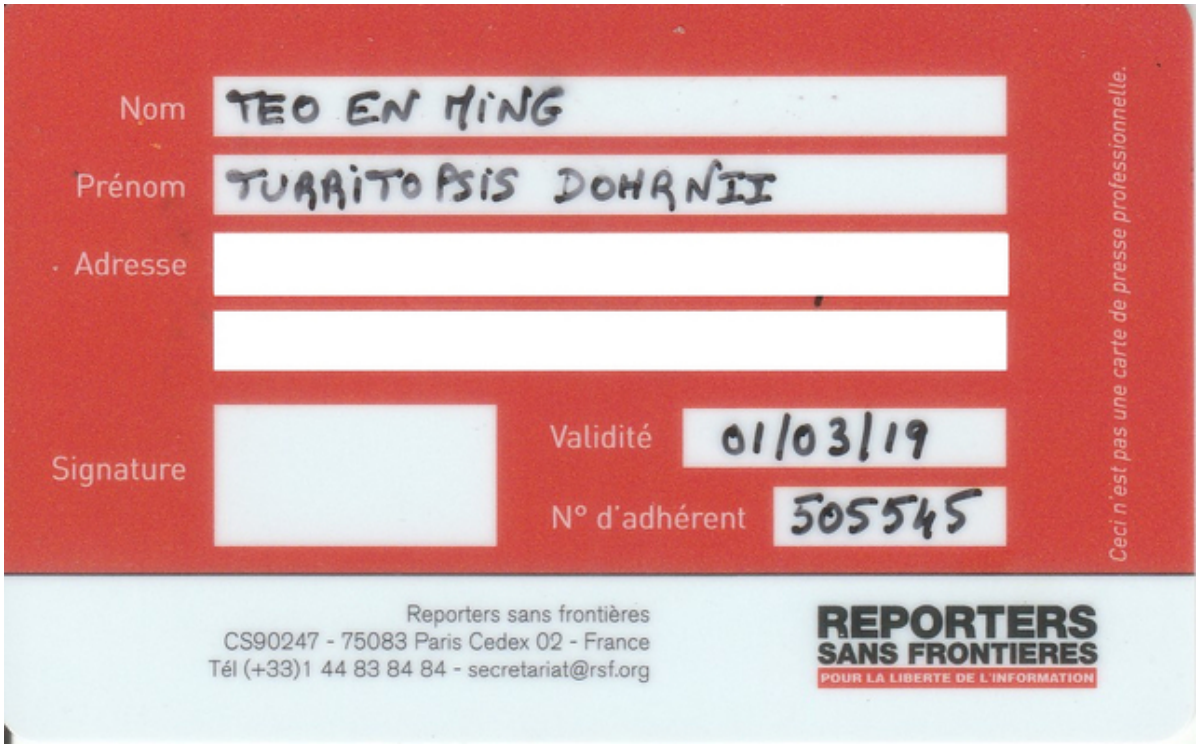
Julia Hunter Cavanaugh

Julia Hunter Cavanaugh AB '96, EdM '01
Senior Director, Alumni and Development Services

No goods or services were provided in consideration for this contribution.
Please retain this document for your tax records.
Receipt ID#: 0006520915

Alumni and Development Services 124 Mount Auburn Street Cambridge, MA 02138 t 617 495 1750 ADS@harvard.edu

Reporters Without Borders Membership Card (2019-11-11 22:11) - Turritopsis Dohrnii Teo En Ming



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International Bar Association (IBA) Membership Cards (2019-11-11 22:03) - Turritopsis Dohrnii Teo En Ming

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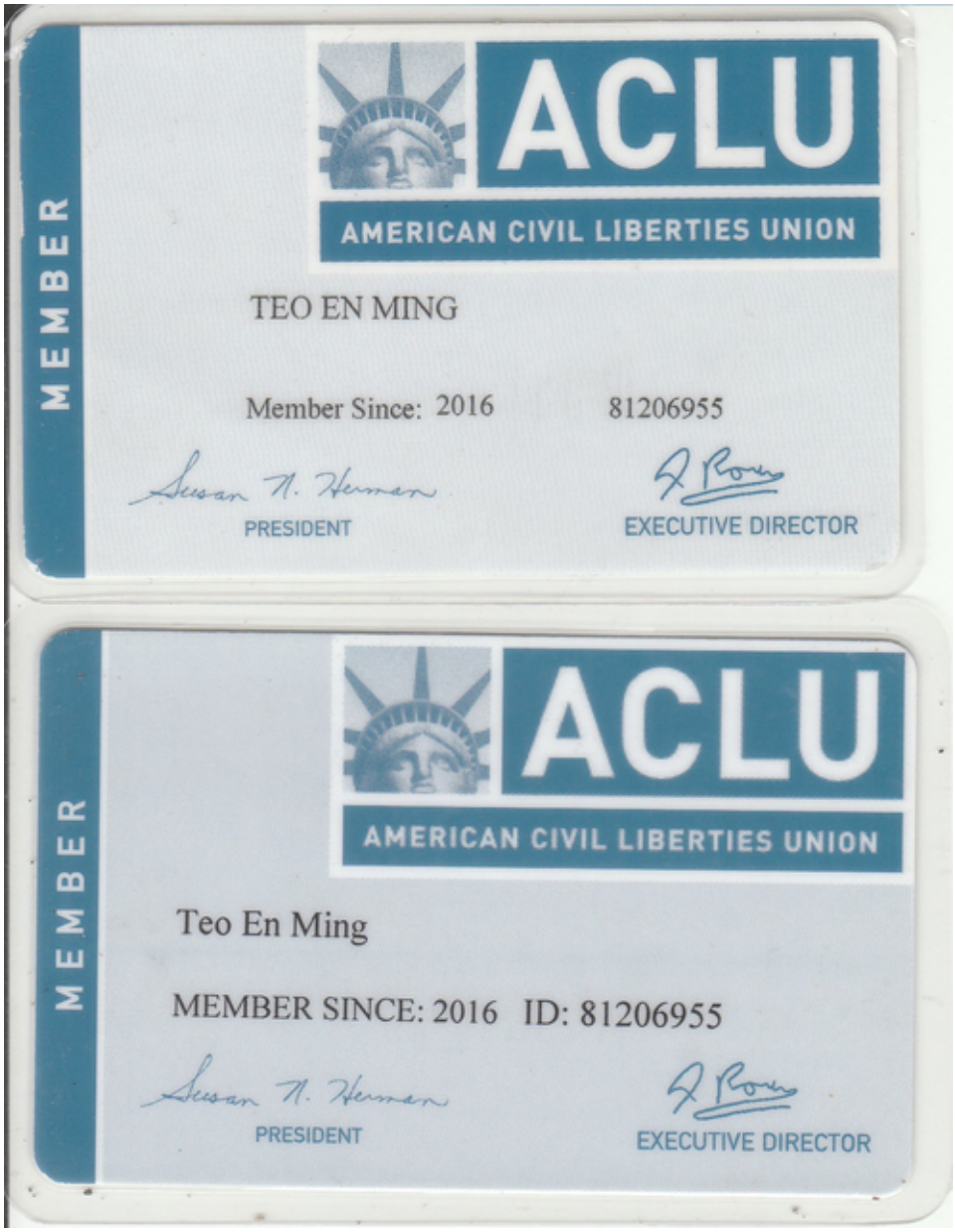
American Civil Liberties Union (ACLU) Membership Cards (2019-11-11 21:53) - Turritopsis Dohrnii Teo En Ming



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Planetary Society Membership Card (2019-11-11 21:40) - Turritopsis Dohrnii Teo En Ming

THE PLANETARY SOCIETY

60 SOUTH LOS ROBLES AVENUE
PASADENA, CA 91101
TPS@PLANETARY.ORG
P 626.793.5100
F 626.793.5528

March 25, 2019

Turritopsis Dohrnii Teo En Ming

Singapore
SINGAPORE

Welcome to Planetary Society membership Turritopsis Dohrnii!

Dear Turritopsis Dohrnii,

Thanks for being part of our member family — you're all set to enjoy a year of discovery, action...and just plain fun!

We've activated your VIP member benefits at the Mariner level, including your subscription to *The Planetary Report* magazine. Please see the back of this letter for a complete list of your benefits.

Your official member card is below, making you a card-carrying space explorer. Sign up now for members-only content on **planetary.org/login.**

There's never been a better time to be a member of the world's leading space exploration team. Groundbreaking new discoveries are being made across our solar system, and most exciting of all, we're preparing to launch our own solar sail spacecraft!

Thanks again for your support. Our journey together on humankind's greatest adventure continues NOW!

Onward,

Bill Nye

Bill Nye, CEO

P.S. Your initial membership gift of on 3/15/2019 is tax-deductible for purposes of U.S. income tax. If you contribute monthly, you will receive a year end tax receipt reflecting the total amount paid toward your membership. Thank you!

Turritopsis Dohrnii Teo E
Mariner
Member # 749417
Member Since: 2019

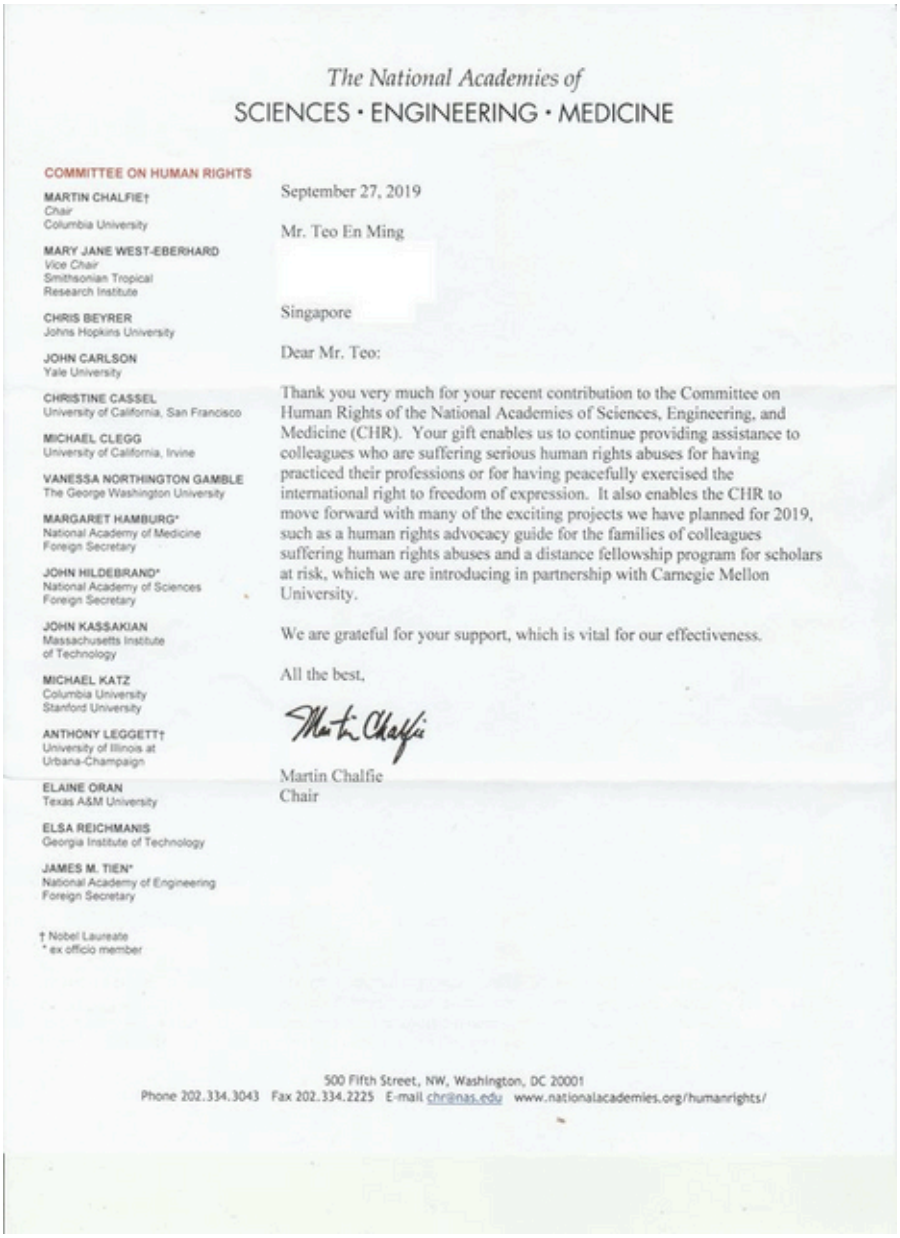
PLANETARY

MEMBER

YOUR PLACE IN SPACE!

Letter from National Academy of Sciences Committee on Human Rights dated 27 Sep 2019

(2019-11-11 21:38) - Turritopsis Dohrnii Teo En Ming



The National Academies of
SCIENCES · ENGINEERING · MEDICINE

COMMITTEE ON HUMAN RIGHTS

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Chair
Columbia University

MARY JANE WEST-EBERHARD
Vice Chair
Smithsonian Tropical Research Institute

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Johns Hopkins University

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Texas A&M University

ELSA REICHMANIS
Georgia Institute of Technology

JAMES M. TIEN*
National Academy of Engineering
Foreign Secretary

† Nobel Laureate
* ex officio member

September 27, 2019

Mr. Teo En Ming

[redacted]

Singapore

Dear Mr. Teo:

Thank you very much for your recent contribution to the Committee on Human Rights of the National Academies of Sciences, Engineering, and Medicine (CHR). Your gift enables us to continue providing assistance to colleagues who are suffering serious human rights abuses for having practiced their professions or for having peacefully exercised the international right to freedom of expression. It also enables the CHR to move forward with many of the exciting projects we have planned for 2019, such as a human rights advocacy guide for the families of colleagues suffering human rights abuses and a distance fellowship program for scholars at risk, which we are introducing in partnership with Carnegie Mellon University.

We are grateful for your support, which is vital for our effectiveness.

All the best,

Martin Chalfie
Chair

500 Fifth Street, NW, Washington, DC 20001
Phone 202.334.3043 Fax 202.334.2225 E-mail chr@nas.edu www.nationalacademies.org/humanrights/

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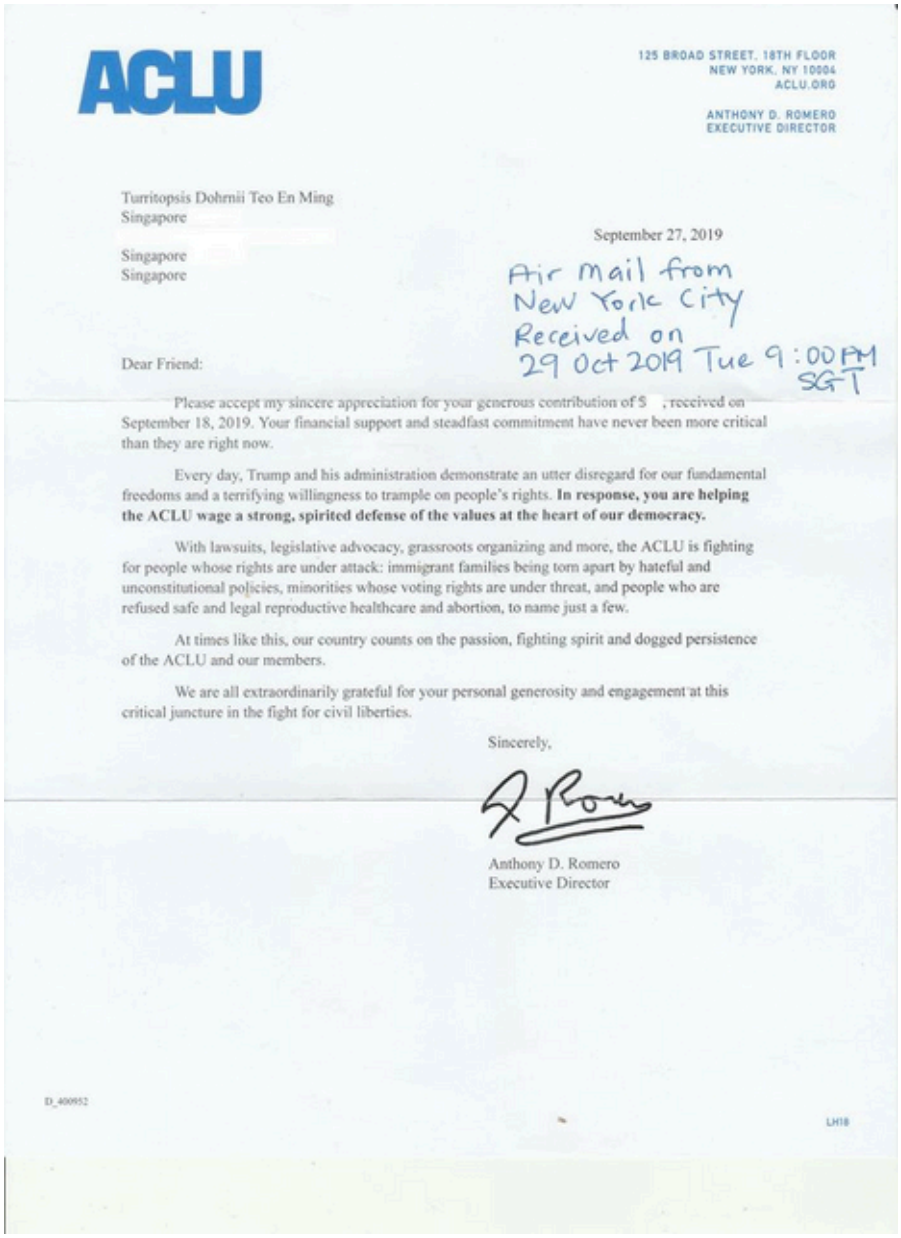
Letter from American Civil Liberties Union (ACLU) dated 27 Sep 2019 (2019-11-11 21:34) - Turritopsis Dohrnii Teo En Ming



ACLU

125 BROAD STREET, 18TH FLOOR
NEW YORK, NY 10004
ACLU.ORG

ANTHONY D. ROMERO
EXECUTIVE DIRECTOR

Turritopsis Dohrnii Teo En Ming
Singapore

September 27, 2019

Singapore
Singapore

Air mail from
New York City
Received on
29 Oct 2019 Tue 9:00 PM
SGT

Dear Friend:

Please accept my sincere appreciation for your generous contribution of $, received on September 18, 2019. Your financial support and steadfast commitment have never been more critical than they are right now.

Every day, Trump and his administration demonstrate an utter disregard for our fundamental freedoms and a terrifying willingness to trample on people's rights. **In response, you are helping the ACLU wage a strong, spirited defense of the values at the heart of our democracy.**

With lawsuits, legislative advocacy, grassroots organizing and more, the ACLU is fighting for people whose rights are under attack: immigrant families being torn apart by hateful and unconstitutional policies, minorities whose voting rights are under threat, and people who are refused safe and legal reproductive healthcare and abortion, to name just a few.

At times like this, our country counts on the passion, fighting spirit and dogged persistence of the ACLU and our members.

We are all extraordinarily grateful for your personal generosity and engagement at this critical juncture in the fight for civil liberties.

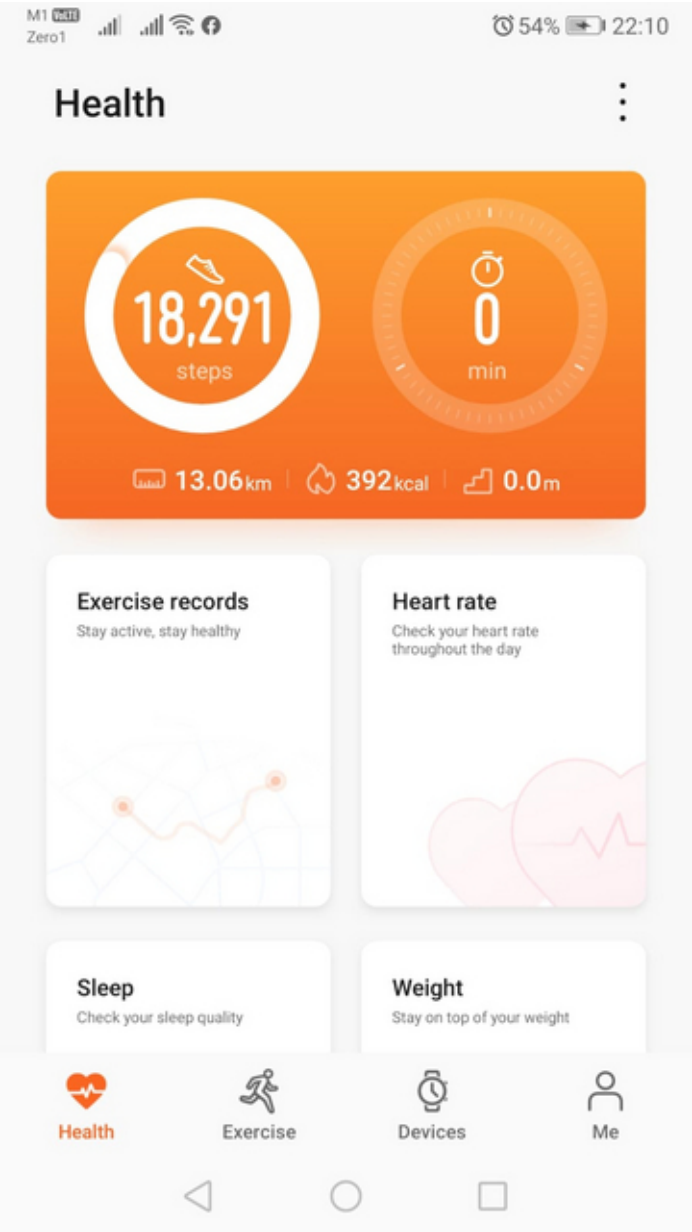
Sincerely,

Anthony D. Romero
Executive Director

D_400952

LH18

[Exercise] I walked 13 km on 9 Nov 2019 Saturday (2019-11-10 21:34) - Turritopsis Dohrnii Teo En Ming



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Autobiography of Singaporean Targeted Individual Mr. Turritopsis Dohrnii Teo En Ming (Very First Draft, Lots More to Add in Future) (2019-11-10 21:28) - Turritopsis Dohrnii Teo En Ming

Primary Subject: Autobiography of Singaporean Targeted Individual Mr. Turritopsis Dohrnii Teo En Ming (Very First Draft, Lots More to Add in Future)

Secondary Subject: Year 2019 to Year 200000000000019: Top 15 Blacklisted Photographers in Singapore

FIRST DRAFT 11 NOVEMBER 2019 (11.11.2019)

My name is Mr. Turritopsis Dohrnii Teo En Ming. The full legal name on my Singapore NRIC identity card (government issued ID) is Turritopsis Dohrnii Teo En Ming (Zhang Enming)

@ Time Traveller. Anything after the "@" symbol is an alias. I am a Singaporean Targeted Individual (TI) living in Singapore. I was born in Kandang Kerbau Hospital in Singapore in 1978 (according to my birth certificate). That makes me 41 years old at the time of this writing (21 October 2019).

I am a technical person, not a literary person. Please bear with my English if it does not conform to your expectations.

In the year 1984, I completed my 2nd year kindergarten course at a People's Action Party (PAP) Community Foundation Kindergarten somewhere in Bedok North in Singapore. When I was born, I was already living in Bedok North.

1985: Enrolled into Yu Neng Primary School. Started primary school year 1.

1989: I was transferred to Huamin Primary School (during primary school year 5) when my family moved to Yishun Avenue 5. It was at this time that I realized that something is wrong with my mother. She was hearing voices and thought that our Yishun neighbors were scolding her all the time. Anyone who hears voices is a Targeted Individual.

1990: Completed primary school education with a Primary School Leaving Examination (PSLE) score of 238.

1991: Enrolled into Ahmad Ibrahim Secondary School. Started secondary school year 1 (Express stream). I was 2nd in Level for Secondary 1 (Express) and awarded 1st in History, 1st in Geography and 1st in Design and Technology.

1992: I was 1st in Level for Secondary 2 (Express) and awarded 1st in Geography.

1993: I was 2nd in Level for Secondary 3 (Express) and awarded 1st in Geography.

1994: Completed my secondary school education. I was the GCE "O" Level Top Student at my secondary school, after obtaining 7 A1s and an A2 for my GCE "O" Level Examination in 1994. Awarded certificate of merit for Outstanding Performance in GCE "O" Level Examination 1994, 1st in Level for Secondary 4 (Express), 1st in Additional Mathematics, 1st in Physics.

Here are my grades for GCE "O" Level Examination 1994:

1. English Language, A2
2. Literature in English, A1
3. Geography, A1
4. Mathematics D, A1
5. Additional Mathematics, A1
6. Physics, A1
7. Chemistry, A1
8. Chinese, A1

1995: Enrolled into Diploma in Mechatronics course at Singapore Polytechnic.

Awarded Cadence Prize for outstanding academic performance in the First Year Diploma in Mechatronics Course.

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Awarded Cadence Prize for meritorious academic performance in the Second Year Diploma in Mechatronics Course.

Awarded Frontline Technologies Prize and Motorola Prize for meritorious academic performance in the Diploma in Mechatronics Course (overall).

1998: Graduated from Singapore Polytechnic with a Diploma in Mechatronics (with Merit). Conscripted into the Singapore army.

2001: Completed National Service. Enrolled into mechanical engineering undergraduate degree course at the National University of Singapore (NUS).

December 2006: Completed university studies with a Bachelor of Engineering (Mechanical Engineering) Second Class Honours (Lower) degree.

Afer graduation from NUS, I got a job as an Engineer (Information Technology) at Defense Science and Technology Agency (DSTA) in February 2007. I was young and impulsive with a lot of anger and frustrations due to my family situation. I was also extremely retarded, extremely imbecile and an idiot. When I was having a private casual conversation with my manager Mr. Loh Choon Fah in his office at DSTA, I said:

"Singapore is not a democracy. When Singapore strong man Lee Kuan Yew is gone, there would be more freedoms in the country."

As a consequence of my retarded, idiotic and careless remarks on Singapore Minister Mentor Lee Kuan Yew, I failed to obtain Top Secret security clearance when I was in DSTA and was forced to resign in August 2007. On retrospection, it was the year 2007 that I became targeted and began hearing menacing and threatening voices from the government. The Singapore Government had waged psychological warfare on me.

Governments all over the world have been covertly using Government Mind Control Technology (GMCT) for decades to make their own citizens hear government voices. You should read "Microwave Weapons Are Prime Suspect in Ills of U.S. Embassy Workers" published by The New York Times. This is the Gospel for Targeted Individuals (TIs). The link is https://www.nytimes.com/2018/09/01/science/sonic-attack-cuba-microwave.html

There are 3 major functions of Government Mind Control Technology:

(1) Read your mind and thoughts remotely. This is also known as Remote Neural Monitoring (RNM).

(2) See through your eyes.

(3) Hear through your ears.

Targeted Individuals (TIs) are constantly under 24x7 thought surveillance.

In September 2007, I found another job as a System Engineer (Information Technology) at NCS Pte Ltd. I couldn't concentrate on my job due to constant targeting by the Singapore Government, so I had to leave my job after one year in August 2008.

After some job searching, I joined AsiaSoft Online Pte Ltd as an Information Systems Engineer in February 2009. There was a change of IT manager in September 2009. The new IT manager Mr. Melvin Lee had challenged me to complete an IT project in a few weeks. I was retarded, imbecile and idiotic once again. In response to his challenge, I used Singapore Minister Mentor Lee Kuan Yew as a bet. I told Melvin Lee that if I couldn't complete the assigned IT project in 2 or 3 weeks, then Singapore Minister Mentor Lee Kuan Yew would be a wang ba dan [Hanyu Pinyin]. In Chinese language, wang ba dan [Hanyu Pinyin] refers to a tortoise or turtle. Before I could realize it, targeting by the Singapore Government had become much much much more worse and increased many many many folds. I deeply regretted my imbecility and stupidity. I left AsiaSoft Online Pte Ltd in October 2009 due to paranoia.

November 2009: I was the first person in the world to have ported/converted Google Chrome OS for netbooks from 32-bit to 64-bit. I have also added in support for open source Xen virtualization. I named it ChromiumOS64.

References:

[0] Article at Xen Project Blog: Announcing the Release of the World's First 64-bit Build of Google's Chromium OS with Xen Virtualization Support

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Link: https://www.linuxquestions.org/questions/linux-software-2/latest-google-chrom e-os-download-guaranteed-to-work-771093/

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Link: https://lists.fedoraproject.org/archives/list/users@lists.fedoraproject.org/t hrea-d/IFD5YGGK3GUQPTNFVSWZTZNWRNLSIRQA/?sort=date

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Link: https://communities.vmware.com/thread/243986

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Link: https://forums.virtualbox.org/viewtopic.php?f=2 &t=24965

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[11] Article at 3dnews Russia: ChromiumOS64 – 64-битная Chrome OS

Link: https://3dnews.ru/583927

[12] Article at Ubergizmo: Google Chrome OS in 64-bit

Link: https://www.ubergizmo.com/2009/12/google-chrome-os-in-64-bit/

Between October 2009 and December 2011, I went through hell on Planet Earth. I hear menacing and threatening voices from the Singapore Government every day and every minute.

Fast forward to the year 2011, my family moved from Bedok Reservoir Road to Toa Payoh. We had moved from Yishun Avenue 5 to Bukit Batok in Singapore but I can't recall which year it was at the moment. Then from Bukit Batok to Bedok Reservoir Road.

One night in May 2011, I was walking along the street outside Giant Hypermarket at Toa Payoh Lorong 4, thinking to myself and speaking to nobody. To my surprise, I heard a voice reiterating my thoughts. I went home, did a Google search and found out that I am actually a Targeted Individual! After the discovery that I am actually a Targeted Individual, government voices tapered off after December 2011.

For a period of five years between 2007 and 2011, I couldn't sustain and concentrate on my jobs because I was hearing government voices constantly. After the government voices tapered off after December 2011, I was lost

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and didn't know what to do for another five years between 2012 and 2016. I was going into and out of numerous jobs between 2012 and 2016 as well.

In 2016, I finally decided and made up my mind that I wanted to be an Information Technology Support Engineer.

Oct 2016: Enrolled into one-year part-time Diploma (conversion) in Computer Networking course at Singapore Polytechnic.

21 March 2017: Applied for refugee status/political asylum at the United Nations Refugee Agency in Bangkok, Thailand. The United Nations Refugee Agency in Bangkok does not operate a refugee shelter and does not provide financial assistance to refugee seekers. Armed with only SGD $300, I had to fly back to Singapore the next day on 22 March 2017. With only SGD $300 left, no hotel in Bangkok, Thailand would allow me to stay on indefinitely for free. As I have mentioned earlier, there is no refugee shelter in Thailand and the United Nations Refugee Agency does not provide financial assistance to refugee seekers.

April 2017 to July 2017: I was working at a systems integrator (SI) firm in Singapore as an IT support engineer. I resigned in July 2017 because I wanted to spend all my time preparing for the final exams in August 2017. It would be my very first IT certification and I wanted to make sure I pass the final exams and get the Diploma in Computer Networking. It was also the very first time I flew to Taipei, Taiwan and attended Taiwan Adult Expo in 2017 while I was having a job.

Oct 2017: Graduated from Diploma (conversion) in Computer Networking course at Singapore Polytechnic with 4 Distinctions and a Grade A for ET1505 project.

After graduation, I worked part-time at Challenger superstore as a retail assistant for some time before working as a security guard at National Library Board at Bugis for 3 months.

Nov 2017: I flew to Tokyo, Japan to attend Japan Adult Expo 2017 and tried to apply for the role of JAV actor. It was my very first time in Japan.

Late Nov 2017: After I returned to Singapore from Tokyo, Japan, I started working for a very small systems integrator (SI) firm in Singapore as an IT support engineer. I worked in this company for 1 year (12 months). Initially, when I joined this company, salary payment was on time for the first 2 or 3 months. Subsequently, salary payment was delayed by 2-3 weeks every month. In the final 2+ months of my 1 year stay, I couldn't get my salary of about $5000. I had to chase after my boss almost every day for my outstanding salaries for close to 2 months. My boss was irritated by my constant chasing and decided to terminate my employment on 22 Nov 2018 but he asked me to work for him for another one month. When I still couldn't get my outstanding salaries, I approached the Ministry of Manpower (MOM) which told me that I am entitled to resigned without notice if I am unable to get my salary after 7 days. On 3 December 2018, I proceeded to resign without notice and filed my salary claim at the Tripartitle Alliance for Dispute Management (TADM). Both the boss and myself signed the Settlement Agreement and I had to file the Settlement Agreement at the State Courts in Singapore. I managed to receive my outstanding salary of slightly more than $5000 in five monthly installments until 28 April 2019.

August 2018: Attended Taiwan Adult Expo 2018 and Taipei Red Expo 2018 in Taipei, Taiwan

January 2019: I worked as a Deployment Engineer at National Environment Agency, Ministry of Environment and Water Resources, in Singapore before being terminated after only 2 weeks.

I joined another SI company in Singapore as a Senior Technical Support Engineer on 25 February 2019 under the e2i Career Trial scheme. I was terminated immediately without notice on 6 June 2019 (Allied D-day).

1-5 August 2019: Attended Taiwan Adult Expo 2019 and Taipei Red Expo 2019 in Taipei, Taiwan. Applied for refugee status/political asylum at the National Immigration Agency, Ministry of the Interior, Republic of China (Taiwan) in Taipei on 5 August 2019.

——BEGIN NTUC LEARNING HUB——

4 March 2017 to 10 April 2017: Attended Cisco Certified Network Associate (CCNA) course at NTUC Learning Hub in Singapore. Awarded Certificate of Completion for CCNA course by NTUC Learning Hub in Singapore.

6 Jan 2019 to 3 Feb 2019: Attended Certified Information System Security Professional (CISSP) course at NTUC Learning Hub in Singapore. Awarded Certificate of Completion for CISSP course by NTUC Learning Hub in Singapore.

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——END NTUC LEARNING HUB——

When you become a Targeted Individual, the government will attack you on all fronts, according to millions of Targeted Individuals all over the world.

——BEGIN SECTION A——

The first thing the government will attack you on is your health.

Please read the Learning Guide / Reference Book / Handbook / Manual / Textbook for Targeted Individuals published by Targeted Individuals Europe (or Targeted Individuals in European Countries). The link is https://targetedindividualseurope.wordpress.com/ti-symptoms/

Let's look at Singaporean Mr. Cheong Wei Chang, who sued Singapore Prime Minister Lee Hsien Loong in the Supreme Court in Singapore for *government-induced health problems* and failed job interviews. He claimed that the prime minister made him shit blood.

Here are 3 news articles on Singaporean Mr. Cheong Wei Chang.

[001] News Article: Man's suit against Lee Hsien Loong alleging woes

caused by PM's 'department' thrown out

News Platform: Yahoo! News Singapore

Link: https://sg.news.yahoo.com/mans-suit-lee-hsien-loong-alleging-woes-caused-pms-de partment-thrown-124212754.html

[QUOTE] In all, Cheong enclosed three volumes of documents comprising

miscellaneous photos relating to a variety of his supposed woes. The

photos and their captions related to topics ranging from failed job

interviews and errors in finance textbooks to health problems.

...snipped...

Cheong said Lee "and/or his department's regulations concern (sic) my

health and activities", and that Lee "did not address my concerns on

the regulations of activities when I asked for the regulations of

activities to stop". [UNQUOTE]

[002] News Article: Man Sues PM Lee For Blood In Stools; Case Thrown

Out Of Court Twice

News Platform: Mustsharenews.com

Link: https://mustsharenews.com/blood-stools-pm-lee/

[QUOTE] Of bloody stools & failed interviews

...snipped...

The second was a failed job interview at Citibank. [UNQUOTE]

[003] News Article: Plaintiff tries to sue Lee Hsien Loong, claims

Prime Minister made him shit blood

News Platform: The Independent Singapore

Link: http://theindependent.sg/plaintiff-tries-to-sue-lee-hsien-loong-claims-prime-mi nister-made-him-shit-blood/

[QUOTE] A local man has failed in his attempt to sue Singapore Prime

Minister Lee Hsien Loong for imposing "regulations" on his life that

seems to hamper the plaintiff's quality of life.

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...snipped...

In the judgment on the case that was released on the Supreme Court's website last Friday, it appears that the man, Mr Cheong Wei Chang, tried to sue PM Lee in his capacity as the head of Government for imposing "regulations of activities" on him that "concern my health and activities."

...snipped...

Revealing that the volumes pointed to a wide variety of topics such as failed job interviews, health issues and errors in finance textbooks, judicial commissioner Valerie Thean provided three examples of the issues Mr Cheong attributed to PM Lee, in the judgment. [UNQUOTE]

I am of the opinion that Singaporean Mr. Cheong Wei Chang is also a Targeted Individual.

Coming back to myself. I have so many medical problems at 41 years old. Here is the list:

(1) memory problems

(2) eye problems

(3) mild, random, and intermittent chronic chest pain for 10 years, since about 2009 i think

(4) irritable bowel syndrome (IBS)

(5) nutritional deficiency disorder

(6) high cholesterol

(7) high triglycerides

(8) diabetes mellitus

(9) borderline blood pressure

(10) osteoarthritis of both knees (degeneration or wear and tear of knee joints)

(11) eczema on both feet

Looking at the cases of Singaporean Mr. Cheong Wei Chang and also Singaporean Mr. Gilbert Louis, I am wondering if all of the above medical problems were induced by the Singapore Government covertly. I am suspecting that the Singapore Government covertly gave me so many medical problems.

Referring to osteoarthritis of both knees, is the Singapore Government trying to handicap me so that I cannot even work in mediocre low-paying part time and temporary jobs in Singapore and travel out of Singapore? Most people develop osteoarthritis of both knees in the late 50s, 60s, 70s and 80s. I have osteoarthritis too early at 41 years old.

Not forgetting Singaporean Mr. Gilbert Louis, he claimed that the Singapore Government made him suffer five heart attacks. And of course Singaporean Mr. Gilbert Louis is a Targeted Individual as well.

Please read the Learning Guide / Reference Book / Handbook / Manual / Textbook for Targeted Individuals published by Targeted Individuals Europe (or Targeted Individuals in European Countries). The link is https://targetedindividualseurope.wordpress.com/ti-symptoms/

—END SECTION A—

—BEGIN SECTION B—

The second thing the government will attack you on is your employment, according to millions of Targeted Individuals all over the world.

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Please read the Learning Guide / Reference Book / Handbook / Manual / Textbook for Targeted Individuals published by Targeted Individuals Europe (or Targeted Individuals in European Countries). The link is https://targetedindividualseurope.wordpress.com/ti-symptoms/

Covertly and subtlely, governments do not allow Targeted Individuals to have sustainable employment.

Millions of Targeted Individuals all over the world report frequent termination from employment or frequently forced to resign.

I am no exception. For the past 13 years after graduating from National University of Singapore in 2007, I have extremely little employment history. For the past 13 years after graduating from National University of Singapore in 2007, I was extremely under-employed and under-achieved. For the past 13 years after graduating from National University of Singapore in 2007, I was FREQUENTLY terminated from employment or forced to resign.

Covertly and subtlely, governments do not allow Targeted Individuals to have sustainable employment.

At 41 years old now, my total CPF savings is only approximately SGD $66,000 (as at 10 Nov 2019 Sunday). In contrast, Singaporean Mr. Gerald Tan has some SGD $700,000 in his CPF account. Most of the average people at my age now would have AT LEAST SGD $300,000 to SGD $400,000 in their CPF accounts. My extremely low CPF savings of about SGD $66,000 is a testament to the fact that I have very little employment history for the past 13 years after graduating from National University of Singapore in 2007. The Singapore Government simply do not allow me to have sustainable employment.

Governments also do not allow Targeted Individuals to be financially independent and earn a lot of money.

Sometime ago, The Straits Times reported that a Singaporean housewife was cheated of some SGD $700,000 (almost a million dollars).

Recently, Stomp in Singapore reported that a Singaporean man flaunted SGD $354,000 in his POSB bank account to his Facebook dating partner.

On 8 Oct 2019, I picked up someone's UOB bank ATM slip showing a bank balance of SGD $67,658.

On 5 Nov 2019 Tuesday, I saw a Caucasian man at Tan Tock Seng Hospital in Singapore with SGD $264,000 in his bank account. I had a chance to glimpse at the screen on the ATM machine.

It seems that almost everyone in Singapore is a lot a lot richer than me while I live in extreme poverty in Singapore.

In stark contrast, my personal savings is mediocre and insignificant. As of 10 November 2019 Sunday, I have LESS THAN SGD $1800 in my bank accounts. I can barely survive 3 months with LESS THAN SGD $1800 personal savings.

At 41 years old now, I do not even own a HDB flat! The extremely low income group in Singapore lives in the most basic HDB 3-room flats. But I do not even own a HDB 3-room flat! I am now living in a HDB 1-room rental flat (which I do not own obviously) meant for the extremely poor in Singapore. I live in EXTREME POVERTY in Singapore.

Besides not owning any residential property, I also do not have any car. In addition, I have never had any credit cards for the past 41 years of my life.

I live in EXTREME POVERTY in Singapore and I simply love to flaunt my poverty! I am still STRUGGLING to find mediocre low-paying part time and temporary jobs in Singapore to feed myself while a foreign expatriate from India, who is a manager director in JP Morgan in Singapore, earns SGD $66,333 per month. I am STRUGGLING to earn SGD $7 to SGD $15 per hour in mediocre low-paying part time and temporary jobs in Singapore. I heard that the foreign expat who earns SGD $66,333 per month in Singapore only has a university degree from Hull University. It seems that Hull University is ranked 500th to 600th in the world while I have a university degree from the National University of Singapore with 2 polytechnic diplomas!

Therefore, Governments do not allow Targeted Individuals to be financially independent and earn a lot of money.

Most Singaporeans travel overseas *frequently every year* but I have only made a MEDIOCRE number of overseas trips for the past 41 years of my life.

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Many photographers in Singapore are able to spend at least SGD $500 to SGD $600 every month in joining organized model photoshoots while I can only spend SGD $60 to SGD $70 every 3 or 4 months or perhaps even longer.

At my age, with my education, caliber and infocomms technology (ICT) skillset, I should be able to earn at least SGD $9000 per month as manager, senior manager, or director. But I live in extreme poverty in Singapore.

Since 5 December 2018, I have attended 22 FAILED job interviews so far. At my most recent 22nd job interview at HCL Insys Pte Ltd on 6 Nov 2019 Wednesday, I told the interviewer Mr. Raju that my application for Top Secret security clearance was rejected 13 years ago in 2007 while I was working for DSTA. Mr. Raju told me that there's a very high chance that my application for security clearance would be rejected again should I want to work for HCL Insys Pte Ltd as a Desktop Support Engineer Level 2. He says that my records at MSD or ISD would not go away in 5, 10 or even 50 years. Mr. Raju frankly told me not to waste my time applying for government jobs which require security clearance as I would never be successful. He advised me to tell recruitment consultants from recruitment agencies that I am not interested in government jobs in Singapore which require security clearance. HCL Insys Pte Ltd works closely with the Government of Singapore in government projects.

You can also read my blog postings "Facts in the Singapore Political Context" at

http://tdtemcerts.blogspot.com/2019/07/facts-in-singapore-political-context.h tml

https://tdtemcerts.wordpress.com/2019/07/16/facts-in-the-singapore-political- context/

Therefore, Governments do not allow Targeted Individuals to be financially independent and earn a lot of money.

Please read the Learning Guide / Reference Book / Handbook / Manual / Textbook for Targeted Individuals published by Targeted Individuals Europe (or Targeted Individuals in European Countries). The link is https://targetedindividualseurope.wordpress.com/ti-symptoms/

—END SECTION B—

—BEGIN SECTION C—

The final topic I am going to touch on is that the Singapore Government is also trying to prevent me from enjoying my hobby. I am a hobbyist photographer and videographer who loves to take photos and videos of show girls, models, talents, cosplayers and celebrities in car shows, tech shows, trade shows, cosplay conventions, celebrities meet-and-greet and other events in Singapore.

When you become a Targeted Individual, one of the most common things the government will do to you is to spread rumours about you. Governments will launch rumour-mongering campaigns against Targeted Individuals with the help of secret government operatives.

Please read the Learning Guide / Reference Book / Handbook / Manual / Textbook for Targeted Individuals published by Targeted Individuals Europe (or Targeted Individuals in European Countries). The link is https://targetedindividualseurope.wordpress.com/ti-symptoms/

I think the Singapore Government has spread so many rumours about me that many show girls, models, talents and some cosplayers in Singapore do not allow me to take photos and videos of them.

The second reason why many show girls, models, talents and some cosplayers in Singapore refuse to let me take photos and videos of them is because the Singapore Government had probably passed down orders and instructions to them telling them not to allow me to take photos and videos of them.

The third reason why many show girls, models, talents and some cosplayers in Singapore refuse to let me take photos and videos of them is because of self-censorship. It is because I am a Targeted Individual. A Targeted Individual is a person who is persecuted, targeted and marked by the government. So these show girls, models, talents and cosplayers are afraid of having photos and videos taken by me. In a The Online Citizen Singapore (TOCSG) article which I can't seem to find now, a Singaporean manager was reported to be very afraid of taking photos together with the Singapore Democratic Party (SDP) chairman Paul Tambyah and requested for these photos to be deleted. The Singaporean manager claimed that he was afraid for his future and worried about his rice bowl. He is afraid that he would be marked by the Singapore Government. SDP is one of the many Opposition political parties in Singapore. It is a well known fact that millions of Singaporeans are afraid of taking photos together

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with Opposition political figures for fear of being marked by the PAP government in Singapore. I am a Targeted Individual, so naturally many show girls, models, talents and some cosplayers practiced self-censorship, refusing to let me take photos and videos of them.

The last reason why many show girls, models, talents and some cosplayers in Singapore refuse to let me take photos and videos of them is because of my extreme poverty in Singapore. I have nothing to offer them.

Out of millions and millions of visitors and photographers to car shows, tech shows, and trade shows in Singapore, I am the one and only person who is not allowed to take photos and videos of the show girls, models and talents.

I have never joined Troy Tham Guang Xiong's organized model photoshoots in Singapore before, but he has blocked me from joining his organized model photoshoots. Actually there is no need for Troy Tham Guang Xiong to ban me from joining his organized model photoshoots, because I have no money to join his organized model photoshoots! I live in extreme poverty in Singapore.

——END SECTION C——

——BEGIN GUINNESS WORLD RECORDS——

I live in extreme poverty in Singapore. I simply love to flaunt my poverty! That's why I have applied to set world records at Guinness World Records, but they were mostly rejected probably due to influence from the Singapore Government.

Here is the list of world records which I have attempted to set at Guiness World Records.

[1] Singaporean Mr. Turritopsis Dohrnii Teo En Ming is the Only Person in the World Who Loves to Flaunt His Poverty

[2] Singaporean Mr. Turritopsis Dohrnii Teo En Ming is the Poorest University Graduate in the World

[3] Singaporean Mr. Turritopsis Dohrnii Teo En Ming Has the Longest Name in the World

[4] Singaporean University Graduate Mr. Turritopsis Dohrnii Teo En Ming is the Only Person in the World Who Likes to Flaunt His Poverty

——END GUINNESS WORLD RECORDS——

——BEGIN Mainstream Newspaper Articles on Targeted Individuals——

(1) [The New York Times] Microwave Weapons Are Prime Suspect in Ills of

U.S. Embassy Workers

Link: https://www.nytimes.com/2018/09/01/science/sonic-attack-cuba-microwave.html

(2) [The New York Times] Microwave Weapons Are Prime Suspect in Ills of

U.S. Embassy Workers

Link: https://www.nytimes.com/2018/09/01/science/sonic-attack-cuba-microwave.html

(3) [The New York Times] Microwave Weapons Are Prime Suspect in Ills of

U.S. Embassy Workers

Link: https://www.nytimes.com/2018/09/01/science/sonic-attack-cuba-microwave.html

(4) [The Washington Post] Mind Games New on the Internet: a community of people who believe the government is beaming voices into their minds. They may be crazy, but the Pentagon has pursued a weapon that can do just that.

Link: https://www.washingtonpost.com/archive/lifestyle/magazine/2007/01/14/mind-gam es-span-classbankheadnew-on-the-internet-a-community-of-people-who-believe-the- government-is-beaming-voices-into-their-minds-they-may-be-crazy-but-the-pentago n-has-pursued-a-weapon-that-can-do-just-that-span/a0d09db6-d7aa-4fcd-a829-2a3eb c56df9d/?utm _term=.c666f33ed933

(5) [New York Times] United States of Paranoia: They See Gangs of Stalkers

Link: https://www.nytimes.com/2016/06/11/health/gang-stalking-targeted-individuals. html

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(6) [WIRED] Mind Games: The Tortured Lives of ‘Targeted Individuals’

Link: https://www.wired.com/story/mind-games-the-tortured-lives-of-targeted-individua ls/

—–END Mainstream Newspaper Articles on Targeted Individuals—–

List of News Articles on Teo En Ming

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(1) Alvinology: Singaporean Guy Attends Taiwan and Japan Adult Expo To Apply For JAV Porn Actor Role - Turritopsis Dohrnii

Link: https://alvinology.com/2017/11/27/singaporean-guy-attends-taiwan-japan-adult- expo-apply-jav-porn-actor-role-turritopsis-dohrnii/

(2) Yahoo! News: Who is Teo En Ming (Turritopsis Dohrnii)?

Link: https://sg.news.yahoo.com/teo-en-ming-turritopsis-dohrnii-040555470.html

(3) Yahoo! News: Jayley Woo did a paid test shoot with Turritopsis Dohrnii Teo En Ming before she was a Mediacorp talent

Link: https://sg.news.yahoo.com/jayley-woo-did-paid-test-190654481.html

(4) Alvinology: Turritopsis Dohrnii Teo En Ming thinks he is a targeted individual and that the Singapore government is out to get him

Link: https://alvinology.com/2017/12/14/turritopsis-dohrnii-teo-en-ming-thinks-targ eted-individual-singapore-government-get/

(5) Alvinology: Teo En Ming Exclusive Interview: The man behind the ’JAV Porn Actor’ Dream

Link: https://alvinology.com/2018/02/06/teo-en-ming-exclusive-interview-man-behind-ja v-porn-actor-dream/

(6) RICE Media: Teo En Ming: Aspiring Actor and 40-Year Old Virgin

Link: http://ricemedia.co/culture-people-teo-en-ming-aspiring-actor-40-year-old-virgi n/

(7) Yahoo! Lifestyle: Teo En Ming: Aspiring Actor and 40-Year Old Virgin

Link: https://sg.style.yahoo.com/teo-en-ming-aspiring-actor-055755269.html

(8) Alvinology: Aspiring Adult Film Actor Teo En Ming goes to Taiwan Adult Film Expo 2018

Link: https://alvinology.com/2018/08/10/aspiring-adult-film-actor-teo-en-ming-goes- to-taiwan-adult-film-expo-2018/

For future updates, please visit my RAID 1 mirroring redundant Blogger and Wordpress blogs at

https://tdtemcerts.blogspot.com/

https://tdtemcerts.wordpress.com/

For my international postings, you can search the following international archives.

[1] https://markmail.org/

[2] https://marc.info/

[3] https://www.mail-archive.com/

[4] https://seclists.org/

[5] https://groups.google.com/forum/ #!overview

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[2] [2]http://lkml.iu.edu/hypermail/linux/kernel/1911.1/02472.html

[3] [3]http://lists.linuxfromscratch.org/pipermail/lfs-chat/2019-No vember/029053.html

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[4] [4]https://marc.info/?l=linux-alpha &m=157339075930224 &w=2

[5] [5]https://marc.info/?l=linux-m68k &m=157339114330363 &w=2

[6] [6]https://marc.info/?l=linux-wireless &m=157339129430409 &w=2

[7] [7]https://marc.info/?l=linux-arch &m=157339140930451 &w=2

[8] [8]https://lists.ozlabs.org/pipermail/linuxppc-dev/2019-November/ 199824.html

1. https://lkml.org/lkml/2019/11/10/11
2. http://lkml.iu.edu/hypermail/linux/kernel/1911.1/02472.html
3. http://lists.linuxfromscratch.org/pipermail/lfs-chat/2019-November/029053.html
4. https://marc.info/?l=linux-alpha&m=157339075930224&w=2
5. https://marc.info/?l=linux-m68k&m=157339114330363&w=2
6. https://marc.info/?l=linux-wireless&m=157339129430409&w=2
7. https://marc.info/?l=linux-arch&m=157339140930451&w=2
8. https://lists.ozlabs.org/pipermail/linuxppc-dev/2019-November/199824.html

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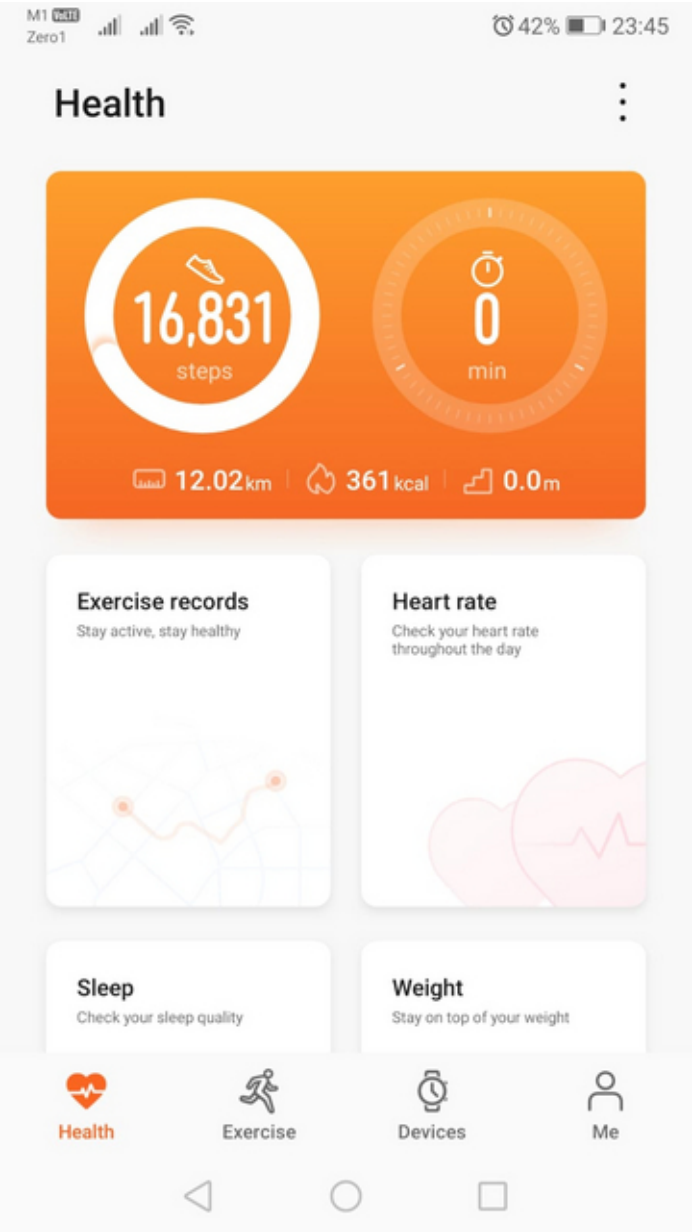
[Exercise] I walked 12 km on 7 Nov 2019 Thursday (2019-11-08 10:02) - Turritopsis Dohrnii Teo En Ming



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I have received $788 TRILLION salary payment for part time/temporary job worked between 11 Oct 2019 and 25 Oct 2019 (11 days) (2019-11-06 12:40) - Turritopsis Dohrnii Teo En Ming

This is after 20 % employee CPF deduction.

05 Nov 2019	SAL	Salary MANAGEMEN Payment		S$788.75

I bought my Panasonic FZ1000 Mark 2 4K hybrid bridge camera on 3 Nov 2019 Sunday

(2019-11-06 12:33) - Turritopsis Dohrnii Teo En Ming

```
Subject: I bought my Panasonic FZ1000 Mark 2 4K hybrid bridge camera on 3 Nov
2019 \
Sunday

Good day from Singapore,

I bought my Panasonic FZ1000 Mark 2 4K hybrid bridge camera at Funan Singapore
\
shopping mall level 3 on 3 Nov 2019 Sunday at 3:25 PM Singapore Time.

The Panasonic FZ1000 Mark 2 camera has an 1.0-inch MOS image sensor and a focal
\
length of 25-400 mm (37 to 592 mm in 4K video recording mode). This saves me
the \
hassle of constantly changing between Sony 16-50 mm kit lens, Sony 55-210 mm
zoom \
lens, and Sigma 30 mm F1.4 prime lens every now and then. I simply cannot
afford to \
buy an expensive full-frame DSLR or mirrorless camera with expensive camera
lens in \
excess of SGD$15,000 (like what most photographers in Singapore do) due to my
extreme \
poverty in Singapore. I believe that a hybrid bridge camera with an 1.0-inch
sensor \
and a focal length of 25-400 mm costing approximately SGD$1000 will suffice.
The \
Panasonic FZ1000 Mark 2 is considered a Compact Camera, but with an image
sensor much \
larger than 1/2.3 inch. It has a built-in flash and a hot shoe for mounting an
\
external flash. It also features a F2.8-4 Leica lens.

TAX INVOICE 3 NOV 2019
======================

Qty: 1, Panasonic FZ1000 Mark 2 bridge camera, SGD$1039

Qty: 1, STEINZEISER Battery Charger + Adapter, SGD$28

Qty: 1, DIVI PA-BLC12 3rd party camera battery, SGD$28

Qty: 1, SIRUI UV PRO ALU 62MM lens filter, SGD$23

Qty: 1, screen protector given free, SGD$0

Grand Total: SGD$1118

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```
This is ONLY AFTER I have sold most of my Sony A6300 4K interchangeable lens
camera \
system for a combined total of SGD$810, after using it for about 3 years and 4
months \
since June 2016.

The following items were sold for SGD$650 at 12:00 PM Singapore Time at Toa
Payoh MRT \
station:

(1) Sony A6300 camera body, with box and accessories (includes default
charger), sold \
for SGD$400

(2) Sigma 30 mm F1.4 prime lens, with box, sold for SGD$250

(3) 2 units of original Sony NP-FW50 camera batteries

(4) brand new Panasonic 16GB SD card worth SGD$15 given free

The following item was sold for SGD$160 at 1:23 PM Singapore Time at City Hall
MRT \
station:

(5) Sony E-Mount 55-210 mm F4.5-6.3 telephoto zoom lens (model: SEL55210) with
box

SGD$650 and SGD$160 add up to SGD$810 mathematically.

I *still* have other camera accessories (belonging to my old Sony A6300 camera
\
system) waiting to be sold. I am hoping to raise more than SGD$1000 instead of
\
SGD$810 so that I do not have to spend so much on my new Panasonic FZ1000 Mark
2 \
bridge camera as I have been taking up numerous mediocre low-paying part time
and \
temporary jobs in Singapore since August 2019.

Published 4 Nov 2019 Monday Singapore Time.
```

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[3]
[3]http://lists.linuxfromscratch.org/pipermail/lfs-chat/2019-November/029052.ht
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[4] [4]https://www.redhat.com/archives/rhelv6-list/2019-November/msg00000.html

[5] [5]https://marc.info/?l=linux-arch&m=157295634224369&w=2

1. https://lkml.org/lkml/2019/11/4/430
2. http://lkml.iu.edu/hypermail/linux/kernel/1911.0/01840.html
3. http://lists.linuxfromscratch.org/pipermail/lfs-chat/2019-November/029052.html
4. https://www.redhat.com/archives/rhelv6-list/2019-November/msg00000.html
5. https://marc.info/?l=linux-arch&m=157295634224369&w=2

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I saw a Caucasian man with $264,000 in his POSB bank account at Tan Tock Seng Hospital Singapore (2019-11-05 20:35) - Turritopsis Dohrnii Teo En Ming

Date: 5 Nov 2019 Tuesday
Time: 12.55 PM
Location: Tan Tock Seng Hospital Singapore, Level 1 ATM lobby

I saw a Caucasian man with $264,000 in his POSB bank account at Tan Tock Seng Hospital Singapore. The ATM machine shows his bank balance.

How come I have mediocre and insignificant personal savings? Answer: Because I am a Targeted Individual.

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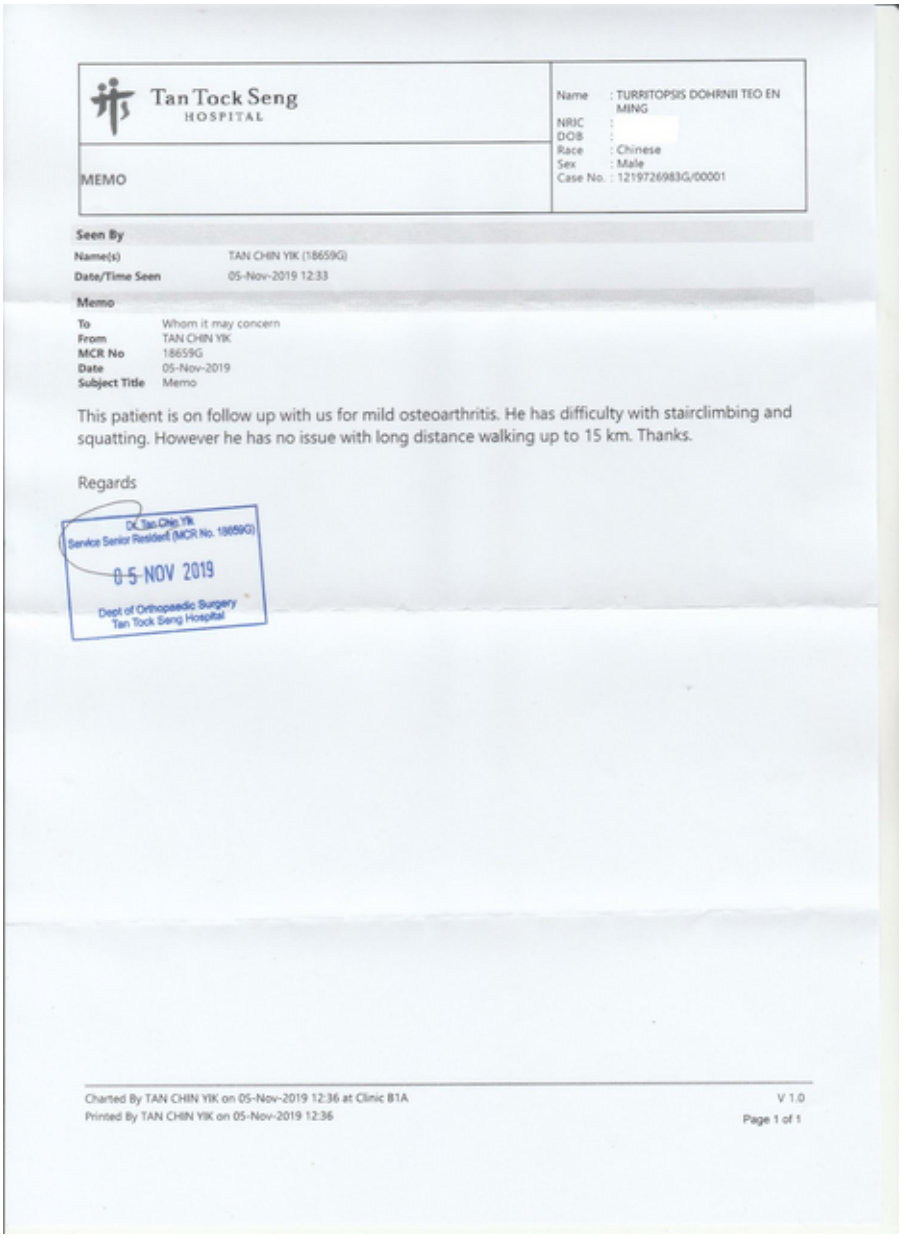
Memo from Orthopaedic Surgeon at Tan Tock Seng Hospital for Early Onset of Osteoarthritis

(2019-11-05 16:57) - Turritopsis Dohrnii Teo En Ming



Tan Tock Seng HOSPITAL

MEMO

Name : TURRITOPSIS DOHRNII TEO EN MING
NRIC :
DOB :
Race : Chinese
Sex : Male
Case No. : 1219726983G/00001

Seen By

Name(s) TAN CHIN YIK (18659G)
Date/Time Seen 05-Nov-2019 12:33

Memo

To Whom it may concern
From TAN CHIN YIK
MCR No 18659G
Date 05-Nov-2019
Subject Title Memo

This patient is on follow up with us for mild osteoarthritis. He has difficulty with stairclimbing and squatting. However he has no issue with long distance walking up to 15 km. Thanks.

Regards

Dr Tan Chin Yik
Service Senior Resident (MCR No. 18659G)
05 NOV 2019
Dept of Orthopaedic Surgery
Tan Tock Seng Hospital

Charted By TAN CHIN YIK on 05-Nov-2019 12:36 at Clinic B1A
Printed By TAN CHIN YIK on 05-Nov-2019 12:36

V 1.0
Page 1 of 1

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Teo En Ming's Exercise Records for October 2019 (2019-11-04 22:33) - Turritopsis Dohrnii Teo En Ming

2.3 October

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I walked 10 km on 30 Oct 2019 Wed and my blood glucose dropped to 4.1 mmol/L (2019-10-31 00:34) - Turritopsis Dohrnii Teo En Ming

I walked 10 km (accurate) on 30 Oct 2019 Wed and my blood glucose dropped to 4.1 mmol/L at 12:00 AM on 31 Oct 2019 Thu.

This shows that walking alone is enough and sufficient exercise to cause my blood glucose to drop WAY BELOW 4.5 mmol/L.

I cannot run or jog because I have early onset of osteoarthritis at 41 years old.

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Dear God, Where Are You? (2019-10-28 17:49) - Turritopsis Dohrnii Teo En Ming

Dear God, Where Are You?

Dear God, can you please give me biological immortality and physical immortality?

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Dear God, can you give me biological immortality and physical immortality? (2019-10-27 09:35) - Turritopsis Dohrnii Teo En Ming

Dear God, can you give me biological immortality and physical immortality?

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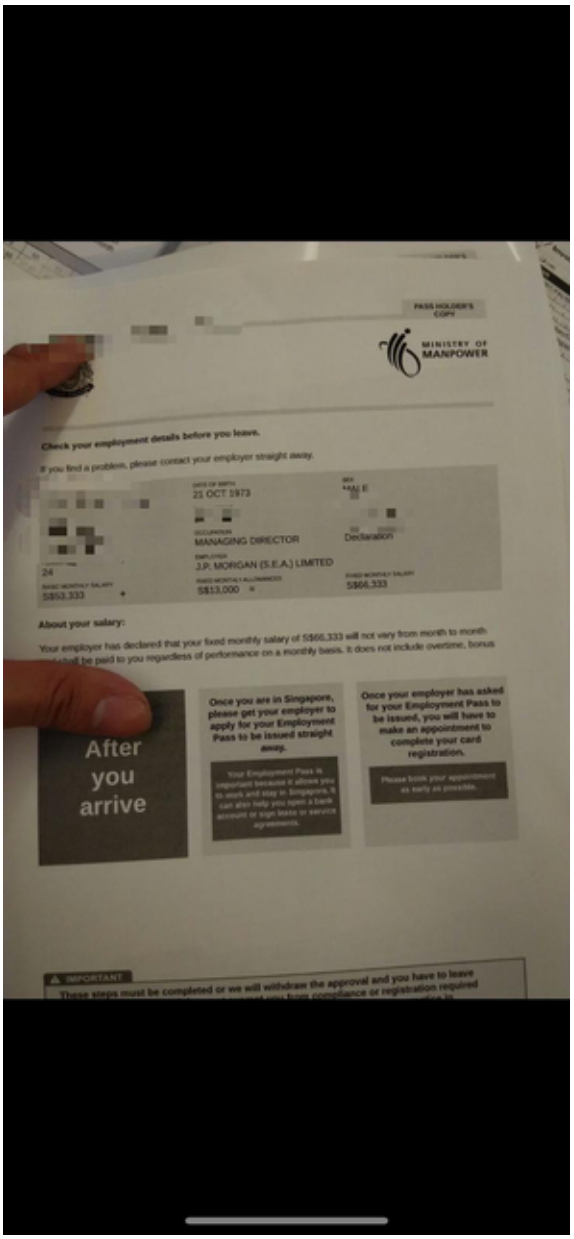
Wow! Managing Director of JP Morgan in Singapore Earns SGD$66,333 a Month! (2019-10-27 09:27) - Turritopsis Dohrnii Teo En Ming

Wow! Managing Director of JP Morgan in Singapore Earns SGD $66,333 a Month!



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4K Video Rendering Speeds with AMD Ryzen 3 3200G CPU and MSI GeForce GTX1650 4 GB GDDR5 GPU (2019-10-27 09:18) - Turritopsis Dohrnii Teo En Ming

Subject: 4K Video Rendering Speeds with AMD Ryzen 3 3200G CPU and MSI GeForce GTX1650 4 GB GDDR5 GPU

Good day from Singapore,

Technical specifications of my home supercomputer:

[1] AMD Ryzen 3 3200G processor with Radeon Vega 8 Graphics

[2] Gigabyte B450M DS3H SOC Socket AM4 Motherboard

[3] 8 GB Transcend DDR4-2666 Memory

[4] MSI GeForce GTX1650 4 GB GDDR5 GPU

Early this morning in Singapore (27 Oct 2019 Sunday), a 1 hour 49 mins 4K Ultra HD video took 2 hours 47 mins to render. Well not too bad for an extremely budget AMD Ryzen 3 processor. It is still under 3 hours and definitely not more than 10 hours of the past (4K video rendering speeds). As a NUS university graduate, I live in extreme poverty in Singapore because I am a Targeted Individual. It looks like I will not need to fork out more money to buy a better supercomputer for myself in the future.

I SIMPLY LOVE TO FLAUNT MY POVERTY!

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[1] [1]https://lkml.org/lkml/2019/10/26/420

[2] [2]http://lkml.iu.edu/hypermail/linux/kernel/1910.3/02754.html

[3] [3]http://lists.linuxfromscratch.org/pipermail/lfs-chat/2019-Oc tober/029051.html

[4] [4]https://lists.archlinux.org/pipermail/arch-general/2019-Octobe r/047035.html

1. https://lkml.org/lkml/2019/10/26/420
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3. http://lists.linuxfromscratch.org/pipermail/lfs-chat/2019-October/029051.html
4. https://lists.archlinux.org/pipermail/arch-general/2019-October/047035.html

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I bought my Sony A6300 4K camera on 03 JUNE 2016 (2019-10-25 22:21) - Turritopsis Dohrnii Teo En Ming

Subject: I bought my Sony A6300 4K camera on 03 JUNE 2016

Good day from Singapore,

TAX INVOICE FOR 03 JUNE 2016
==========

1. SONY SDXC 64 GB PROFESSIONAL 4K 95MB/S (SF-64P) 1 PCS

2. SONY ILCE-6300L KIT W/SELP1650 LENS 1 PCS

3. SONY CASE 1 PCS

4. SONY NP-FW50 BATTERY 2 PCS

GRAND TOTAL: SGD$1728.00

TAX INVOICE FOR 26 JULY 2016
==========

1. SONY SEL 55-210MM F4.5-6.3 OSS LENS (SEL55210) 1 PCS

2. HOYA 49 HMC UV (C) FILTER 1 PCS

3. SAMURAI DRY BOX 1 PCS

4. SONY NP-FW50 BATTERY 2 PCS

GRAND TOTAL: SGD$400.00

Today is 25 October 2019 Friday Singapore Time.

I have been using my Sony A6300 4K camera for 3 years, 4 months, 23 days exactly WITHOUT UPGRADING my camera because of my extreme poverty. I SIMPLY LOVE TO FLAUNT MY POVERTY!

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[1] [1]https://lkml.org/lkml/2019/10/25/697

[2] [2]http://lkml.iu.edu/hypermail/linux/kernel/1910.3/01855.html

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[3]
[3]http://lists.linuxfromscratch.org/pipermail/lfs-chat/2019-October/029050.htm
l

[4]
[4]https://lists.freebsd.org/pipermail/freebsd-chat/2019-October/007379.html

1. https://lkml.org/lkml/2019/10/25/697
2. http://lkml.iu.edu/hypermail/linux/kernel/1910.3/01855.html
3. http://lists.linuxfromscratch.org/pipermail/lfs-chat/2019-October/029050.html
4. https://lists.freebsd.org/pipermail/freebsd-chat/2019-October/007379.html

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Photos of My New AMD Ryzen 3 3200G, Gigabyte B450M DS3H and Transcend DDR4-2666 (SGD$309) (2019-10-25 10:28) - Turritopsis Dohrnii Teo En Ming

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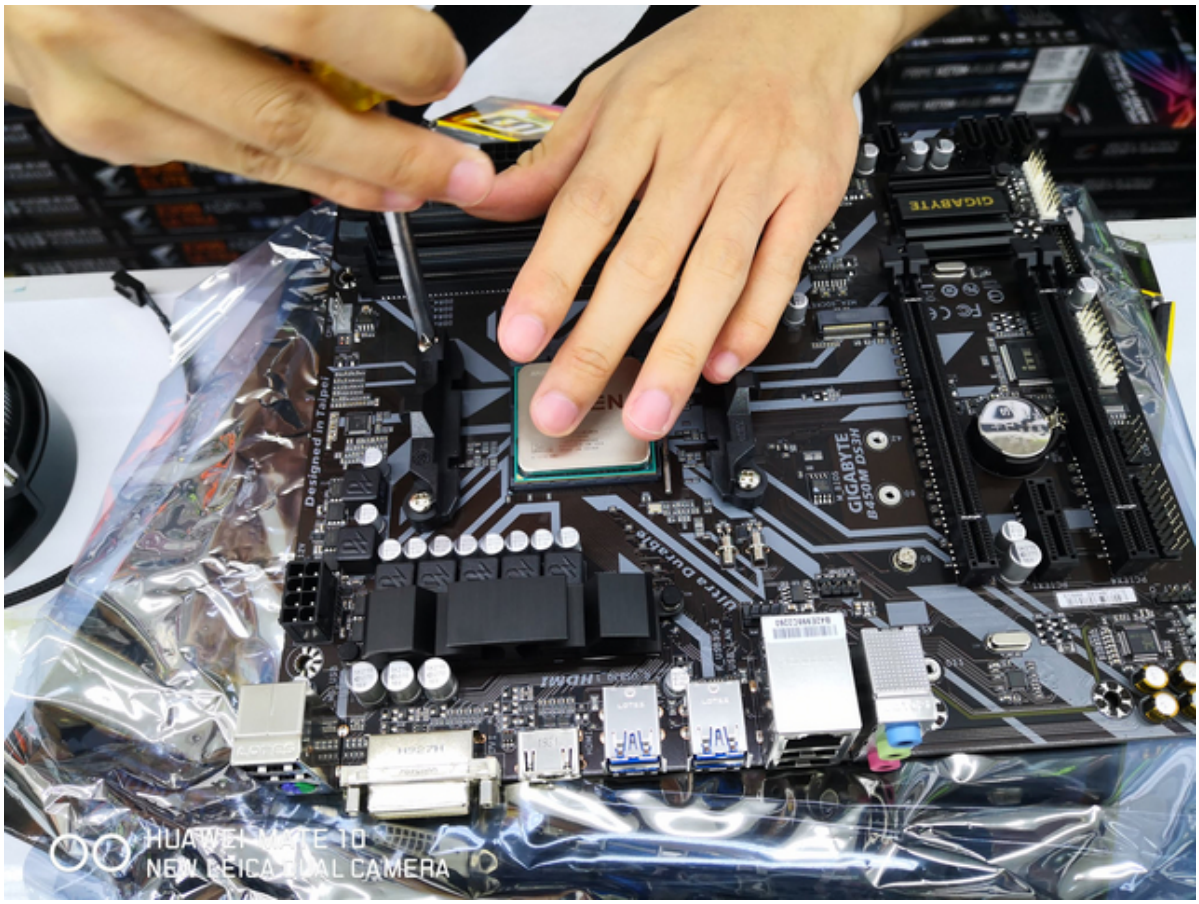

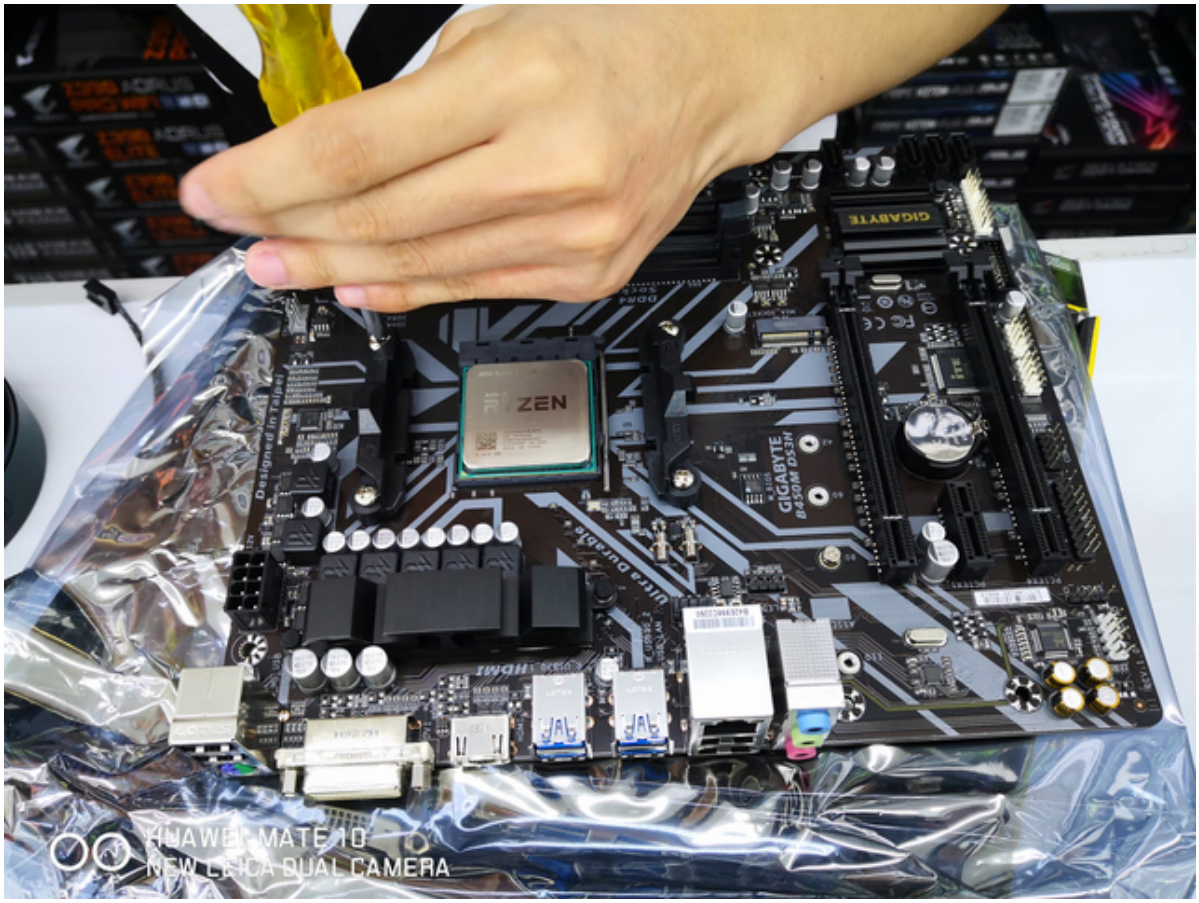

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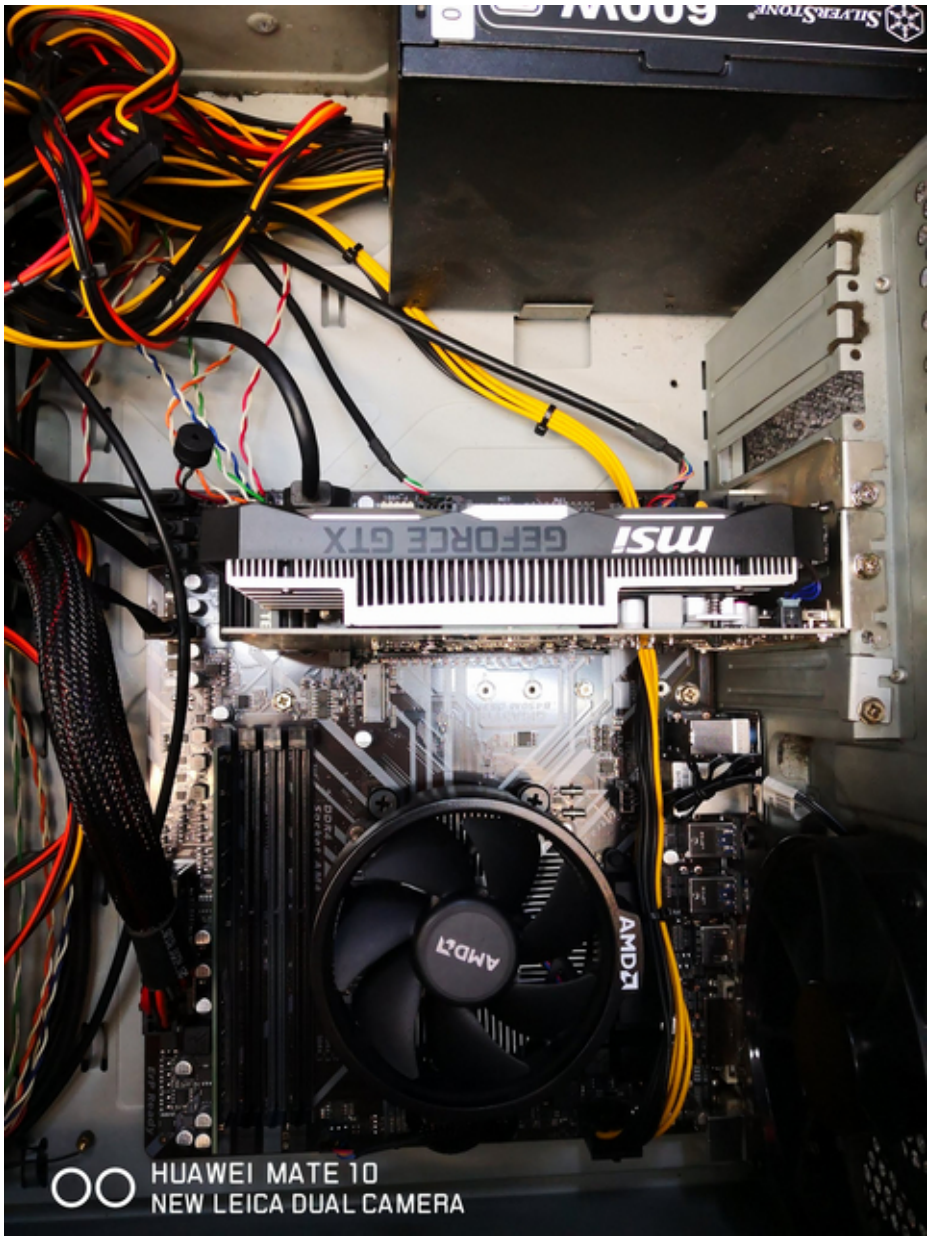

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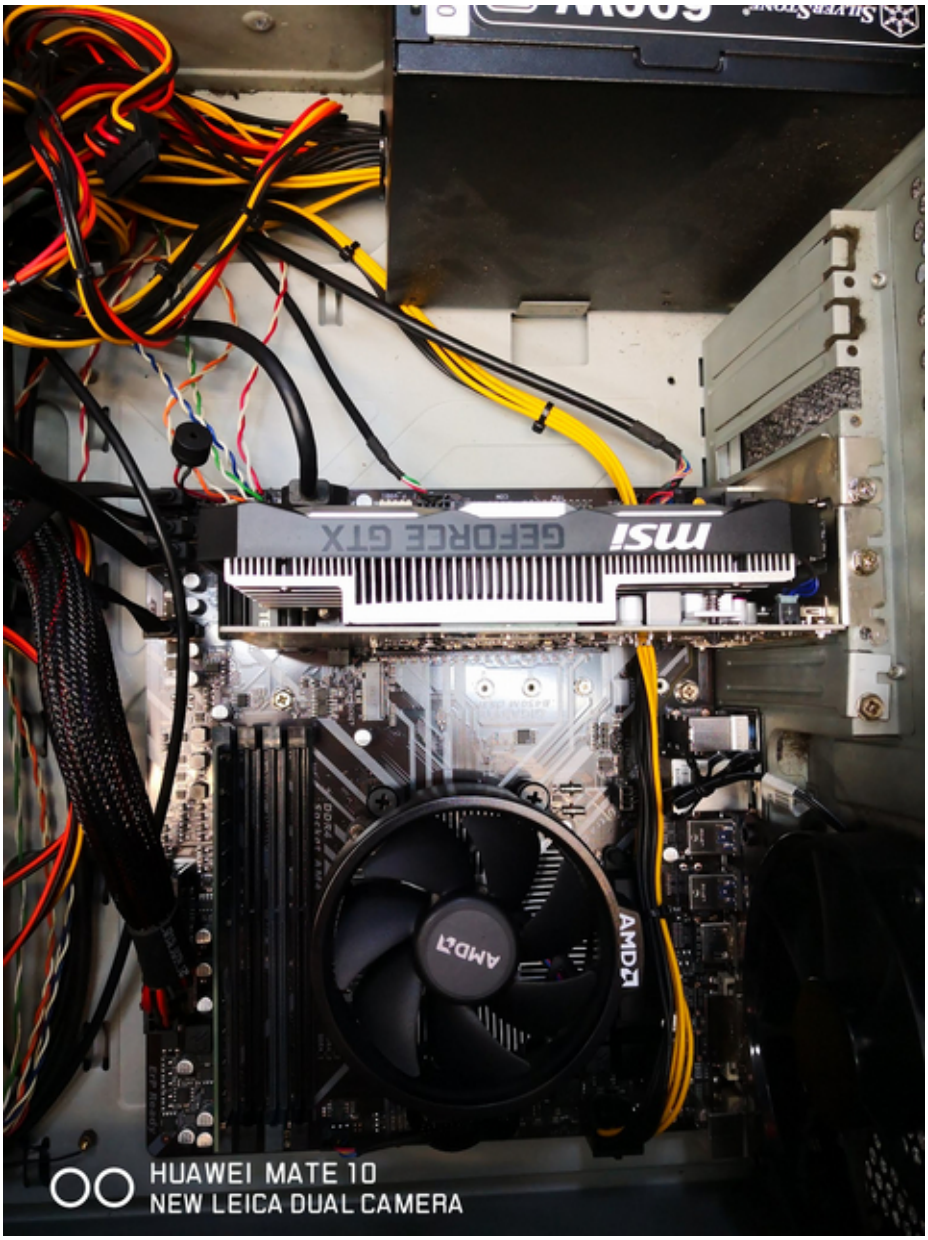

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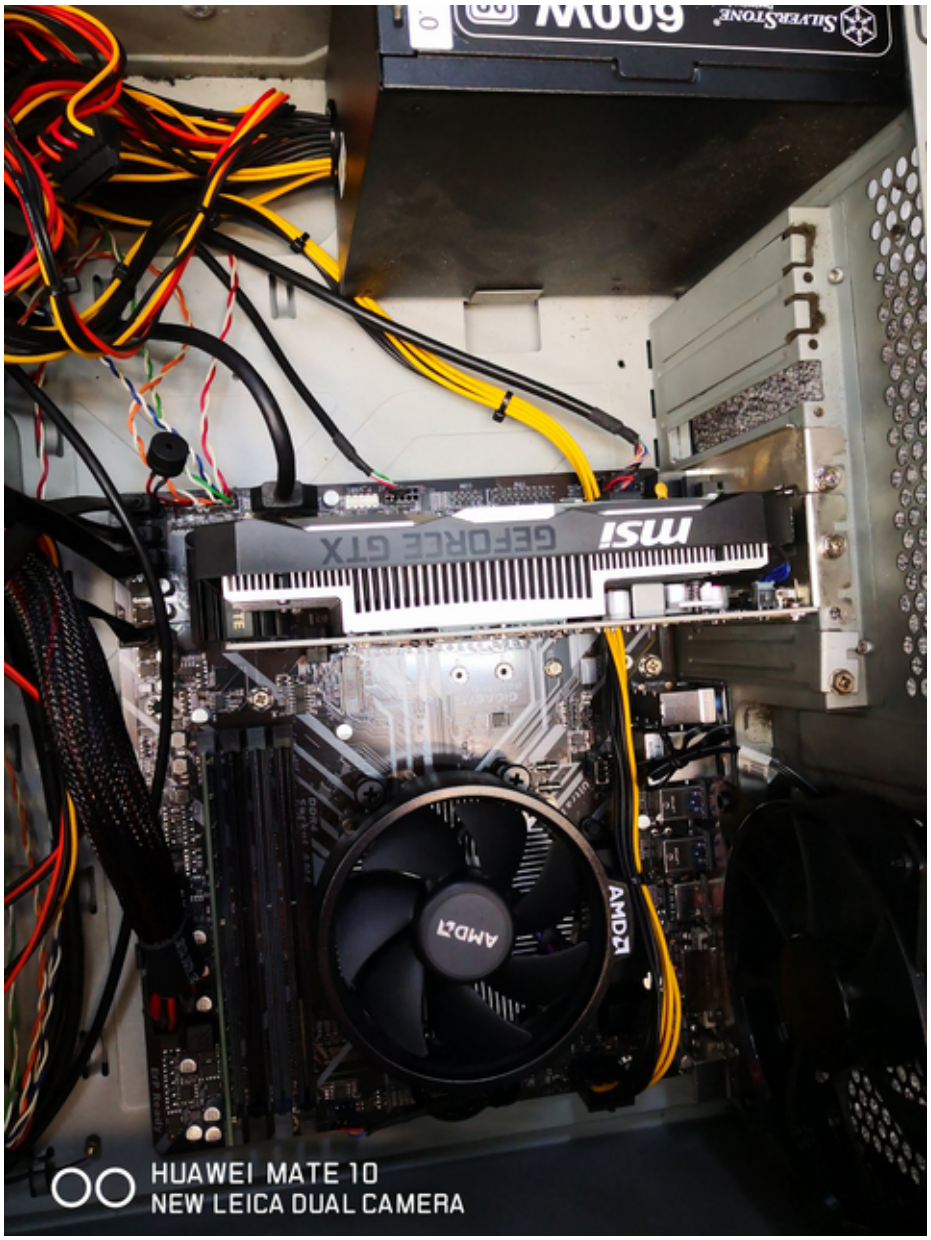

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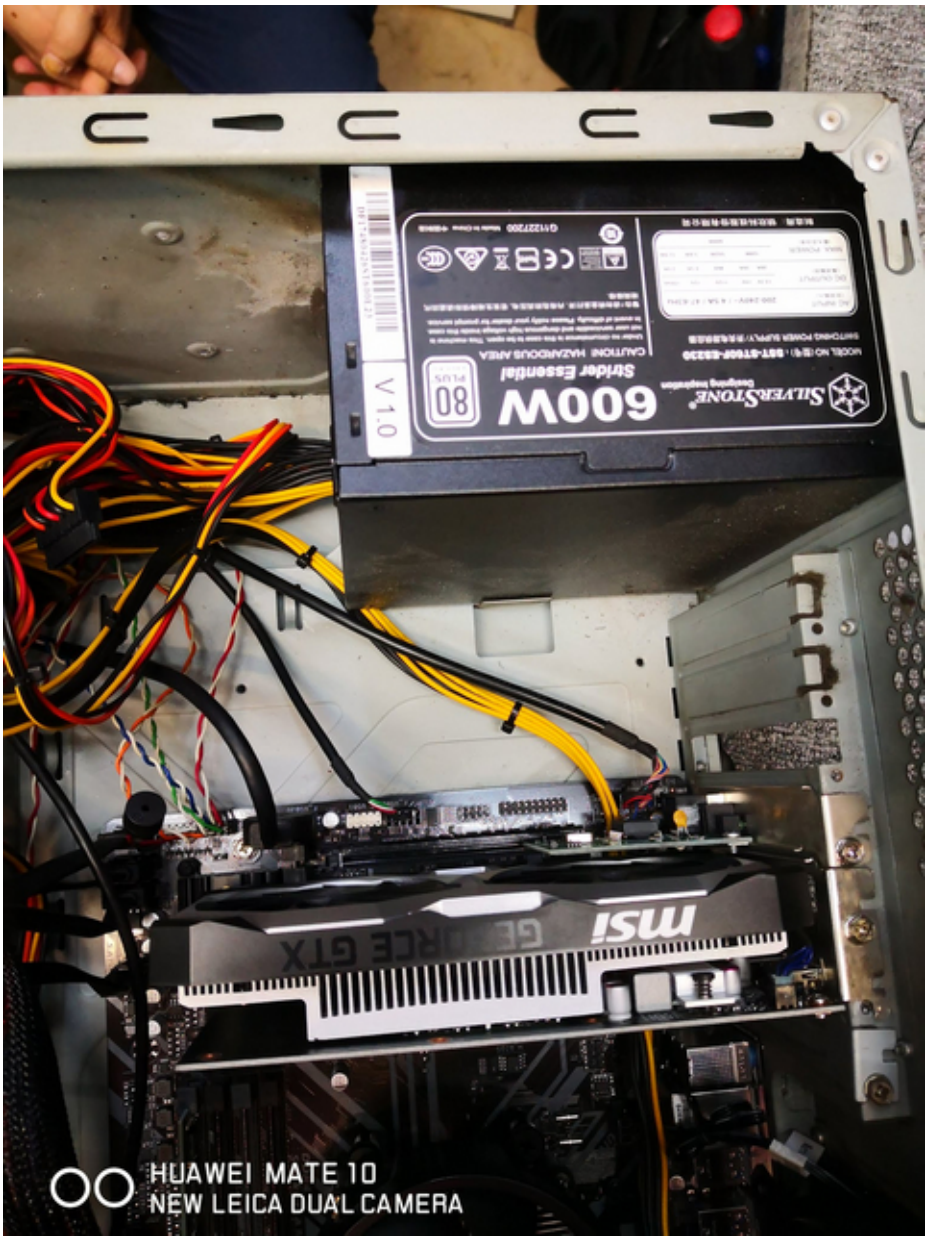

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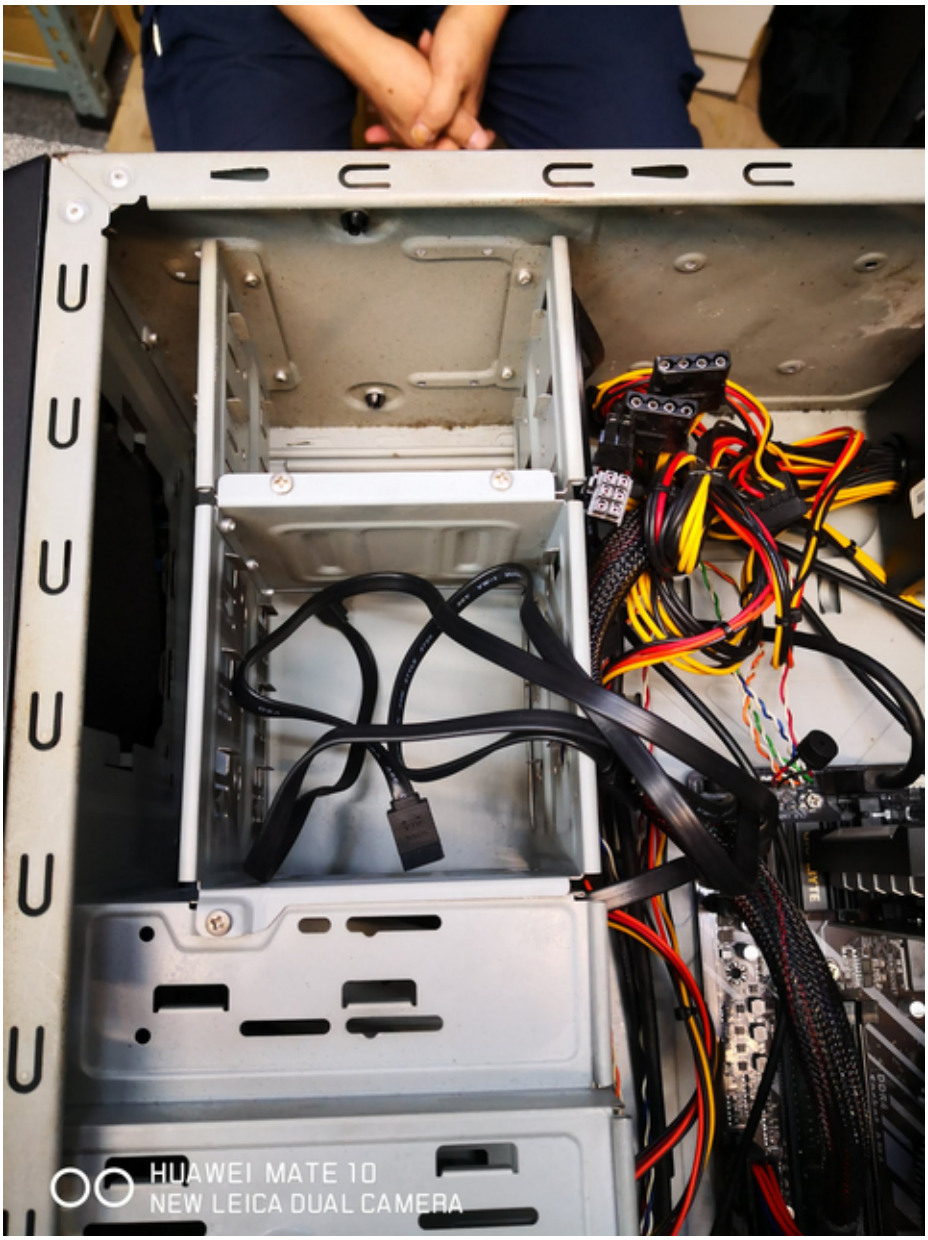

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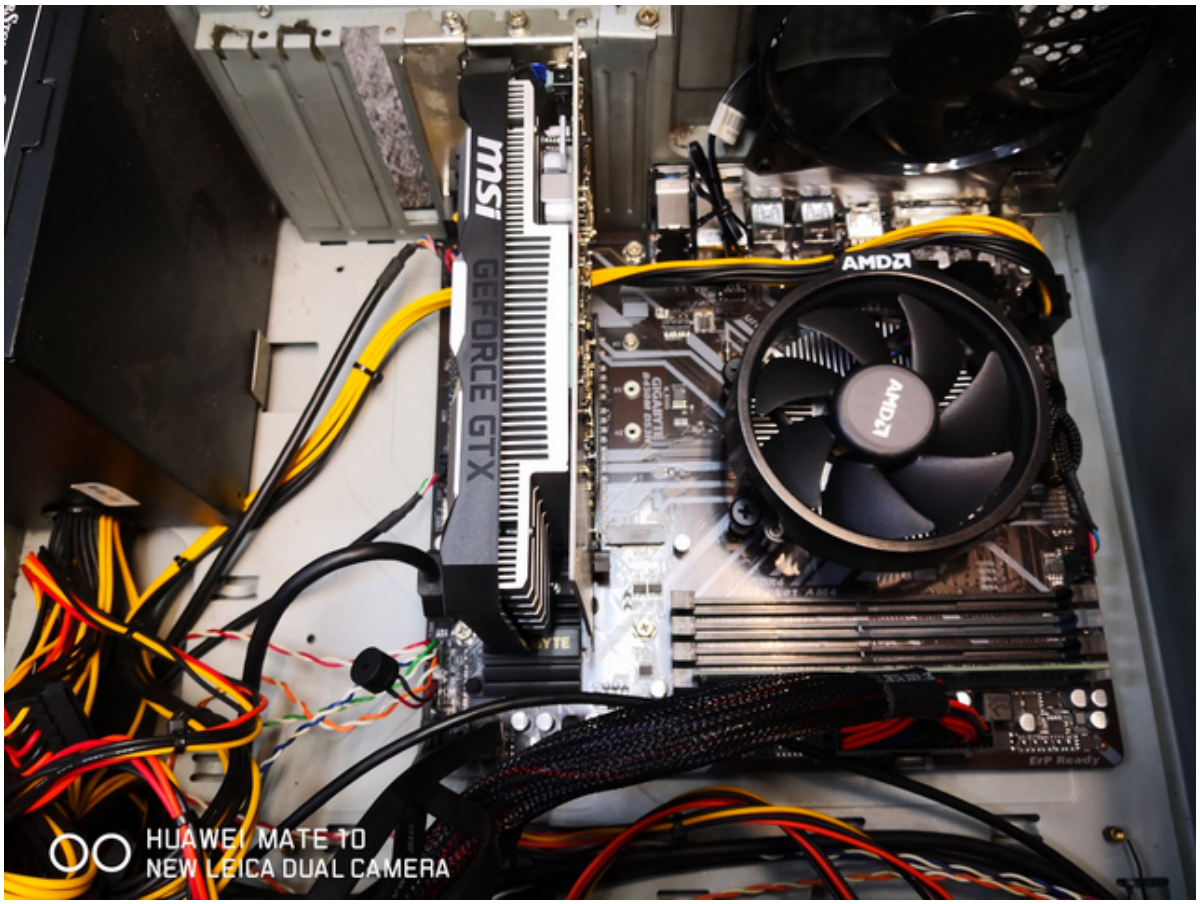

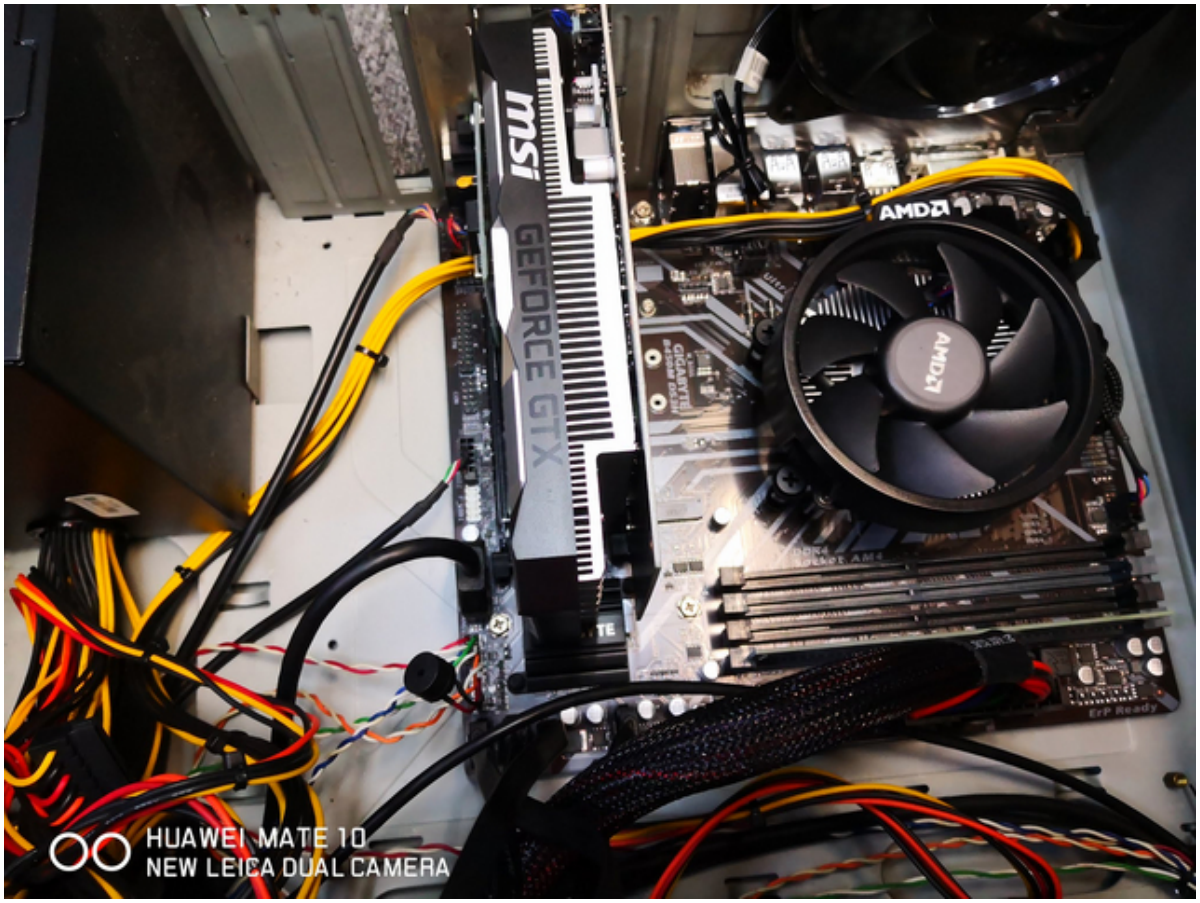

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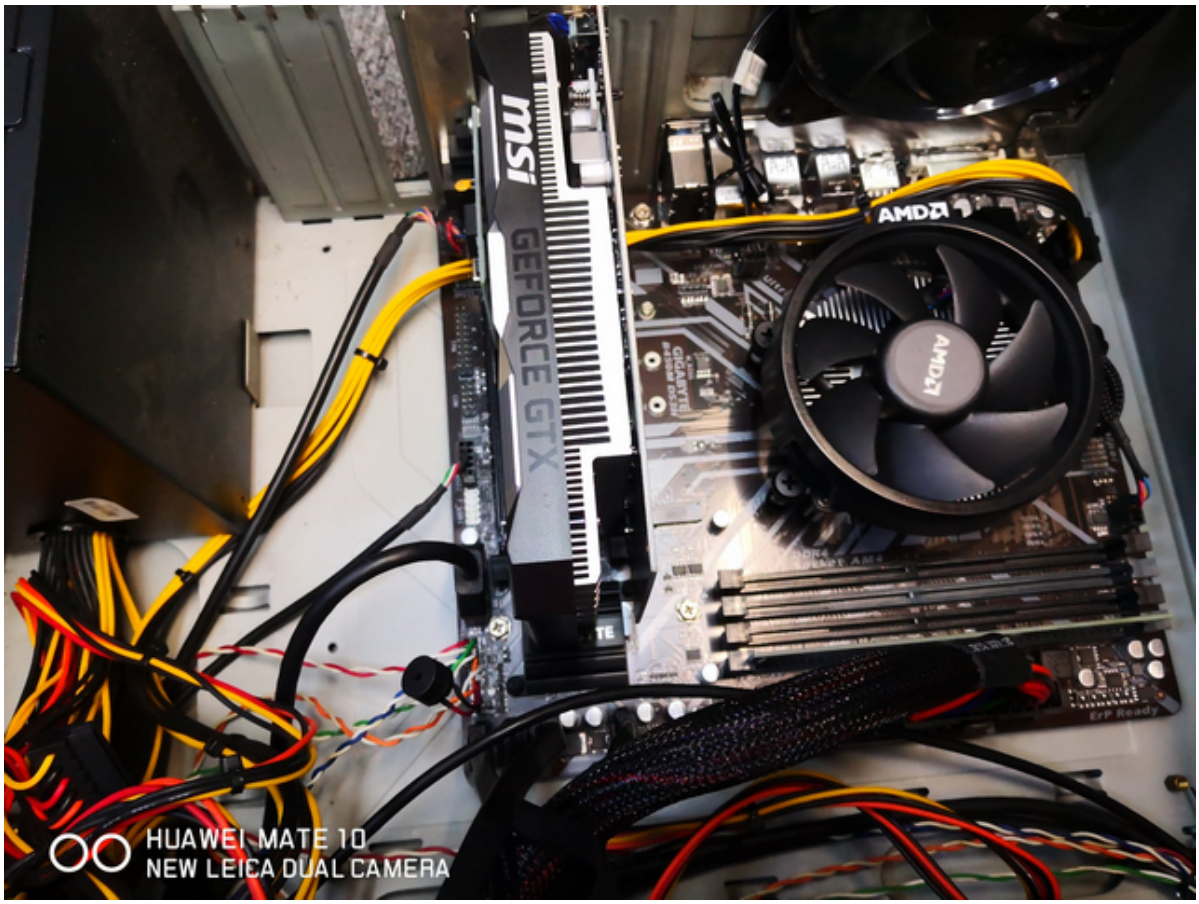

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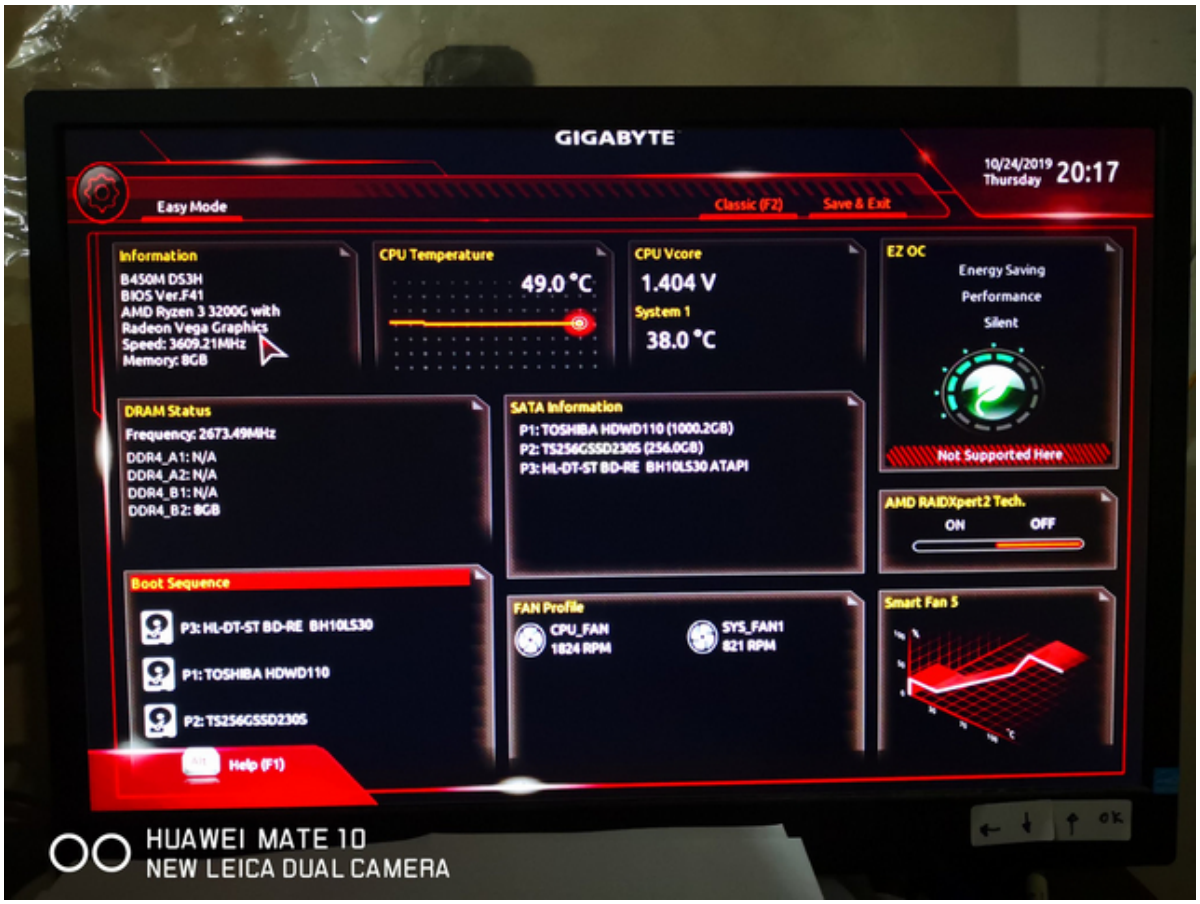

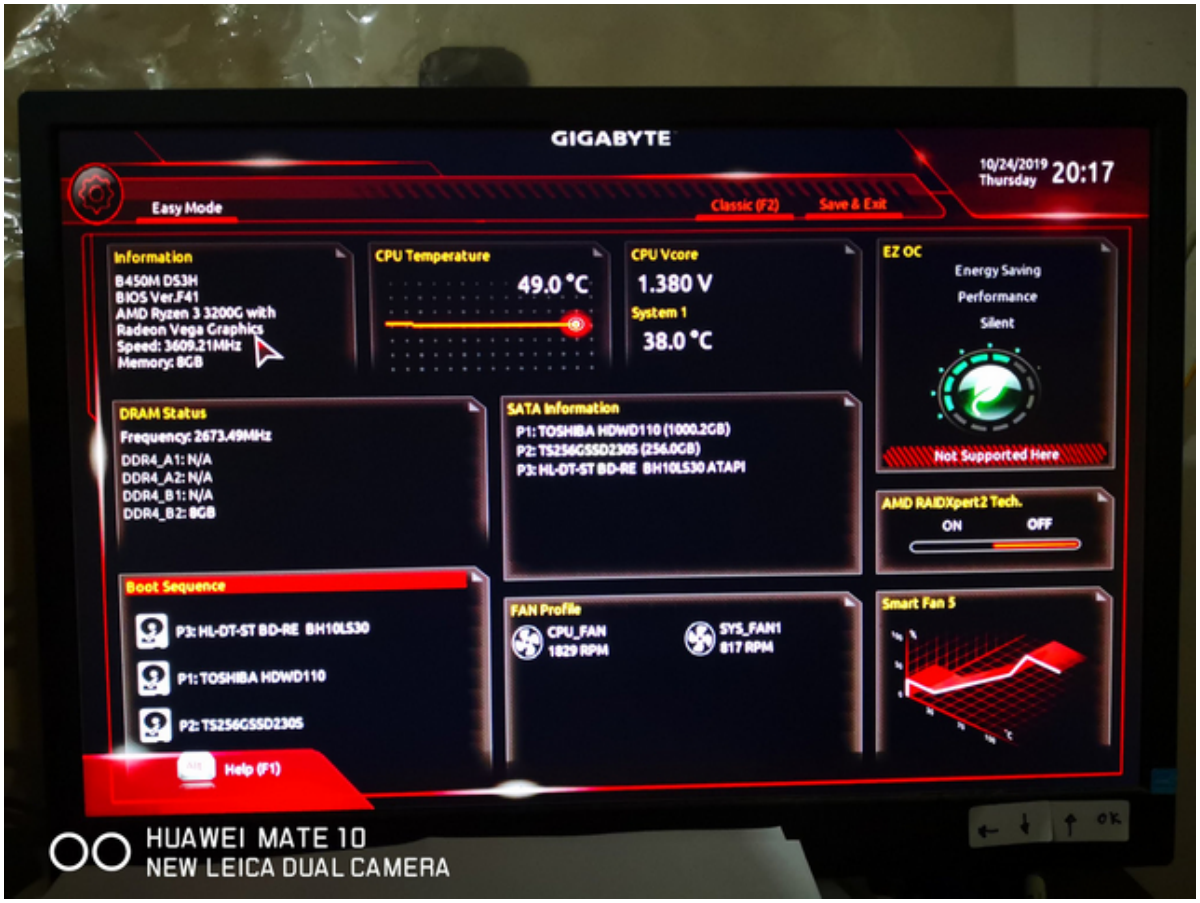

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GIGABYTE
10/24/2019 Thursday 20:17
Easy Mode
Classic (F2)
Save & Exit
Information
B450M DS3H
BIOS Ver.F41
AMD Ryzen 3 3200G with Radeon Vega Graphics
Speed: 3600.21MHz
Memory: 8GB
CPU Temperature
49.0 °C
CPU Vcore
1.404 V
System 1
38.0 °C
EZ OC
Energy Saving
Performance
Silent
Not Supported Here
DRAM Status
Frequency: 2673.49MHz
DDR4_A1: N/A
DDR4_A2: N/A
DDR4_B1: N/A
DDR4_B2: 8GB
SATA Information
P1: TOSHIBA HDWD110 (1000.2GB)
P2: TS256C660D2305 (256.0GB)
P3: HL-DT-ST BD-RE BH10LS30 ATAPI
AMD RAIDXpert2 Tech.
ON
OFF
Boot Sequence
FAN Profile
CPU_FAN
1024 RPM
SYS_FAN1
821 RPM
Smart Fan 5
HUAWEI MATE 10
NEW LEICA DUAL CAMERA

Photos of My Old MSI X99A SLI Krait Edition Motherboard (Now Dead) (2019-10-25 10:24) - Turritopsis Dohrnii Teo En Ming

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Replacement of Supercomputer @ Home in Singapore Due to Motherboard Malfunction

(2019-10-25 10:03) - Turritopsis Dohrnii Teo En Ming

Subject: Replacement of Supercomputer @ Home in Singapore Due to Motherboard Malfunction

Good day from Singapore,

Section A: Old Supercomputer Bought on 30 August 2015
==========

I had bought the following computer components on 30 August 2015 (confirmed date), which is slightly more than 4 years ago.

[1] 5th Generation Intel Core i7-5820K 3.3 GHz 15 MB LGA2011(V3) (140W) SGD$530

[2] MSI X99A SLI Krait Edition USB3.1 LGA2011-3 DDR4 MAINBOARD SGD$439

[3] Kingston PC4-2133 8 GB DDR4 DIMM (KVR21N15D8/8) SGD$90

[4] ANDYSON AG-SERIES 650W 80PLUS SILVER (5YRS) SGD$95

[5] Coolermaster Hyper 103 CPU Cooler SGD$68

Grand Total: SGD$1,222.00 (on 30 Aug 2015)

Section B: Malfunction of MSI X99A SLI Krait Edition Motherboard on 23 Oct 2019 Wed
==========

Symptoms:

When power is supplied, there are LED lights on the motherboard. However, the power supply unit fan, casing fan, CPU fan, and GPU fan keeps spinning up and down repeatedly forever. The RESET LED on the motherboard also turns on and off repeatedly forever.

Troubleshooting Steps:

1. Removed all existing DDR4 memory sticks on the motherboard. Insert brand new G.SKILL DDR4 memory stick. Symptoms persist.

2. Use another known working power supply unit. Symptoms persist.

Conclusion:

The MSI X99A SLI Krait Edition motherboard, which has been in service with me for slightly more than 4 years, is now dead.

Credits: Troubleshooting is performed by a computer shop in 4th story of Sim Lim Square in Singapore, because I don't have the necessary spare parts to troubleshoot. Troubleshooting fee is SGD$30. Plus Grab fare from my home to Sim

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Lim Square is SGD$20.

Section C: Buying Brand New AMD Ryzen 3 3200G processor, Gigabyte B450M DS3H SOC motherboard and Transcend 2666 MHz 8 GB DDR4 DIMM on 23 Oct 2019 Wed
==========
==========

On 23 Oct 2019 Wednesday, I bought the following *replacement* computer components.

[1] Gigabyte B450M DS3H SOC AM4 ATX DDR4 MAINBOARD SGD$113

[2] AMD Ryzen 3 3200G 3.6 GHZ AMD (VEGA 8 GRAPHICS) SGD$138

[3] Transcend 2666 MHZ 8 GB DDR4 DIMM JM2666HLB-8G SGD$58 (bought on 24 Oct 2019)

Notes: My previous 1X Kingston DDR4-2133, 2X Crucial DDR4-2133 and 1X Crucial DDR4-2400 memory sticks are not compatible with the new motherboard, according to the computer shop. I am reusing the MSI GeForce GTX1650 4 GB GDD5 GPU video card and other peripherals in my computer casing.

Grand Total: SGD$309 (on 24 Oct 2019)

Conclusion: Windows 10 Home Edition 64-bit version 1903 is working beautifully without needing to reinstall the operating system after a complete overhaul of supercomputer hardware.

Remarks:

For the past 13 years after graduation from National University of Singapore (NUS) with a Bachelor's degree (Second Class Lower Honours) in mechanical engineering, I have NEVER had a stable and permanent job because I am a TARGETED INDIVIDUAL (TI). A Targeted Individual is a person who is persecuted, targeted, and marked by the [Singapore] Government. Covertly and subtlely, the Singapore Government does not allow me to have a stable and permanent job earning high PMET salaries like $8000 or $9000 a month. For the past 13 years after graduation from NUS, I was *frequently* fired/terminated from employment or forced to resign. I am always *struggling* to find part time/temporary jobs earning $7-$8 per hour. As a result, I do not have much personal savings. When another Singaporean flaunted he has $354,000 in his bank account, I only have less than $1000 in my bank account. I can also recall that The Straits Times reported that a Singaporean housewife was cheated of some $700,000 some time ago. When my home supercomputer failed, I can only buy the cheapest AMD Ryzen 3 processor and the cheapest AMD Socket AM4 motherboard. Singaporean Mr. Turritopsis Dohrnii Teo En Ming is the poorest university graduate in the world! I SIMPLY LOVE TO FLAUNT MY POVERTY!

POSTED WORLD WIDE.

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REFERENCES:

[1] [1]https://lkml.org/lkml/2019/10/24/1091

[2] [2]http://lkml.iu.edu/hypermail/linux/kernel/1910.3/01092.html

[3] [3]https://marc.info/?l=linux-alpha&m=157196734007729&w=2

[4] [4]https://marc.info/?l=linux-m68k&m=157196744507748&w=2

[5] [5]https://marc.info/?l=linux-wireless&m=157196758707776&w=2

[6] [6]https://www.mail-archive.com/linux-media@vger.kernel.org/maillist.html

[7]
[7]http://lists.linuxfromscratch.org/pipermail/lfs-chat/2019-October/029049.htm
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[8]
[8]https://lists.freebsd.org/pipermail/freebsd-chat/2019-October/007378.html

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2. http://lkml.iu.edu/hypermail/linux/kernel/1910.3/01092.html
3. https://marc.info/?l=linux-alpha&m=157196734007729&w=2
4. https://marc.info/?l=linux-m68k&m=157196744507748&w=2
5. https://marc.info/?l=linux-wireless&m=157196758707776&w=2
6. https://www.mail-archive.com/linux-media@vger.kernel.org/maillist.html
7. http://lists.linuxfromscratch.org/pipermail/lfs-chat/2019-October/029049.html
8. https://lists.freebsd.org/pipermail/freebsd-chat/2019-October/007378.html

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Singaporean guy boasted he has $354k in his POSB bank account (2019-10-22 11:00) - Turritopsis Dohrnii Teo En Ming

Source: [1]https://stomp.straitstimes.com/singapore-seen/guy-from-dating- app-turns-nasty-after-getting-rejected-says-hes-got-354k-to-show-her

Teo En Ming don’t even have 1k in his bank account. Hence Teo En Ming can only flaunt his poverty.

1. https://stomp.straitstimes.com/singapore-seen/guy-from-dating-app-turns-nasty-after-getting-rejected-says-hes-got-354k-to-show-her

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I can climb up the stairs to the top of Fort Canning Hill in Singapore! (2019-10-20 19:34) - Turritopsis Dohrnii Teo En Ming

Despite having early osteoarthritis at 41 years old, I can still climb up the stairs to the top of Fort Canning Hill in Singapore!

This was achieved on 20 Oct 2019 Sunday Singapore Time.

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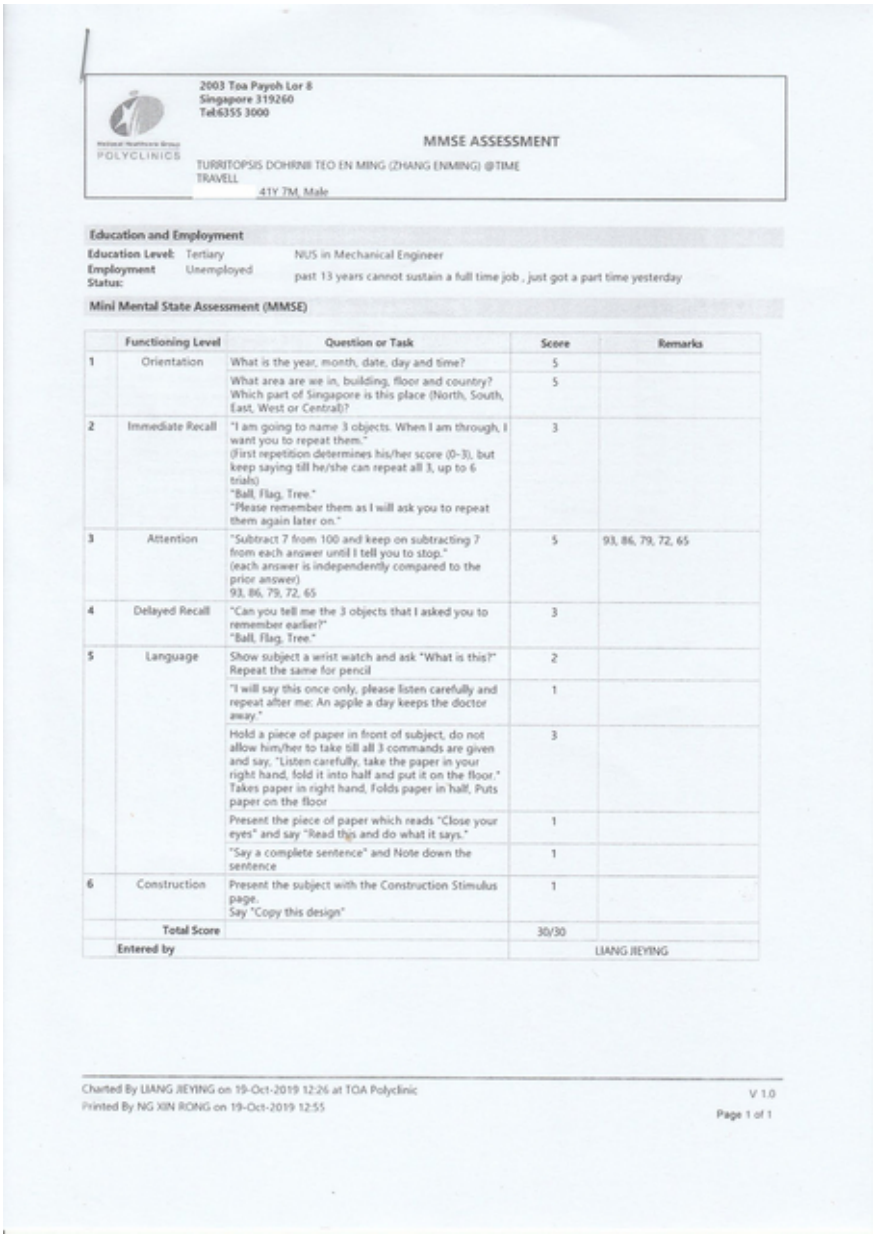
Toa Payoh Polyclinic Doctor in Singapore Says I DO NOT Have Early Signs of Dementia

(2019-10-20 18:41) - Turritopsis Dohrnii Teo En Ming

The following 2 scanned documents are medical assessments for signs of dementia:



2003 Toa Payoh Lor 8
Singapore 319260
Tel:6355 3000

POLYCLINICS

MMSE ASSESSMENT

TURRITOPSIS DOHRNII TEO EN MING (ZHANG ENMING) @TIME TRAVELL
41Y 7M, Male

Education and Employment

Education Level: Tertiary — NUS in Mechanical Engineer
Employment Status: Unemployed — past 13 years cannot sustain a full time job , just got a part time yesterday

Mini Mental State Assessment (MMSE)

	Functioning Level	Question or Task	Score	Remarks
1	Orientation	What is the year, month, date, day and time?	5	
		What area are we in, building, floor and country? Which part of Singapore is this place (North, South, East, West or Central)?	5	
2	Immediate Recall	"I am going to name 3 objects. When I am through, I want you to repeat them." (First repetition determines his/her score (0-3), but keep saying till he/she can repeat all 3, up to 6 trials) "Ball, Flag, Tree." "Please remember them as I will ask you to repeat them again later on."	3	
3	Attention	"Subtract 7 from 100 and keep on subtracting 7 from each answer until I tell you to stop." (each answer is independently compared to the prior answer) 93, 86, 79, 72, 65	5	93, 86, 79, 72, 65
4	Delayed Recall	"Can you tell me the 3 objects that I asked you to remember earlier?" "Ball, Flag, Tree."	3	
5	Language	Show subject a wrist watch and ask "What is this?" Repeat the same for pencil	2	
		"I will say this once only, please listen carefully and repeat after me: An apple a day keeps the doctor away."	1	
		Hold a piece of paper in front of subject, do not allow him/her to take till all 3 commands are given and say, "Listen carefully, take the paper in your right hand, fold it into half and put it on the floor." Takes paper in right hand, Folds paper in half, Puts paper on the floor	3	
		Present the piece of paper which reads "Close your eyes" and say "Read this and do what it says."	1	
		"Say a complete sentence" and Note down the sentence	1	
6	Construction	Present the subject with the Construction Stimulus page. Say "Copy this design"	1	
	Total Score		30/30	
	Entered by		LIANG JIEYING	

Charted By LIANG JIEYING on 19-Oct-2019 12:26 at TOA Polyclinic
Printed By NG XIN RONG on 19-Oct-2019 12:55

V 1.0
Page 1 of 1

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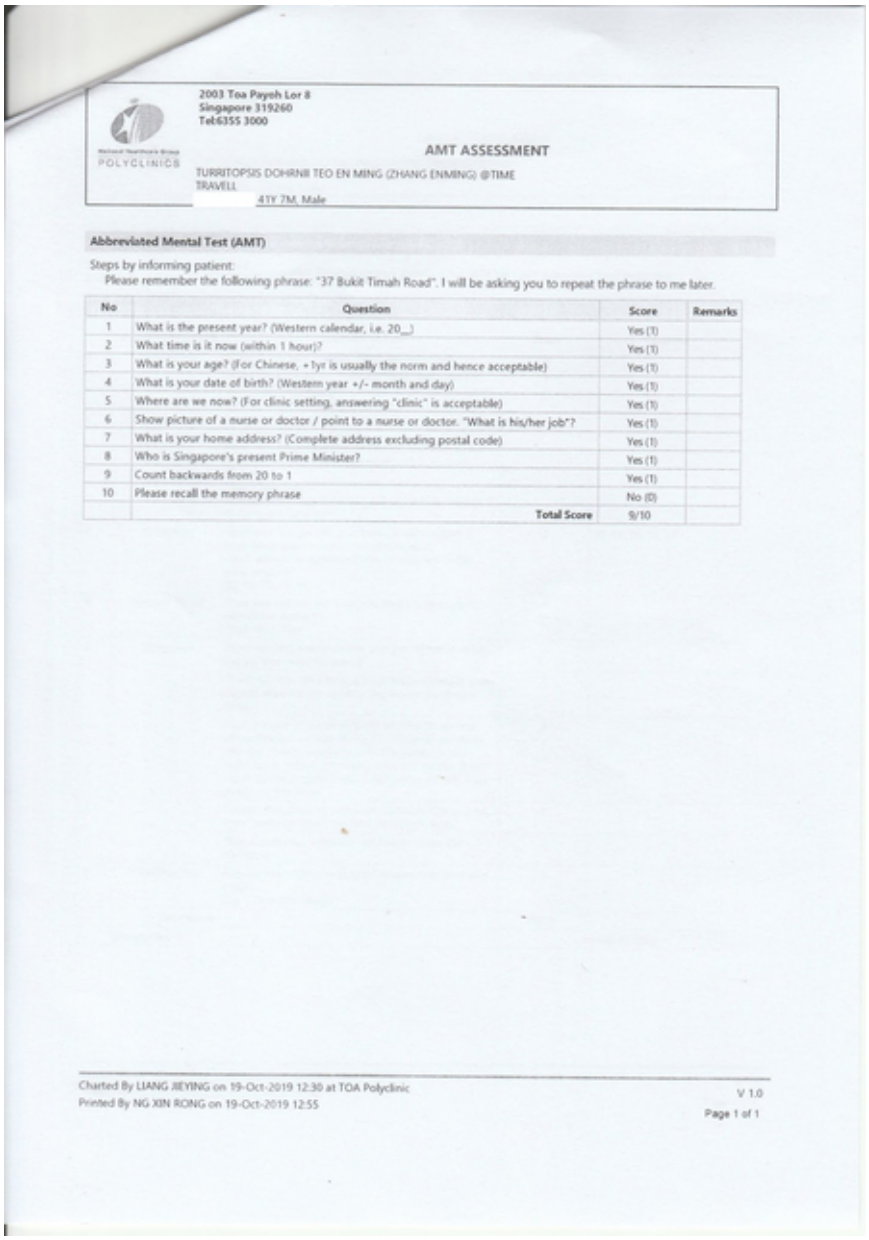

2003 Toa Payoh Lor 8
Singapore 319260
Tel:6355 3000

POLYCLINICS

AMT ASSESSMENT

TURRITOPSIS DOHRNII TEO EN MING (ZHANG ENMING) @TIME TRAVELL
4TY 7M, Male

Abbreviated Mental Test (AMT)

Steps by informing patient:
Please remember the following phrase: "37 Bukit Timah Road". I will be asking you to repeat the phrase to me later.

No	Question	Score	Remarks
1	What is the present year? (Western calendar, i.e. 20__)	Yes (1)	
2	What time is it now (within 1 hour)?	Yes (1)	
3	What is your age? (For Chinese, + 1yr is usually the norm and hence acceptable)	Yes (1)	
4	What is your date of birth? (Western year +/- month and day)	Yes (1)	
5	Where are we now? (For clinic setting, answering "clinic" is acceptable)	Yes (1)	
6	Show picture of a nurse or doctor / point to a nurse or doctor. "What is his/her job"?	Yes (1)	
7	What is your home address? (Complete address excluding postal code)	Yes (1)	
8	Who is Singapore's present Prime Minister?	Yes (1)	
9	Count backwards from 20 to 1	Yes (1)	
10	Please recall the memory phrase	No (0)	
	Total Score	9/10	

Charted By LIANG JIEYING on 19-Oct-2019 12:30 at TOA Polyclinic
Printed By NG XIN RONG on 19-Oct-2019 12:55

V 1.0
Page 1 of 1

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DNS Records for Teo En Ming Corporation (Office 365 Business Premium) (Using Linux command dig) (2019-10-20 18:22) - Turritopsis Dohrnii Teo En Ming

```
Subject: DNS Records for Teo En Ming Corporation (Office 365 Business Premium)
(Using Linux command dig)

Good day from Singapore,

Office 365 Business Premium User: CEO at teo-en-ming-corp.com

Linux command dig:

[1]teo-en-ming at debian:~$ dig @8.8.8.8 teo-en-ming-corp.com ANY

; {\textless}{\textless}{\textgreater}{\textgreater} DiG 9.11.5-P4-5.1-Debian {\textless}{\textles
; (1 server found)
;; global options: +cmd
;; Got answer:
;; -{\textgreater}{\textgreater}HEADER{\textless}{\textless}- opcode: QUERY, status: NOERROR, id:
;; flags: qr rd ra; QUERY: 1, ANSWER: 6, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 512
;; QUESTION SECTION:
;teo-en-ming-corp.com.          IN      ANY

;; ANSWER SECTION:
teo-en-ming-corp.com.   599     IN      A       184.168.221.55
teo-en-ming-corp.com.   3599    IN      NS      ns37.domaincontrol.com.
teo-en-ming-corp.com.   3599    IN      NS      ns38.domaincontrol.com.
teo-en-ming-corp.com.   3599    IN      SOA     ns37.domaincontrol.com.
dns.jomax.net. 2019101803 28800 7200 604800 600
teo-en-ming-corp.com.   3599    IN      MX      0
teoenmingcorp-com0iei.mail.protection.outlook.com.
teo-en-ming-corp.com.   3599    IN      TXT     "v=spf1
include:spf.protection.outlook.com -all"

;; Query time: 15 msec
;; SERVER: 8.8.8.8#53(8.8.8.8)
;; WHEN: Sun Oct 20 18:03:09 +08 2019
;; MSG SIZE  rcvd: 287



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[1] [2]https://lkml.org/lkml/2019/10/20/38



[2] [3]http://lkml.iu.edu/hypermail/linux/kernel/1910.2/04902.html
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[4]http://lists.linuxfromscratch.org/pipermail/lfs-chat/2019-October/029047.htm
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2. https://lkml.org/lkml/2019/10/20/38
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DNS Records for Teo En Ming Corporation (Office 365 Business Premium) (2019-10-20 14:57) - Turritopsis Dohrnii Teo En Ming

```
Subject: DNS Records for Teo En Ming Corporation (Office 365 Business Premium)

Good day from Singapore,

Office 365 Business Premium User: [1]ceo at teo-en-ming-corp.com

Windows Command Prompt nslookup:

teo-en-ming-corp.com    internet address = 184.168.221.46
teo-en-ming-corp.com    nameserver = ns37.domaincontrol.com
teo-en-ming-corp.com    nameserver = ns38.domaincontrol.com
teo-en-ming-corp.com
        primary name server = ns37.domaincontrol.com
        responsible mail addr = dns.jomax.net
        serial  = 2019101803
        refresh = 28800 (8 hours)
        retry   = 7200 (2 hours)
        expire  = 604800 (7 days)
        default TTL = 600 (10 mins)
teo-en-ming-corp.com    MX preference = 0, mail exchanger =
teoenmingcorp-com0iei.mail.protection.outlook.com
teo-en-ming-corp.com    text =

        "v=spf1 include:spf.protection.outlook.com -all"



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[1] [2]https://lkml.org/lkml/2019/10/19/221



[2] [3]http://lkml.iu.edu/hypermail/linux/kernel/1910.2/04829.html



[3]
[4]http://lists.linuxfromscratch.org/pipermail/lfs-chat/2019-October/029046.htm
l



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[5]https://lists.freebsd.org/pipermail/freebsd-chat/2019-October/007374.html
```

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3. http://lkml.iu.edu/hypermail/linux/kernel/1910.2/04829.html
4. http://lists.linuxfromscratch.org/pipermail/lfs-chat/2019-October/029046.html
5. https://lists.freebsd.org/pipermail/freebsd-chat/2019-October/007374.html

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I am member of Amnesty International (2019-10-18 22:02) - Turritopsis Dohrnii Teo En Ming

I am member of Amnesty International.

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I am a member of Reporters Without Borders (2019-10-18 22:01) - Turritopsis Dohrnii Teo En Ming

I am a member of Reporters Without Borders.

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I was a member of the International Bar Association (IBA) (2019-10-18 22:00) - Turritopsis Dohrnii Teo En Ming

I was a member of the International Bar Association (IBA).

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I am a member of the American Civil Liberties Union (ACLU) (2019-10-18 21:59) - Turritopsis Dohrnii Teo En Ming

I am a member of the American Civil Liberties Union (ACLU).

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Top 7 Programming Languages That Employers Really Want (2019-10-18 21:57) - Turritopsis Dohrnii Teo En Ming

REFERENCES:

[1] [1]https://lists.fedoraproject.org/archives/list/users@lists.fedo raproject.org/thread/HW74VU5QEGNHYDZ5U5PV3IA4-5W3D3OXW/

[2] [2]https://lists.centos.org/pipermail/centos/2019-October/173942. html

[3] [3]https://lists.debian.org/debian-user/2019/10/msg00655.html

1. https://lists.fedoraproject.org/archives/list/users@lists.fedoraproject.org/thread/HW74VU5QEGNHYDZ5U5PV3IA45W3D3OXW/
2. https://lists.centos.org/pipermail/centos/2019-October/173942.html
3. https://lists.debian.org/debian-user/2019/10/msg00655.html

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Only people in Singapore with the surname/last name of Teo can get osteoarthritis (2019-10-16 10:32) - Turritopsis Dohrnii Teo En Ming

Only people in Singapore with the surname/last name of Teo can get osteoarthritis. My surname/last name is Teo, so naturally I get early onset of osteoarthritis at 41 years old.

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Walking is also an EFFECTIVE form of exercise (2019-10-16 10:29) - Turritopsis Dohrnii Teo En Ming

You don’t have to run or jog to achieve exercise results. I cannot run or jog because I have early onset of osteoarthritis at 41 years old.

I usually walk between 7 to 15 kilometers per day. The next morning I will discover that my blood glucose has dropped to 4.8 to 5.1 mmol/L.

This shows that walking is also an effective form of exercise, as it causes my blood glucose to drop the next morning.

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[The Straits Times] Fans, celebrities mourn death of K-pop star Sulli (2019-10-16 10:25) - Turritopsis Dohrnii Teo En Ming

South Korean police suspect suicide due to online bullying.

Link: [1]https://www.straitstimes.com/lifestyle/fans-celebrities-mourn-de ath-of-k-pop-star-sulli

1. https://www.straitstimes.com/lifestyle/fans-celebrities-mourn-death-of-k-pop-star-sulli

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[Mustsharenews.com] Sharon Au Was Counselled By Her Company in Paris, France Because She Sent Out Work-Related Texts After 8pm (2019-10-16 10:20) - Turritopsis Dohrnii Teo En Ming

Former Singapore Mediacorp TV actress Sharon Au migrated to France and is currently working in Paris.

Link: [1]https://mustsharenews.com/sharon-au-counselled/

1. `https://mustsharenews.com/sharon-au-counselled/`

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I am of the opinion that Singaporean Mr. CHEONG WEI CHANG is also a TARGETED INDIVIDUAL (TI) (2019-10-15 10:20) - Turritopsis Dohrnii Teo En Ming

```
Subject: I am of the opinion that Singaporean Mr. CHEONG WEI CHANG is
also a TARGETED INDIVIDUAL (TI)

Below is a non-exhaustive list of news articles on Singapore Citizen
Mr. CHEONG WEI CHANG.

[001] News Article: Man's suit against Lee Hsien Loong alleging woes
caused by PM's 'department' thrown out
News Platform: Yahoo! News Singapore
Link:
[1]https://sg.news.yahoo.com/mans-suit-lee-hsien-loong-alleging-woes-caused-pms
-department-thrown-124212754.html

[QUOTE] In all, Cheong enclosed three volumes of documents comprising
miscellaneous photos relating to a variety of his supposed woes. The
photos and their captions related to topics ranging from failed job
interviews and errors in finance textbooks to health problems.

...snipped...

Cheong said Lee ``and/or his department's regulations concern (sic) my
health and activities'', and that Lee ``did not address my concerns on
the regulations of activities when I asked for the regulations of
activities to stop''. [UNQUOTE]

[002] News Article: Man Sues PM Lee For Blood In Stools; Case Thrown
Out Of Court Twice
News Platform: Mustsharenews.com
Link: [2]https://mustsharenews.com/blood-stools-pm-lee/

[QUOTE] Of bloody stools & failed interviews

...snipped...

The second was a failed job interview at Citibank. [UNQUOTE]

[003] News Article: Plaintiff tries to sue Lee Hsien Loong, claims
Prime Minister made him shit blood
News Platform: The Independent Singapore
Link:
[3]http://theindependent.sg/plaintiff-tries-to-sue-lee-hsien-loong-claims-prime
-minister-made-him-shit-blood/

[QUOTE] A local man has failed in his attempt to sue Singapore Prime
Minister Lee Hsien Loong for imposing ``regulations'' on his life that
seems to hamper the plaintiff's quality of life.

...snipped...

In the judgment on the case that was released on the Supreme Court's
```

website last Friday, it appears that the man, Mr Cheong Wei Chang, tried to sue PM Lee in his capacity as the head of Government for imposing ``regulations of activities'' on him that ``concern my health and activities.''

...snipped...

Revealing that the volumes pointed to a wide variety of topics such as failed job interviews, health issues and errors in finance textbooks, judicial commissioner Valerie Thean provided three examples of the issues Mr Cheong attributed to PM Lee, in the judgment. [UNQUOTE]

It appears that Singapore Citizen Mr. Turritopsis Dohrnii Teo En Ming has symptoms very similar to that of Singapore Citizen Mr. CHEONG WEI CHANG.

REFERENCES:

[1] [4]http://lkml.iu.edu/hypermail/linux/kernel/1910.1/05981.html

[2]
[5]http://lists.linuxfromscratch.org/pipermail/lfs-chat/2019-October/029045.html

[3]
[6]https://lists.freebsd.org/pipermail/freebsd-chat/2019-October/007372.html

1. https://sg.news.yahoo.com/mans-suit-lee-hsien-loong-alleging-woes-caused-pms-department-thrown-124212754.html

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2. https://mustsharenews.com/blood-stools-pm-lee/

3. http://theindependent.sg/plaintiff-tries-to-sue-lee-hsien-loong-claims-prime-minister-made-him-shit-blood/

4. http://lkml.iu.edu/hypermail/linux/kernel/1910.1/05981.html

5. http://lists.linuxfromscratch.org/pipermail/lfs-chat/2019-October/029045.html

6. https://lists.freebsd.org/pipermail/freebsd-chat/2019-October/007372.html

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Singapore Citizen Mr. Teo En Ming's Refugee Seeking Attempts, in the Search of a Substantially Better Life (2019-10-10 17:26) - Turritopsis Dohrnii Teo En Ming

Singapore Citizen Mr. Teo En Ming's Refugee Seeking Attempts, in the Search of a Substantially Better Life

In reverse chronological order:

[1] Petition to the Government of Taiwan for Refugee Status, 5th August 2019 Monday

Photo #1: At the building of the National Immigration Agency, Ministry of the Interior, Taipei, Taiwan, 5th August 2019

Photo #2: Queue ticket no. 515 at the National Immigration Agency, Ministry of the Interior, Taipei, Taiwan, 5th August 2019

Photo #3: Submission of documents/petition to the National Immigration Agency, Ministry of the Interior, Taipei, Taiwan, 5th August 2019

Photos #4 and #5: Acknowledgement of Receipt (no. 03142) for the submission of documents/petition from the National Immigration Agency, Ministry of the Interior, Taipei, Taiwan, 5th August 2019, 10:00 AM

References:

(a) Petition to the Government of Taiwan for Refugee Status, 5th August 2019 Monday (Blogger blog)

Link: https://tdtemcerts.blogspot.sg/2019/08/petition-to-government-of-taiwan-for.h tml

(b) Petition to the Government of Taiwan for Refugee Status, 5th August 2019 Monday (Wordpress blog)

Link: https://tdtemcerts.wordpress.com/2019/08/23/petition-to-the-government-of-tai wan-for-refugee-status/

[2] Application for Refugee Status at the United Nations Refugee Agency, Bangkok, Thailand, 21st March 2017 Tuesday

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References:

(a) [YOUTUBE] Vlog: The Road to Application for Refugee Status at the United Nations High Commissioner for Refugees, Bangkok

Link: https://www.youtube.com/watch?v=utpuAa1eUNI

YouTube video Published on March 22nd, 2017

Views as at 13th September 2019: 603

YouTube Channel: Turritopsis Dohrnii Teo En Ming

Subscribers as at 13th September 2019: 2.85K

Link: https://www.youtube.com/channel/UC _ _F2hzlqNEEGx-IXxQi3hA

REFERENCES:

[36] [1]https://mail.gnome.org/archives/gimp-user-list/2019-October/m sg00014.html

1. `https://mail.gnome.org/archives/gimp-user-list/2019-October/msg00014.html`

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I have just bought 6 months' supply of Glucosamine Sulfate to treat early onset of osteoarthritis of both knees (2019-10-10 17:17) - Turritopsis Dohrnii Teo En Ming

I have just bought 6 months' supply of Glucosamine Sulfate to treat early onset of osteoarthritis of both knees, on 10 Oct 2019.

I am 41 years old this year (2019).

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Confirmed. Eu Yan Sang High Strength CholesFREE with Natto Plus Red Yeast Rice Lowers LDL Bad Cholesterol and Increases HDL Good Cholesterol. (2019-10-10 16:58) - Turritopsis Dohrnii Teo En Ming

Confirmed. Eu Yan Sang High Strength CholesFREE with Natto Plus Red Yeast Rice Lowers LDL Bad Cholesterol and Increases HDL Good Cholesterol. After I have restarted taking Eu Yan Sang High Strength CholesFREE with Natto Plus Red Yeast Rice on 9th September 2019 for 30 days (1 month), I went for another round of blood tests (Lipid Panel) at Toa Payoh Polyclinic on 10th October 2019 Thursday. Please refer to the table below for my lab test (Lipid Panel) results. 3rd July 2019 31st July 2019 9th Sept 2019 10th October 2019 Cholesterol 7.27 5.52 6.72 5.91 Triglycerides 3.31 1.68 1.55 2.32 HDL 1.15 1.16 1.13 1.34 LDL 4.63 3.59 4.89 3.53 Chol:HDL Ratio 6.32 4.74 5.95 4.43 Source of Lab Test Results for 10 Oct 2019: HealthHub SG app (unable to screenshot) As you can see from the above Table of Results (Lipid Panel), it has been confirmed that Eu Yan Sang High Strength CholesFREE with Natto Plus Red Yeast Rice effectively reduces LDL bad cholesterol and increases HDL good cholesterol, after I have only restarted taking it for 30 days. This is a Stamp of Approval for me to continue buying Eu Yan Sang High Strength CholesFREE with Natto Plus Red Yeast Rice to treat hypercholesterolemia. As usual, Omega-3 fish oil with DHA and EPA continues to lower my triglycerides levels, even though it increases slightly on 10 Oct 2019. I went for my blood tests (Lipid Panel) on 10 Oct 2019 without any 8 hour fasting.

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I have applied to set another world record at Guiness World Records (2019-10-09 23:30) - Turritopsis Dohrnii Teo En Ming

I have applied to set another world record at Guiness World Records.

Stay tuned.

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Singapore Citizen Mr. Teo En Ming's Refugee Seeking Attempts, in the Search of a Substantially Better Life (2019-10-09 23:27) - Turritopsis Dohrnii Teo En Ming

Singapore Citizen Mr. Teo En Ming's Refugee Seeking Attempts, in the Search of a Substantially Better Life

In reverse chronological order:

[1] Petition to the Government of Taiwan for Refugee Status, 5th August 2019 Monday

Photo #1: At the building of the National Immigration Agency, Ministry of the Interior, Taipei, Taiwan, 5th August 2019

Photo #2: Queue ticket no. 515 at the National Immigration Agency, Ministry of the Interior, Taipei, Taiwan, 5th August 2019

Photo #3: Submission of documents/petition to the National Immigration Agency, Ministry of the Interior, Taipei, Taiwan, 5th August 2019

Photos #4 and #5: Acknowledgement of Receipt (no. 03142) for the submission of documents/petition from the National Immigration Agency, Ministry of the Interior, Taipei, Taiwan, 5th August 2019, 10:00 AM

References:

(a) Petition to the Government of Taiwan for Refugee Status, 5th August 2019 Monday (Blogger blog)

Link: https://tdtemcerts.blogspot.sg/2019/08/petition-to-government-of-taiwan-for.h tml

(b) Petition to the Government of Taiwan for Refugee Status, 5th August 2019 Monday (Wordpress blog)

Link: https://tdtemcerts.wordpress.com/2019/08/23/petition-to-the-government-of-tai wan-for-refugee-status/

[2] Application for Refugee Status at the United Nations Refugee Agency, Bangkok, Thailand, 21st March 2017 Tuesday

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References:

(a) [YOUTUBE] Vlog: The Road to Application for Refugee Status at the United Nations High Commissioner for Refugees, Bangkok

Link: https://www.youtube.com/watch?v=utpuAa1eUNI

YouTube video Published on March 22nd, 2017

Views as at 13th September 2019: 603

YouTube Channel: Turritopsis Dohrnii Teo En Ming

Subscribers as at 13th September 2019: 2.85K

Link: https://www.youtube.com/channel/UC _ _F2hzlqNEEGx-IXxQi3hA

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[35] [1]https://marc.info/?l=netfilter &m=157054550807254 &w=2

1. `https://marc.info/?l=netfilter&m=157054550807254&w=2`

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Started Working as an Ad-Hoc Part Time QC Inspector for Printed Books in Printing Factory
(2019-10-09 23:23) - Turritopsis Dohrnii Teo En Ming

Started Working as an Ad-Hoc Part Time QC Inspector for Printed Books in Printing Factory.

$8 per hour.

8 Oct 2019 Tue (1st Day): 9 AM to 6 PM, SGD $64

9 Oct 2019 Wed (2nd Day): 9 AM to 8 PM (Overtime), SGD $80

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Taking Eu Yan Sang Joint Max Plus and/or Glucosamine Sulfate Seems to Have Improved My Knee Joint Conditions **(2019-10-09 23:19) - Turritopsis Dohrnii Teo En Ming**

Taking Eu Yan Sang Joint Max Plus and/or Glucosamine Sulfate Seems to Have Improved My Knee Joint Conditions.

I noticed it today, 9 Oct 2019 Wednesday. Maybe I am wrong. Maybe my knee joints are simply behaving well today only.

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Chinese TV Drama Serials: Nine Kilometers of Love (2019-10-09 23:15) - Turritopsis Dohrnii Teo En Ming

YouTube: [1]https://www.youtube.com/watch?v=5tfYM0W8mmg &list=PLMX26aiIvX5qD3PcbLc-lUTW2VCsMeBbx

1. `https://www.youtube.com/watch?v=5tfYM0W8mmg&list=PLMX26aiIvX5qD3PcbLc-lUTW2VCsMeBbx`

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[7 Oct 2019 Mon] 1.5 hours of gym workout caused my blood glucose to drop to very low levels

(2019-10-09 23:11) - Turritopsis Dohrnii Teo En Ming

Blood glucose before gym workout: 5.8 mmol/L

Blood glucose after gym workout: 4.0 mmol/L

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Running BOINC Project (SETI@home) for 48 Hours Killed My Galax GeForce GTX 1650 4 GB GDDR5 GPU (2019-10-06 12:47) - Turritopsis Dohrnii Teo En Ming

REFERENCES:

[1] [1]http://lkml.iu.edu/hypermail/linux/kernel/1910.0/06336.html

[2] [2]http://lists.linuxfromscratch.org/pipermail/lfs-chat/2019-Oc tober/029043.html

[3] [3]https://lists.freebsd.org/pipermail/freebsd-chat/2019-October/ 007368.html

1. http://lkml.iu.edu/hypermail/linux/kernel/1910.0/06336.html
2. http://lists.linuxfromscratch.org/pipermail/lfs-chat/2019-October/029043.html
3. https://lists.freebsd.org/pipermail/freebsd-chat/2019-October/007368.html

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Prime Minister Cao Cao Chose Immortality Over Becoming Emperor of Ancient China

(2019-10-04 22:38) - Turritopsis Dohrnii Teo En Ming

I seem to have read somewhere online that Prime Minister Cao Cao chose immortality over becoming Emperor of Ancient China. Can’t recall where I have seen it.

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What is the Ultimate Measure of Success? (2019-10-04 22:34) - Turritopsis Dohrnii Teo En Ming

You would have achieved Ultimate success when you have attained biological and physical immortality.

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Early Onset of Osteoarthritis (2019-10-04 22:30) - Turritopsis Dohrnii Teo En Ming

REFERENCES:

[1] [1]https://lkml.org/lkml/2019/10/4/390

[2] [2]http://lkml.iu.edu/hypermail/linux/kernel/1910.0/05342.html

[3] [3]http://lists.linuxfromscratch.org/pipermail/lfs-chat/2019-Oc tober/029042.html

[4] [4]https://lists.freebsd.org/pipermail/freebsd-chat/2019-October/ 007367.html

1. https://lkml.org/lkml/2019/10/4/390
2. http://lkml.iu.edu/hypermail/linux/kernel/1910.0/05342.html
3. http://lists.linuxfromscratch.org/pipermail/lfs-chat/2019-October/029042.html
4. https://lists.freebsd.org/pipermail/freebsd-chat/2019-October/007367.html

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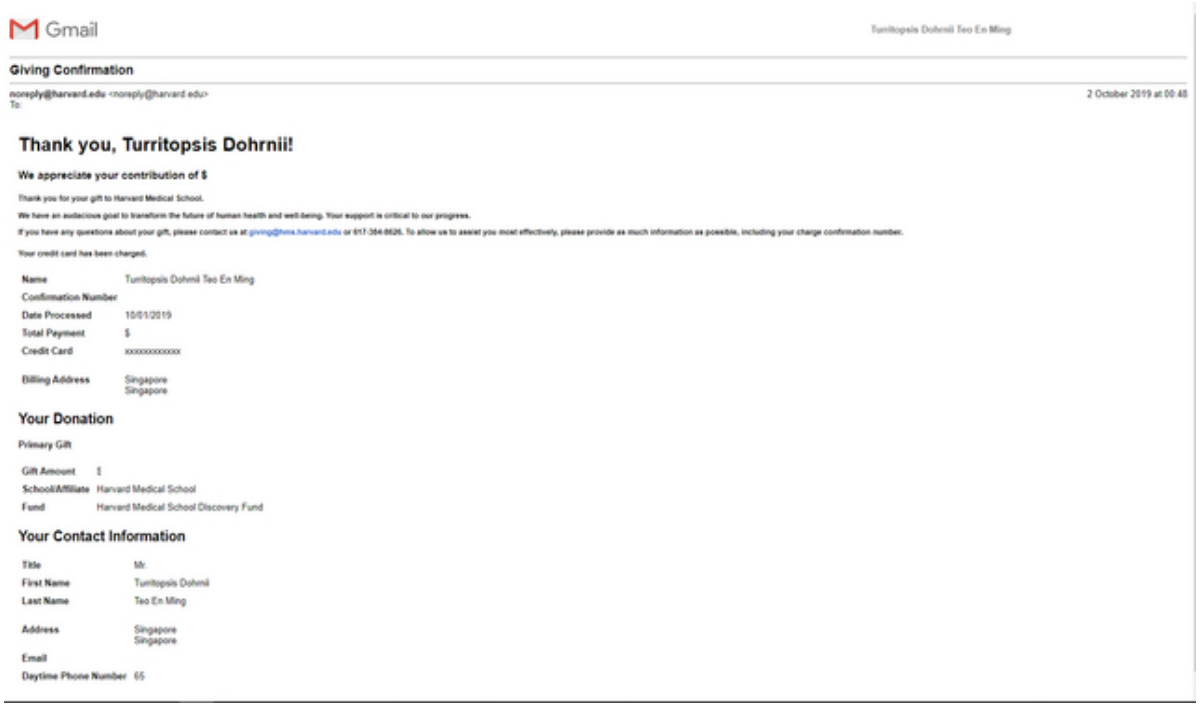
Teo En Ming's Exercise Records for September 2019 (2019-10-02 20:03) - Turritopsis Dohrnii Teo En Ming

Donation to Harvard University Medical School (2019-10-02 19:58) - Turritopsis Dohrnii Teo En Ming



Gmail Turritopsis Dohrnii Teo En Ming

Giving Confirmation

noreply@harvard.edu <noreply@harvard.edu> 2 October 2019 at 00:48
To:

Thank you, Turritopsis Dohrnii!

We appreciate your contribution of $

Thank you for your gift to Harvard Medical School.

We have an audacious goal to transform the future of human health and well-being. Your support is critical to our progress.

If you have any questions about your gift, please contact us at giving@hms.harvard.edu or 617-384-8626. To allow us to assist you most effectively, please provide as much information as possible, including your charge confirmation number.

Your credit card has been charged.

Name	Turritopsis Dohrnii Teo En Ming
Confirmation Number	
Date Processed	10/01/2019
Total Payment	$
Credit Card	xxxxxxxxxxxx
Billing Address	Singapore Singapore

Your Donation

Primary Gift

Gift Amount	$
School/Affiliate	Harvard Medical School
Fund	Harvard Medical School Discovery Fund

Your Contact Information

Title	Mr.
First Name	Turritopsis Dohrnii
Last Name	Teo En Ming
Address	Singapore Singapore
Email	
Daytime Phone Number	65

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Memo from Orthopaedic Surgeon at Singapore General Hospital for Early Onset of Osteoarthritis (2019-10-02 13:07) - Turritopsis Dohrnii Teo En Ming

Mr. Turritopsis Dohrnii Teo En Ming is presently 41 years old as at 2nd Oct 2019.

Singapore General Hospital
SingHealth

2 October 2019

Dear Sir/Madam

TURRITOPSIS DOHRNII TEO EN, MING -ZHANG ENMING ,

To Whom It May Concern,

This gent has early osteoarthritis.

He cannot stand for long hours, can walk 15km in 1 day, have difficulty climbing steps.

Thank you.

Dr Chia Zi Yang
MBBS, MRCSEd, MMed (Ortho), FRCS (Ortho)
Associate Consultant Orthopaedic Surgeon
Department of Orthopaedic Surgery
Singapore General Hospital
MCR 14877F

Page: 1 of 1

3008-18-080-C

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More 4K video rendering speeds with my brand new SGD$230 Galax GeForce GTX1650 4 GB GDDR5 video card (2019-10-01 17:58) - Turritopsis Dohrnii Teo En Ming

More 4K video rendering speeds with my brand new SGD $230 Galax GeForce GTX1650 4 GB GDDR5 video card with hardware encoder:

[1] 2 hours 31 mins of 4K video took 2 hours 50 mins to render

[2] 2 hours 26 mins of 4K video took 2 hours 44 mins to render

[3] 2 hours 27 mins of 4K video took 3 hours 24 mins to render

[4] 2 hours 48 mins of 4K video took 3 hours 15 mins to render

[5] 1 hour 40 mins of 4K video took 4 hours to render (anomaly)

[6] 1 hour 53 mins of 4K video took 2 hours 7 mins to render

[7] 1 hour 37 mins of 4K video took 1 hour 48 mins to render

[8] 1 hour 46 mins of 4K video took 2 hours 3 mins to render

[9] Forgot to record details

[10] Forgot to record details

Previously, for the past many many many years, 2 hours of 4K video took MORE THAN 10 hours to render with my old, ultra cheapo Sapphire AMD Radeon HD 6450 video card in my 5th generation Intel Core i7-5820K home desktop computer. Since the year 2015 or perhaps even much earlier, it used to take me a very very very long time to upload combined and rendered videos to YouTube after recording them. Because of my poor finances I couldn't afford to upgrade to a 10th generation Intel Core processor computer system or buy a far more expensive gaming video card (typically costing SGD $1000 or more), even though I am a good university graduate from the National University of Singapore (NUS) with a Diploma in Computer Networking from Singapore Polytechnic.

With effect from 29 September 2019 Sunday, this lingering problem has been resolved with my brand new SGD $230 Galax GeForce GTX1650 4 GB GDDR5 video card with hardware encoder.

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==========

[1] [1]https://lkml.org/lkml/2019/10/1/200

[2] [2]http://lists.linuxfromscratch.org/pipermail/lfs-chat/2019-Octo ber/029040.html

[3] [3]https://lists.freebsd.org/pipermail/freebsd-chat/2019-October/ 007363.html

1. https://lkml.org/lkml/2019/10/1/200
2. http://lists.linuxfromscratch.org/pipermail/lfs-chat/2019-October/029040.html
3. https://lists.freebsd.org/pipermail/freebsd-chat/2019-October/007363.html

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[YOUTUBE] A Super Giant Mystery Object Punched a Big Hole in Our Galaxy (2019-10-01 12:33) - Turritopsis Dohrnii Teo En Ming

Link: [1]https://www.youtube.com/watch?v=upCFZABXofE

1. `https://www.youtube.com/watch?v=upCFZABXofE`

[30 Sep 2019 Monday] 1.5 hours of gym workout caused my blood glucose to drop to very low levels

(2019-10-01 10:04) - Turritopsis Dohrnii Teo En Ming

On 30 Sep 2019 Monday, I went for 1.5 hours of gym workout again. Before starting my gym workout, my blood glucose reading was 7.3 mmol/L. After 1.5 hours of gym workout, my blood glucose dropped to very low levels, that is, 3.6 mmol/L. My gym instructor asked me to stop, forget about the cool down exercise, go home and take my dinner.

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Final Computer Science/Information Technology/Technical Discussions September 2019 (2019-10-01 09:55) - Turritopsis Dohrnii Teo En Ming

Final Computer Science/Information Technology/Technical Discussions September 2019

[1] [arch-general] Does Arch Linux support containers, dockers and Kubernetes?

Link: [1]https://lists.archlinux.org/pipermail/arch-general/2019-Septembe r/046900.html

[2] [manjaro-general] Does Manjaro Linux support containers, dockers and Kubernetes?

Link: [2]https://lists.manjaro.org/pipermail/manjaro-general/Week-of-Mon- 20190930/000702.html

[3] [opensuse-support] Does openSUSE support containers, dockers and Kubernetes?

Link: [3]https://lists.opensuse.org/opensuse-support/2019-09/msg00157.htm l

[4] [slackware] Does Slackware Linux support containers, dockers and Kubernetes?

Link: [4]https://mailman.lug.org.uk/mailman/private/slackware/2019-Septem ber/004572.html

===Top 30 Linux===

1. https://lists.archlinux.org/pipermail/arch-general/2019-September/046900.html
2. https://lists.manjaro.org/pipermail/manjaro-general/Week-of-Mon-20190930/000702.html
3. https://lists.opensuse.org/opensuse-support/2019-09/msg00157.html
4. https://mailman.lug.org.uk/mailman/private/slackware/2019-September/004572.html

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2.4 September

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My Part Time Job Salary of $672 TRILLION Has Been Credited Into My Bank Account

(2019-09-30 08:38) - Turritopsis Dohrnii Teo En Ming

27 Sep 2019	SAL	Salary SKECHERS SINGAPORE PTE. LTD. PART TIME SALARY 16 TO 31 AUG 2019		S$112.00
27 Sep 2019	SAL	Salary SKECHERS SINGAPORE PTE. LTD. PART TIME SALARY 1 TO 15 SEP 2019		S$560.00

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Photos of My Galax GeForce GTX1650 4 GB GDDR5 Video Card (2019-09-30 08:30) - Turritopsis Dohrnii Teo En Ming

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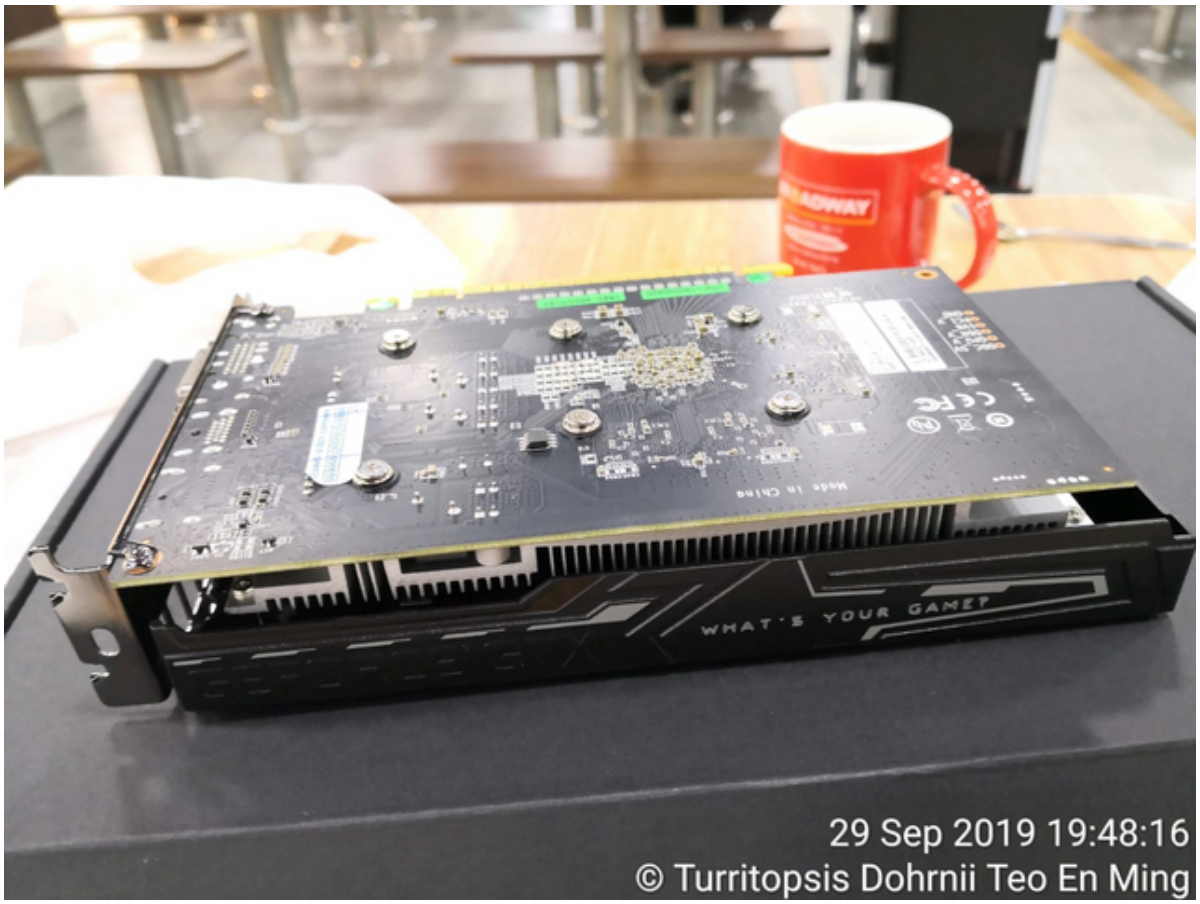
Made in China
DDC_5V
GPU_V
DDR_V
1V8
PCI_V
GND
29 Sep 2019 19:42:40
© Turritopsis Dohrnii Teo En Ming

DP
HDMI
D-VI
29 Sep 2019 19:44:03
© Turritopsis Dohrnii Teo En Ming



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Galax GeForce GTX1650 EX-1 Click OC PCI-E 4 GB GDDR5 128Bit Video Card Improves 4K Video Rendering Speeds by LEAPS AND BOUNDS! (2019-09-30 08:24) - Turritopsis Dohrnii Teo En Ming

Subject: Galax GeForce GTX1650 EX-1 Click OC PCI-E 4 GB GDDR5 128Bit Video Card Improves 4K Video Rendering Speeds by LEAPS AND BOUNDS!

Good day from Singapore,

I have just bought a Galax GeForce GTX1650 EX-1 Click OC PCI-E 4 GB GDDR5 128Bit with/Display Port/HDMI/DVI-D/CoolingFan video card for SGD $230 (after some bargaining) at a 4th story computer shop in Sim Lim Square in Singapore,Singapore on 29th September 2019 Sunday Singapore Time.

Prior to buying the above-mentioned video card, I was using the Sapphire AMD Radeon HD6450 video card. Rendering a 2-hour 4K video with this ultra cheapo video card (GPU acceleration of video processing TURNED OFF) took MORE THAN TEN (10) hours!

The technical specifications of my ancient and primitive home desktop computer are:

[01] 5th Generation Intel Core i7-5820K Extreme Edition Processor with 6 cores and 12 threads @ 3.30 GHz

[02] MSI X99A SLI Krait Edition Motherboard LGA2011-3 Socket with Intel X99 chipset

[03] 32 GB DDR4 Memory (Mixture of 4 sticks of Crucial and Kingston DDR4 memory sticks)

[04] Windows 10 Home Edition version 1803 64-bit

[05] Vegas Movie Studio 15.0 Platinum video rendering software

As of 30th September 2019 Monday Singapore Time, Intel Corporation has already released 10th Generation Intel Core processors. I am truly very sorry that I am not able to afford upgrading from 5th Generation Intel Core processor systems to 10th Generation Intel Core processor systems. Hence I have to make do with buying Galax GeForce GTX1650 EX-1 Click OC PCI-E 4 GB GDDR5 128Bit video card for SGD $230 at the moment.

After removing the Sapphire AMD Radeon HD6450 video card from my home desktop computer, I installed the brand new Galax GeForce GTX1650 EX-1 Click OC PCI-E 4 GB GDDR5 128Bit video card immediately. Upon booting up Windows 10 Home Edition, I quickly turned on GPU Acceleration of Video Processing in Vegas Movie Studio 15.0 Platinum. I would choose all 4K video rendering templates with "NVIDIA NVENC".

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> *From Wikipedia:*

[QUOTE] Nvidia NVENC is a feature in its graphics cards that performs video encoding, offloading this compute-intensive task from the CPU. It was introduced with the Kepler-based GeForce 600 series in March 2012.[1][2]

The encoder is supported in many streaming and recording programs, such as Wirecast, Open Broadcaster Software (OBS) and Bandicam, and also works with Share game capture, which is included in Nvidia's GeForce Experience software.[3][4][5]

Consumer targeted GeForce graphics cards officially support no more than 2 simultaneously encoding video streams, regardless of the count of the cards installed, but this restriction can be circumvented on Linux and Windows systems by applying an unofficial patch to the drivers[6]. Professional cards support between 2 and 21 simultaneous streams per card, depending on card model and compression quality.[1] [/QUOTE]

And WOW! Rendering a 2 hour 19 minute 4K Ultra HD video (taken with my Samsung NX500 4K camera) with Galax GeForce GTX1650 EX-1 Click OC PCI-E 4 GB GDDR5 128Bit video card took only 3 hours and 30 minutes!!! This is a vast and tremendous improvement from the past of taking MORE THAN 10 hours to render a 2-hour 4K video without any GPU Acceleration of video processing!

What do you think would happen if I am able to afford upgrading to a 10th Generation Intel Core home desktop computer?

Greetings from Singapore!

REFERENCES:

[1] [1]http://lkml.iu.edu/hypermail/linux/kernel/1909.3/04148.h tml

[2] [2]http://lists.linuxfromscratch.org/pipermail/lfs-chat/2019-Sept ember/029039.html

[3] [3]https://lists.freebsd.org/pipermail/freebsd-chat/2019-Septembe r/007361.html

===SPACE COMMAND===

1. `http://lkml.iu.edu/hypermail/linux/kernel/1909.3/04148.html`
2. `http://lists.linuxfromscratch.org/pipermail/lfs-chat/2019-September/029039.html`
3. `https://lists.freebsd.org/pipermail/freebsd-chat/2019-September/007361.html`

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More Computer Science/Information Technology/Technical Discussions September 2019

(2019-09-30 08:17) - Turritopsis Dohrnii Teo En Ming

[1] [CentOS] CentOS 8.0 1905 is now available for download

Link: [1]https://lists.centos.org/pipermail/centos/2019-September/173484. html

[2] [Snort-users] pfSense Community Edition Firewall 2.4.4-p3 with Snort Intrusion Prevention System (IPS)

Link: [2]https://lists.snort.org/pipermail/snort-users/2019-September/072 819.html

[3] What is the percentage of market share for servers based on Debian Linux?

Link: [3]https://lists.debian.org/debian-user/2019/09/msg00964.html

1. https://lists.centos.org/pipermail/centos/2019-September/173484.html
2. https://lists.snort.org/pipermail/snort-users/2019-September/072819.html
3. https://lists.debian.org/debian-user/2019/09/msg00964.html

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[25 Sep 2019 Wed] 1.5 hours of gym workout caused my blood glucose to drop (2019-09-27 12:06) - Turritopsis Dohrnii Teo En Ming

On 25 Sep 2019 Wed, I had 1.5 hours of gym workout from 3.30 PM to 5.00 PM Singapore Time. My blood glucose dropped from 8.8 mmol/L to 5.9 mmol/L. Blood glucose readings were taken immediately before and after the gym workout.

This shows the importance of exercise.

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Started Eu Yan Sang Joint Max Plus on 22 Sep 2019 Sunday (2019-09-24 19:27) - Turritopsis Dohrnii Teo En Ming

Started Eu Yan Sang Joint Max Plus on 22 Sep 2019 Sunday

Computer Science/Information Technology/Technical Discussions September 2019 (2019-09-21 14:39) - Turritopsis Dohrnii Teo En Ming

[1] MIT's Computer Science and Artificial Intelligence Laboratory (CSAIL) Recommends the Use of Ubuntu Linux

Link: [1]https://lists.ubuntu.com/archives/ubuntu-users/2019-September/29 8247.html

[2] Please recommend a super fast video editing software for Fedora 31 Linux

Link: [2]https://lists.fedoraproject.org/archives/list/users@lists.fedora projec-t.org/thread/ONNNVMIQFDUTYGJOXY3JBN66M7X5YBSW/?sort=date

[3] [CentOS] CentOS 8 will be released on 24 Sep 2019

Link: [3]https://lists.centos.org/pipermail/centos/2019-September/173445. html

1. https://lists.ubuntu.com/archives/ubuntu-users/2019-September/298247.html
2. https://lists.fedoraproject.org/archives/list/users@lists.fedoraproject.org/thread/ONNNVMIQFDUTYGJOXY3JBN66M7X5YBSW/?sort=date
3. https://lists.centos.org/pipermail/centos/2019-September/173445.html

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My Attempts in Setting World Records at Guinness World Records Have Been Rejected

(2019-09-16 22:57) - Turritopsis Dohrnii Teo En Ming

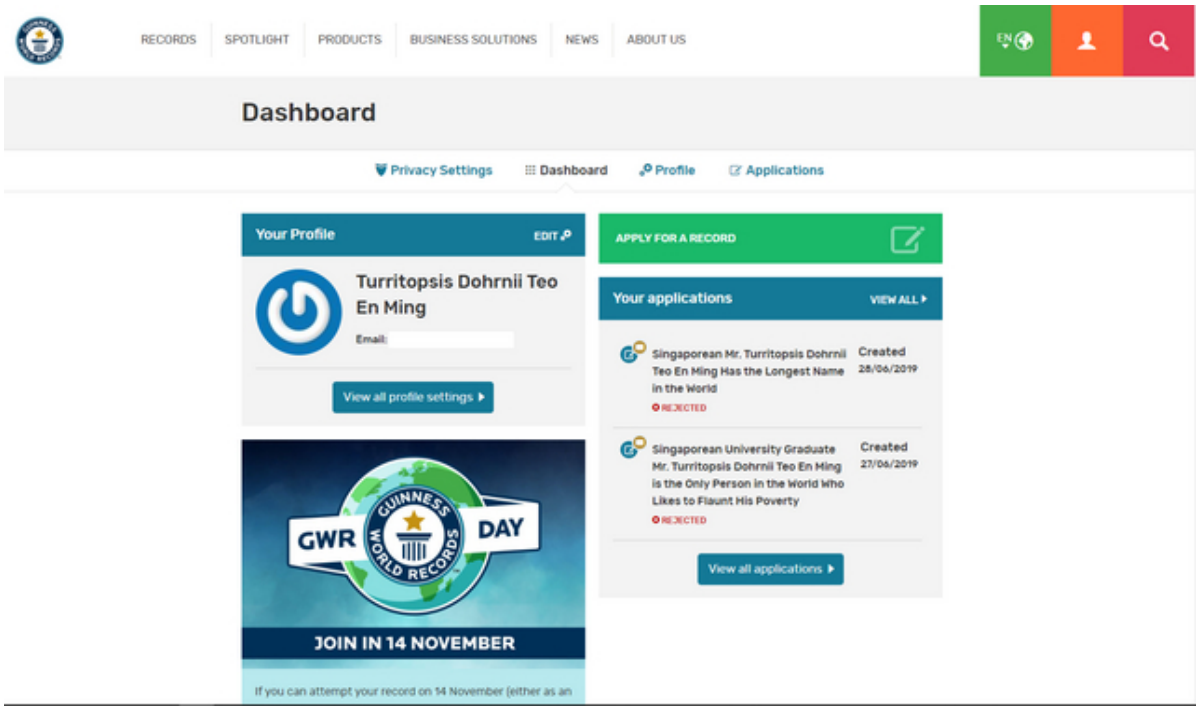
My attempts in setting world records at Guinness World Records have been rejected.

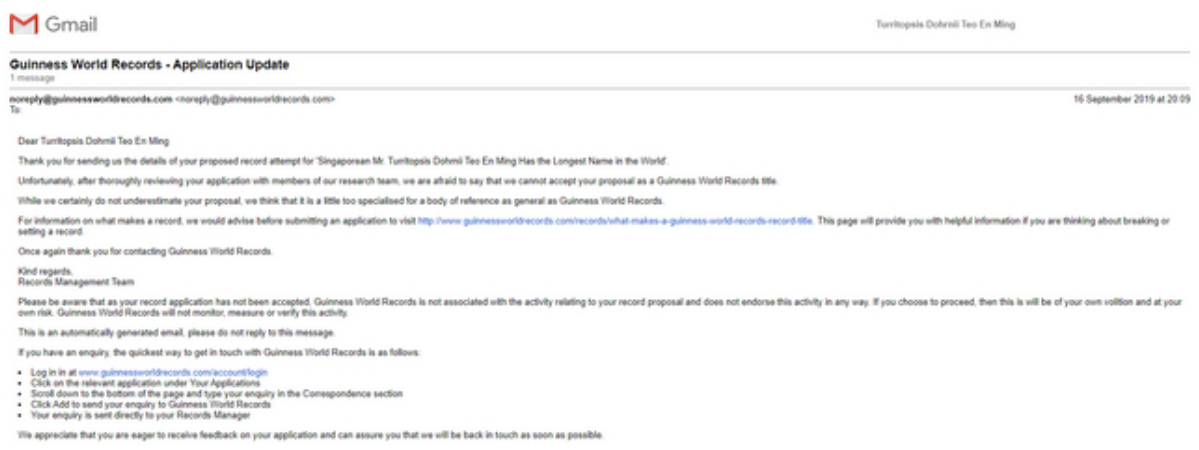
These are the two world records I have been attempting:

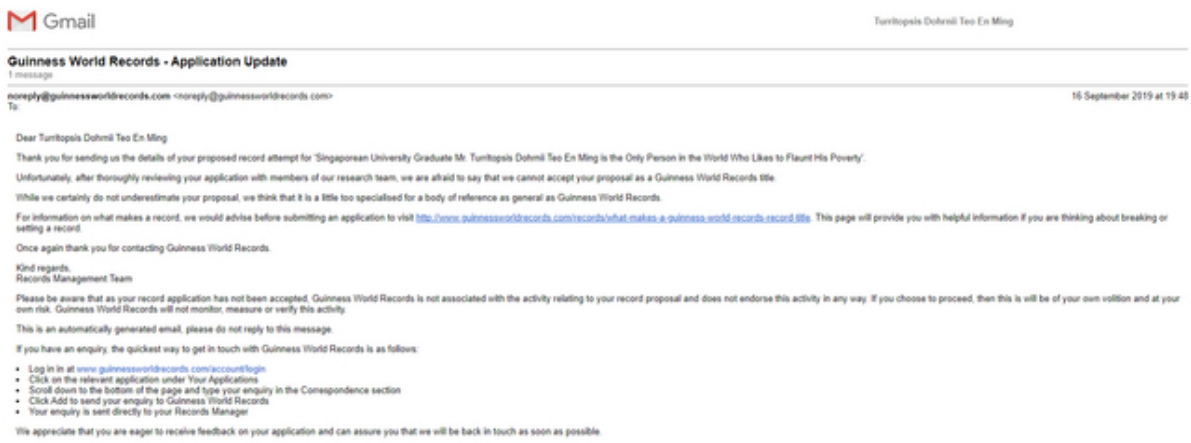
[1] Singaporean Mr. Turritopsis Dohrnii Teo En Ming Has the Longest Name in the World

[2] Singaporean University Graduate Mr. Turritopsis Dohrnii Teo En Ming is the Only Person in the World Who Likes to Flaunt His Poverty

Please refer to the following three screenshots below.







Gmail Turritopsis Dohrnii Teo En Ming

Guinness World Records - Application Update
1 message

noreply@guinnessworldrecords.com <noreply@guinnessworldrecords.com> 16 September 2019 at 19:48
To:

Dear Turritopsis Dohrnii Teo En Ming

Thank you for sending us the details of your proposed record attempt for 'Singaporean University Graduate Mr. Turritopsis Dohrnii Teo En Ming is the Only Person in the World Who Likes to Flaunt His Poverty'.

Unfortunately, after thoroughly reviewing your application with members of our research team, we are afraid to say that we cannot accept your proposal as a Guinness World Records title.

While we certainly do not underestimate your proposal, we think that it is a little too specialised for a body of reference as general as Guinness World Records.

For information on what makes a record, we would advise before submitting an application to visit http://www.guinnessworldrecords.com/records/what-makes-a-guinness-world-records-record-title. This page will provide you with helpful information if you are thinking about breaking or setting a record.

Once again thank you for contacting Guinness World Records.

Kind regards,
Records Management Team

Please be aware that as your record application has not been accepted, Guinness World Records is not associated with the activity relating to your record proposal and does not endorse this activity in any way. If you choose to proceed, then this is will be of your own volition and at your own risk. Guinness World Records will not monitor, measure or verify this activity.

This is an automatically generated email, please do not reply to this message.

If you have an enquiry, the quickest way to get in touch with Guinness World Records is as follows:

- Log in in at www.guinnessworldrecords.com/account/login
- Click on the relevant application under Your Applications
- Scroll down to the bottom of the page and type your enquiry in the Correspondence section
- Click Add to send your enquiry to Guinness World Records
- Your enquiry is sent directly to your Records Manager

We appreciate that you are eager to receive feedback on your application and can assure you that we will be back in touch as soon as possible.

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Windows Server 2016/2019 Evaluation: How to extend the Trial Period (2019-09-16 20:47) - Turritopsis Dohrnii Teo En Ming

Source: [1]https://sid-500.com/2017/08/08/windows-server-2016-evaluation-ho w-to-extend-the-trial-period/

1. https://sid-500.com/2017/08/08/windows-server-2016-evaluation-how-to-extend-the-trial-period/

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[Chinese TV Drama Serials] My Girlfriend is an Alien, Episode 1, Starring: Hsu Thassapak, Wan Peng, Ashin Shu (2019-09-15 10:52) - Turritopsis Dohrnii Teo En Ming

YouTube: [1]https://www.youtube.com/watch?v=04u6w1n3a7o

1. https://www.youtube.com/watch?v=04u6w1n3a7o

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[TODAY ONLINE] IT and digital tech fresh graduates snapped up by employers, command highest median salary (2019-09-15 10:46) - Turritopsis Dohrnii Teo En Ming

Source: [1]https://www.todayonline.com/singapore/it-and-digital-tech-fres h-graduates-snapped-employers-command-highest-median-salary

1. https://www.todayonline.com/singapore/it-and-digital-tech-fresh-graduates-snapped-employers-command-highest-median-salary

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More Links for Singapore Citizen Mr. Teo En Ming's Refugee Seeking Attempts, in the Search of a Substantially Better Life (2019-09-14 13:09) - Turritopsis Dohrnii Teo En Ming

More Links for Singapore Citizen Mr. Teo En Ming's Refugee Seeking Attempts, in the Search of a Substantially Better Life

In reverse chronological order:

[1] Petition to the Government of Taiwan for Refugee Status, 5th August 2019 Monday

Photo #1: At the building of the National Immigration Agency, Ministry of the Interior, Taipei, Taiwan, 5th August 2019

Photo #2: Queue ticket no. 515 at the National Immigration Agency, Ministry of the Interior, Taipei, Taiwan, 5th August 2019

Photo #3: Submission of documents/petition to the National Immigration Agency, Ministry of the Interior, Taipei, Taiwan, 5th August 2019

Photos #4 and #5: Acknowledgement of Receipt (no. 03142) for the submission of documents/petition from the National Immigration Agency, Ministry of the Interior, Taipei, Taiwan, 5th August 2019, 10:00 AM

References:

(a) Petition to the Government of Taiwan for Refugee Status, 5th August 2019 Monday (Blogger blog)

Link: https://tdtemcerts.blogspot.sg/2019/08/petition-to-government-of-taiwan-for.h tml

(b) Petition to the Government of Taiwan for Refugee Status, 5th August 2019 Monday (Wordpress blog)

Link: https://tdtemcerts.wordpress.com/2019/08/23/petition-to-the-government-of-tai wan-for-refugee-status/

[2] Application for Refugee Status at the United Nations Refugee Agency, Bangkok, Thailand, 21st March 2017 Tuesday

References:

(a) [YOUTUBE] Vlog: The Road to Application for Refugee Status at the United Nations High Commissioner for Refugees, Bangkok

Link: https://www.youtube.com/watch?v=utpuAa1eUNI

YouTube video Published on March 22nd, 2017

Views as at 13th September 2019: 603

YouTube Channel: Turritopsis Dohrnii Teo En Ming
Subscribers as at 13th September 2019: 2.85K
Link: https://www.youtube.com/channel/UC _ _F2hzlqNEEGx-IXxQi3hA

REFERENCES:

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[28] [1]https://lists.cs.princeton.edu/mailman/private/sdn/2019-September/0009 79.html

[29] [2]https://www.redhat.com/archives/rhelv6-list/2019-September/msg00000.html

[30] [3]https://lists.isc.org/pipermail/bind-users/2019-September/102151.html

[31] [4]http://mail-archives.apache.org/mod _mbox/httpd-users/201909.mbox/ %3CCA %2B5xKD5vtx2PTRPn0tgUC2HK1 %3DR3aEaFUQuEZk1tvEWUeSs6pQ %40mail.gmail.com %3E

[32] [5]https://lists.launchpad.net/maria-discuss/msg05600.html

[33] [6]https://marc.info/?l=php-general &m=156839152715684 &w=2

[34] [7]https://lists.freebsd.org/pipermail/freebsd-amd64/2019-September/01936 5.html

===SPACE COMMAND===

1. https://lists.cs.princeton.edu/mailman/private/sdn/2019-September/000979.html
2. https://www.redhat.com/archives/rhelv6-list/2019-September/msg00000.html
3. https://lists.isc.org/pipermail/bind-users/2019-September/102151.html
4. http://mail-archives.apache.org/mod_mbox/httpd-users/201909.mbox/%3CCA%2B5xKD5vtx2PTRPn0tgUC2HK1%3DR3aEaFUQuEZk1tvEWUeSs6pQ%40mail.gmail.com%3E
5. https://lists.launchpad.net/maria-discuss/msg05600.html
6. https://marc.info/?l=php-general&m=156839152715684&w=2
7. https://lists.freebsd.org/pipermail/freebsd-amd64/2019-September/019365.html

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[The New York Times] Suspicious Minds: Mingling with wariness and wonder at a conference devoted to “Ancient Aliens.” (2019-09-12 22:55) - Turritopsis Dohrnii Teo En Ming

[The New York Times] Suspicious Minds: Mingling with wariness and wonder at a conference devoted to “Ancient Aliens.”

Source: [1]https://www.nytimes.com/2018/07/21/style/ancient-aliens.html

1. https://www.nytimes.com/2018/07/21/style/ancient-aliens.html

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[Business Insider] Exercise makes you happier than money, according to Yale and Oxford research

(2019-09-12 22:18) - Turritopsis Dohrnii Teo En Ming

[Business Insider] Exercise makes you happier than money, according to Yale and Oxford research

Source: [1]https://www.businessinsider.com/exercise-makes-you-happier-tha n-money-says-yale-and-oxford-study-2019-4?IR=T

1. https://www.businessinsider.com/exercise-makes-you-happier-than-money-says-yale-and-oxford-study-2019-4?IR=T

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[Business Insider Singapore] Italy’s abandoned villages plan to save themselves from ruin by selling homes for $1 or less (2019-09-12 22:06) - Turritopsis Dohrnii Teo En Ming

[Business Insider Singapore] Italy’s abandoned villages plan to save themselves from ruin by selling homes for $1 or less

Source: [1]https://www.businessinsider.sg/italian-villages-selling-dollar -homes-2019-2/

1. `https://www.businessinsider.sg/italian-villages-selling-dollar-homes-2019-2/`

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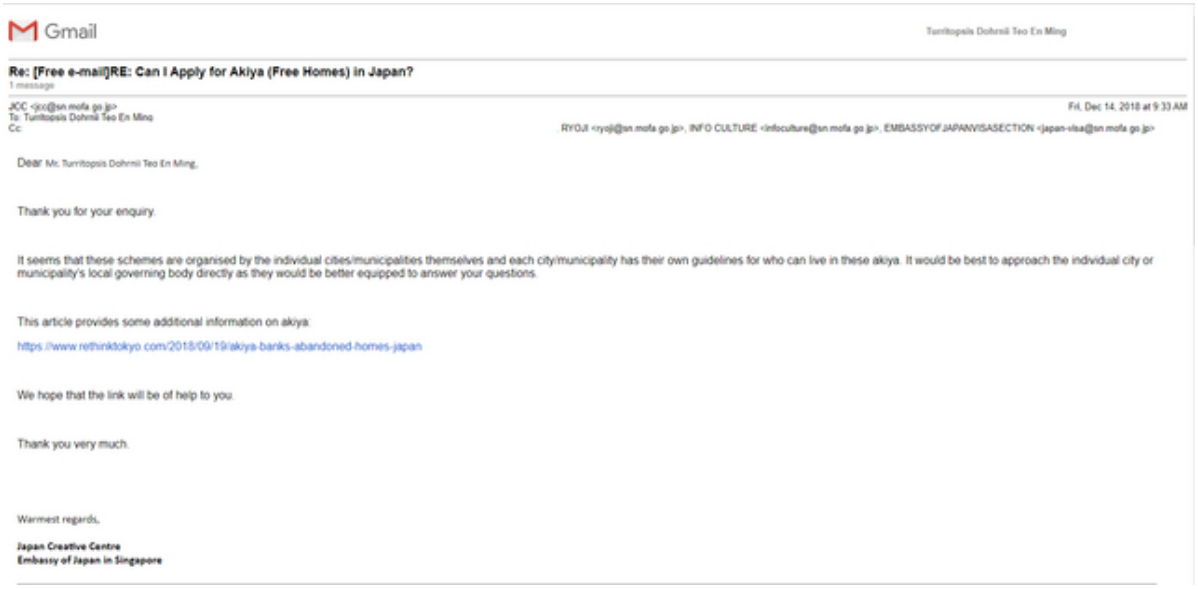
Special Appeal to the Office of the Prime Minister of Japan For Me to Own An Akiya (Free Abandoned Homes) in Japan (2019-09-12 09:50) - Turritopsis Dohrnii Teo En Ming

Special Appeal to the Office of the Prime Minister of Japan For Me to Own An Akiya (Free Abandoned Homes) in Japan

Below is the reply from Japan Creative Center, Embassy of Japan in Singapore, Ministry of Foreign Affairs, Government of Japan (mofa.go.jp).



Gmail — Turritopsis Dohrnii Teo En Ming

Re: [Free e-mail]RE: Can I Apply for Akiya (Free Homes) in Japan?

1 message

JCC <jcc@sn.mofa.go.jp> — Fri, Dec 14, 2018 at 9:33 AM
To: Turritopsis Dohrnii Teo En Ming
Cc: RYOJI <ryoji@sn.mofa.go.jp>, INFO CULTURE <infoculture@sn.mofa.go.jp>, EMBASSYOFJAPANVISASECTION <japan-visa@sn.mofa.go.jp>

Dear Mr. Turritopsis Dohrnii Teo En Ming,

Thank you for your enquiry.

It seems that these schemes are organised by the individual cities/municipalities themselves and each city/municipality has their own guidelines for who can live in these akiya. It would be best to approach the individual city or municipality's local governing body directly as they would be better equipped to answer your questions.

This article provides some additional information on akiya:

https://www.rethinktokyo.com/2018/09/19/akiya-banks-abandoned-homes-japan

We hope that the link will be of help to you.

Thank you very much.

Warmest regards,

Japan Creative Centre
Embassy of Japan in Singapore

From: Turritopsis Dohrnii Teo En Ming
Sent: Thursday, 13 December 2018 9:07 PM
To: RYOJI; EMBASSYOFJAPANVISASECTION; JCC; INFO CULTURE
Cc:
Subject: [Free e-mail]RE: Can I Apply for Akiya (Free Homes) in Japan?

このメールはフリーメールを利用して送信されています。送信元及び内容を十分に確認して下さい。
This mail is sent from a free e-mail address. Please carefully check the sender's address and contents.

Resend. Thank you!

Yours Sincerely,

Mr. Turritopsis Dohrnii Teo En Ming

Singapore Citizen

Bachelor of Engineering (2nd Class Lower Honors) in Mechanical Engineering from National University of Singapore (Graduated 2007)

Diploma (Conversion) in Computer Networking from Singapore Polytechnic (Graduated 2017)

Diploma in Mechatronics Engineering with Merit from Singapore Polytechnic (Graduated 1998)

Mobile Phone: +65-

Email:

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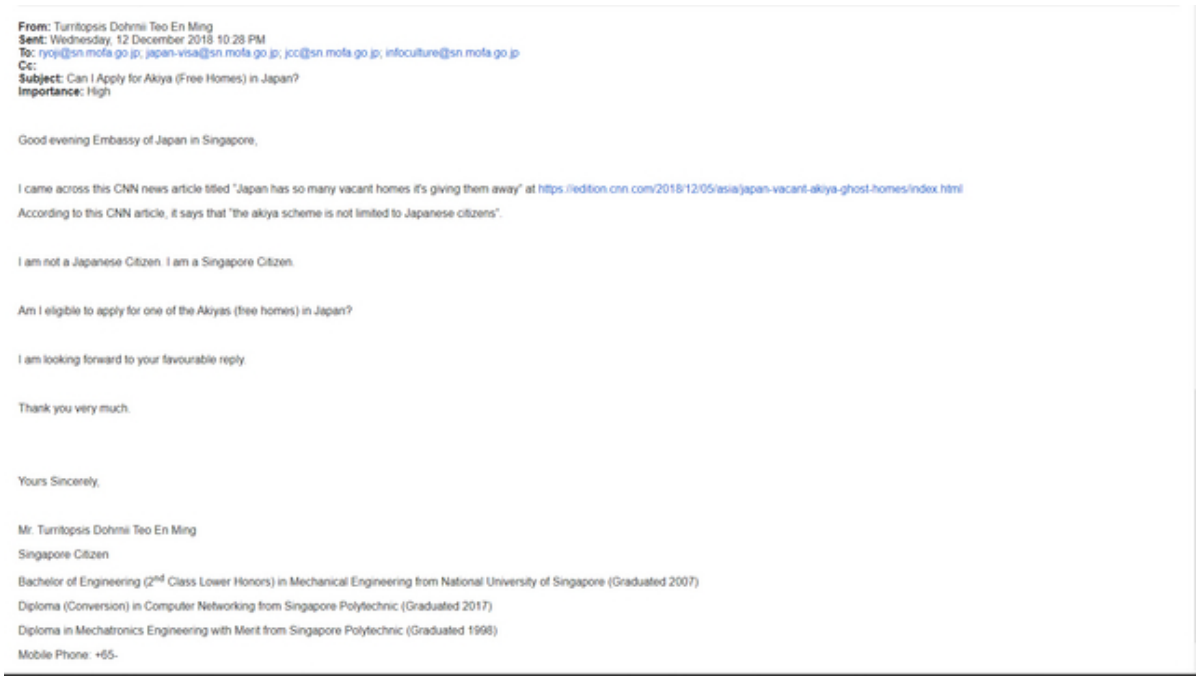

From: Turritopsis Dohrnii Teo En Ming
Sent: Wednesday, 12 December 2018 10:28 PM
To: ryoji@sn.mofa.go.jp; japan-visa@sn.mofa.go.jp; jcc@sn.mofa.go.jp; infoculture@sn.mofa.go.jp
Cc:
Subject: Can I Apply for Akiya (Free Homes) in Japan?
Importance: High

Good evening Embassy of Japan in Singapore,

I came across this CNN news article titled "Japan has so many vacant homes it's giving them away" at https://edition.cnn.com/2018/12/05/asia/japan-vacant-akiya-ghost-homes/index.html

According to this CNN article, it says that "the akiya scheme is not limited to Japanese citizens".

I am not a Japanese Citizen. I am a Singapore Citizen.

Am I eligible to apply for one of the Akiyas (free homes) in Japan?

I am looking forward to your favourable reply.

Thank you very much.

Yours Sincerely,

Mr. Turritopsis Dohrnii Teo En Ming
Singapore Citizen
Bachelor of Engineering (2nd Class Lower Honors) in Mechanical Engineering from National University of Singapore (Graduated 2007)
Diploma (Conversion) in Computer Networking from Singapore Polytechnic (Graduated 2017)
Diploma in Mechatronics Engineering with Merit from Singapore Polytechnic (Graduated 1998)
Mobile Phone: +65-

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[MustShareNews] Swee Heng Bakery Offers A '$1,360/Hr' Job, Of Course It Was Too Good To Be True (2019-09-12 09:12) - Turritopsis Dohrnii Teo En Ming

Source: [1]https://mustsharenews.com/swee-heng-typo/

1. https://mustsharenews.com/swee-heng-typo/

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Microsoft Corporation Bills Teo En Ming Corporation (Office 365 for Business) (2019-09-11 22:55) - Turritopsis Dohrnii Teo En Ming

Microsoft Corporation Bills Teo En Ming Corporation (Office 365 for Business)

Invoice date 27 Apr 2019

Microsoft

Tax Invoice

April 2019
Invoice Date: 27/04/2019
Invoice Number:
Due Date: 27/05/2019

16.05 USD

Sold-To	Bill-To	Service Usage Address
Teo En Ming Corporation	Teo En Ming Corporation	Teo En Ming Corporation
Singapore Singapore Singapore	Singapore Singapore Singapore	Singapore Singapore Singapore

Order Details		Billing Summary	
Product:	Online Services	Charges:	15.00
Customer PO Number:		Discounts:	0.00
Order Number:		Credits:	0.00
Billing Period:	26/04/2019 - 26/04/2019	GST:	1.05
Payment Terms:	Net 30	**Total:**	**16.05**
Due Date:	27/05/2019		

Payment Instructions: Please DO NOT PAY. You will be charged the amount due through your selected method of payment.

Support

This invoice does not include prior unpaid balances. To view total order balance and prior invoices visit the Admin Center and click Billing>Bills.

Need help? https://aka.ms/Office365Billing
Phone: 1 800 622 1856

Tax information: The following information is provided soleley for tax purposes.

Total Charges (excluding GST)	20.35 SGD
Total GST	1.42 SGD
Total charges (including GST)	21.77 SGD

Microsoft Regional Sales Pte Ltd, 438B Alexandra Road #04-09/12 Block B, Alexandra Technopark Singapore 119968 Rep. of Singapore
GST Reg. No. M90002326N

Page 1 of 2

Invoice date 10 Jun 2019

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Microsoft

Tax Invoice

June 2019
Invoice Date: 10/06/2019
Invoice Number:
Due Date: 10/07/2019

16.05 USD

Sold-To
Teo En Ming Corporation

Singapore
Singapore
Singapore

Bill-To
Teo En Ming Corporation

Singapore
Singapore
Singapore

Service Usage Address
Teo En Ming Corporation

Singapore
Singapore
Singapore

Order Details		Billing Summary	
Product:	Online Services	Charges:	15.00
Customer PO Number:		Discounts:	0.00
Order Number:		Credits:	0.00
Billing Period:	27/04/2019 - 09/06/2019	GST:	1.05
Payment Terms:	Net 30	**Total:**	**16.05**
Due Date:	10/07/2019		

Payment Instructions: Please DO NOT PAY. You will be charged the amount due through your selected method of payment.

Support

This invoice does not include prior unpaid balances. To view total order balance and prior invoices visit the Admin Center and click Billing>Bills.

Need help? https://aka.ms/Office365Billing
Phone: 1 800 622 1856

Tax information: The following information is provided soleley for tax purposes.

Total Charges (excluding GST)	20.73 SGD
Total GST	1.45 SGD
Total charges (including GST)	22.18 SGD

Microsoft Regional Sales Pte Ltd, 438B Alexandra Road #04-09/12 Block B, Alexandra Technopark Singapore 119968 Rep. of Singapore
GST Reg. No. M90002526N

Page 1 of 2

Invoice date 10 Jul 2019

Microsoft

Tax Invoice

July 2019
Invoice Date: 10/07/2019
Invoice Number:
Due Date: 09/08/2019

16.05 USD

Sold-To
Teo En Ming Corporation

Singapore
Singapore
Singapore

Bill-To
Teo En Ming Corporation

Singapore
Singapore
Singapore

Service Usage Address
Teo En Ming Corporation

Singapore
Singapore
Singapore

Order Details		Billing Summary	
Product:	Online Services	Charges:	15.00
Customer PO Number:		Discounts:	0.00
Order Number:		Credits:	0.00
Billing Period:	10/06/2019 - 09/07/2019	GST:	1.05
Payment Terms:	Net 30	**Total:**	**16.05**
Due Date:	09/08/2019		

Payment Instructions: Please DO NOT PAY. You will be charged the amount due through your selected method of payment.

Support

This invoice does not include prior unpaid balances. To view total order balance and prior invoices visit the Admin Center and click Billing>Bills.

Need help? https://aka.ms/Office365Billing
Phone: 1 800 622 1856

Tax information: The following information is provided soleley for tax purposes.

Total Charges (excluding GST)	20.30 SGD
Total GST	1.42 SGD
Total charges (including GST)	21.72 SGD

Microsoft Regional Sales Pte Ltd, 438B Alexandra Road #04-09/12 Block B, Alexandra Technopark Singapore 119968 Rep. of Singapore
GST Reg. No. M90002526N

Page 1 of 2

Invoice date 10 Aug 2019

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Microsoft

Tax Invoice

August 2019
Invoice Date: 10/08/2019
Invoice Number:
Due Date: 09/09/2019

16.05 USD

Sold-To
Teo En Ming Corporation

Singapore
Singapore
Singapore

Bill-To
Teo En Ming Corporation

Singapore
Singapore
Singapore

Service Usage Address
Teo En Ming Corporation

Singapore
Singapore
Singapore

Order Details		Billing Summary	
Product:	Online Services	Charges:	15.00
Customer PO Number:		Discounts:	0.00
Order Number:		Credits:	0.00
Billing Period:	10/07/2019 - 09/08/2019	GST:	1.05
Payment Terms:	Net 30	**Total:**	**16.05**
Due Date:	09/09/2019		

Payment Instructions: Please DO NOT PAY. You will be charged the amount due through your selected method of payment.

Support

This invoice does not include prior unpaid balances. To view total order balance and prior invoices visit the Admin Center and click Billing>Bills.

Need help? https://aka.ms/Office365Billing
Phone: 1 800 622 1856

Tax information: The following information is provided soleley for tax purposes.

Total Charges (excluding GST)	20.58 SGD
Total GST	1.44 SGD
Total charges (including GST)	22.02 SGD

Microsoft Regional Sales Pte Ltd, 438B Alexandra Road #04-09/12 Block B, Alexandra Technopark Singapore 119968 Rep. of Singapore
GST Reg. No. M90002526N

Page 1 of 2

Invoice date 10 Sep 2019

Microsoft

Tax Invoice

September 2019
Invoice Date: 10/09/2019
Invoice Number:
Due Date: 10/10/2019

16.05 USD

Sold-To
Teo En Ming Corporation

Singapore
Singapore
Singapore

Bill-To
Teo En Ming Corporation

Singapore
Singapore
Singapore

Service Usage Address
Teo En Ming Corporation

Singapore
Singapore
Singapore

Order Details		Billing Summary	
Product:	Online Services	Charges:	15.00
Customer PO Number:		Discounts:	0.00
Order Number:		Credits:	0.00
Billing Period:	10/08/2019 - 09/09/2019	GST:	1.05
Payment Terms:	Net 30	**Total:**	**16.05**
Due Date:	10/10/2019		

Payment Instructions: Please DO NOT PAY. You will be charged the amount due through your selected method of payment.

Support

This invoice does not include prior unpaid balances. To view total order balance and prior invoices visit the Admin Center and click Billing>Bills.

Need help? https://aka.ms/Office365Billing
Phone: 1 800 622 1856

Tax information: The following information is provided soleley for tax purposes.

Total Charges (excluding GST)	20.82 SGD
Total GST	1.46 SGD
Total charges (including GST)	22.28 SGD

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Who is Dr. Katherine Horton? (2019-09-10 22:26) - Turritopsis Dohrnii Teo En Ming

Dr. Katherine Horton is a high energy physicist who was a Research Fellow at St John's College, Oxford University, United Kingdom of Great Britain and Northern Ireland. This is her brief biography.

YOUTUBE VIDEO: [1]https://www.youtube.com/watch?v=o1rLEAjACz8

1. https://www.youtube.com/watch?v=o1rLEAjACz8

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Edward Snowden (Wikipedia) (2019-09-10 22:20) - Turritopsis Dohrnii Teo En Ming

[1]https://en.wikipedia.org/wiki/Edward _Snowden

1. https://en.wikipedia.org/wiki/Edward_Snowden

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Posting at Red Hat Enterprise Linux (RHEL) forums (2019-09-10 22:18) - Turritopsis Dohrnii Teo En Ming

[1]https://www.redhat.com/archives/rhelv6-list/2019-September/msg00000.html

1. https://www.redhat.com/archives/rhelv6-list/2019-September/msg00000.html

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Posting at VeraCrypt (French encryption software) forums (2019-09-10 22:15) - Turritopsis Dohrnii Teo En Ming

[1]https://sourceforge.net/p/veracrypt/discussion/general/thread/fa67f1d1 1e/

1. https://sourceforge.net/p/veracrypt/discussion/general/thread/fa67f1d11e/

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Motivational Quote of the Day (2019-09-09 21:15) - Turritopsis Dohrnii Teo En Ming

Zhang Sanfeng to Zhang Wuji:

Chinese TV Drama: The Heaven Sword and Dragon Saber 2019 Episode 50

YOUTUBE: [1]https://youtu.be/b6HBL0- _pwE?list=PL0BxHZd30EBa38pGZNi0m-C6LTHlgOn0 _ &t=1687

1. https://youtu.be/b6HBL0-_pwE?list=PL0BxHZd30EBa38pGZNi0m-C6LTHlgOn0_&t=1687

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Educational Certificates 4 Sep 2019 (2019-09-09 21:06) - Turritopsis Dohrnii Teo En Ming

Educational Certificates 4 Sep 2019

[1] Google Drive 1

Primary Certs: [1]https://drive.google.com/open?id=1Vlmbangffi2C8KaA0O6GwruFYd4xUY0W

Secondary Certs: [2]https://drive.google.com/open?id=1EU9ImGNsCxypb-b6PqZ6-pLmi8Q6iKP-

[2] Google Drive 2

Primary Certs: [3]https://drive.google.com/open?id=1w9 _wsKZhmIEnKG _z1im9m9u5mGVBmjQ0

Secondary Certs: [4]https://drive.google.com/open?id=1PzY3ynwc8jPw _13mBTLAGD23d0Qzq7x4

[3] Google Drive 3

Primary Certs: [5]https://drive.google.com/open?id=1X7NObQ3d-xqKogHNsmoGAkrF7rFdeLTx

Secondary Certs: [6]https://drive.google.com/open?id=1 _kwqaquAIPHBwL4IhnR-OzJxa1gKsQhW

[4] Google Drive 4

Primary Certs: [7]https://drive.google.com/open?id=1T4IezNF2KOEgYu5QO _QVcTXas5bf4Gr1

Secondary Certs: [8]https://drive.google.com/open?id=1y6u3PahxQ99ApkT5mXE6L52yerQ-YCXY

1. https://drive.google.com/open?id=1Vlmbangffi2C8KaAOO6GwruFYd4xUY0W
2. https://drive.google.com/open?id=1EU9ImGNsCxypb-b6PqZ6-pLmi8Q6iKP-
3. https://drive.google.com/open?id=1w9_wsKZhmIEnKG_z1im9m9u5mGVBmjQO
4. https://drive.google.com/open?id=1PzY3ynwc8jPw_13mBTLAGD23d0Qzq7x4
5. https://drive.google.com/open?id=1X7NObQ3d-xqKogHNsmoGAkrF7rFdeLTx
6. https://drive.google.com/open?id=1_kwqaquAIPHBwL4IhnR-OzJxa1gKsQhW
7. https://drive.google.com/open?id=1T4IezNF2KOEgYu5QO_QVcTXas5bf4Gr1
8. https://drive.google.com/open?id=1y6u3PahxQ99ApkT5mXE6L52yerQ-YCXY

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Omega-3 is very good at lowering triglycerides; Lecithin alone is ineffective at lowering cholesterol

(2019-09-09 20:28) - Turritopsis Dohrnii Teo En Ming

Teo En Ming's Lab Test Results

Lipid Panel Table

3rd July 2019 31st July 2019 9th Sept 2019 Trend Cholesterol 7.27 5.52 6.72 Decrease, Increase Triglycerides 3.31 1.68 1.55 Decrease, Decrease HDL 1.15 1.16 1.13 Increase, Decrease LDL 4.63 3.59 4.89 Decrease, Increase Chol:HDL Ratio 6.32 4.74 5.95 Decrease, Increase

Omega-3 fish oil with DHA and EPA is very good at lowering triglycerides. Above table of lab test results (lipid panel) confirmed this.

Taking Lecithin alone is ineffective at reducing LDL (bad cholesterol).

When I took Eu Yan Sang High Strength CholesFREE Red Yeast Rice together with Lecithin, LDL (bad cholesterol) dropped from 4.63 to 3.59.

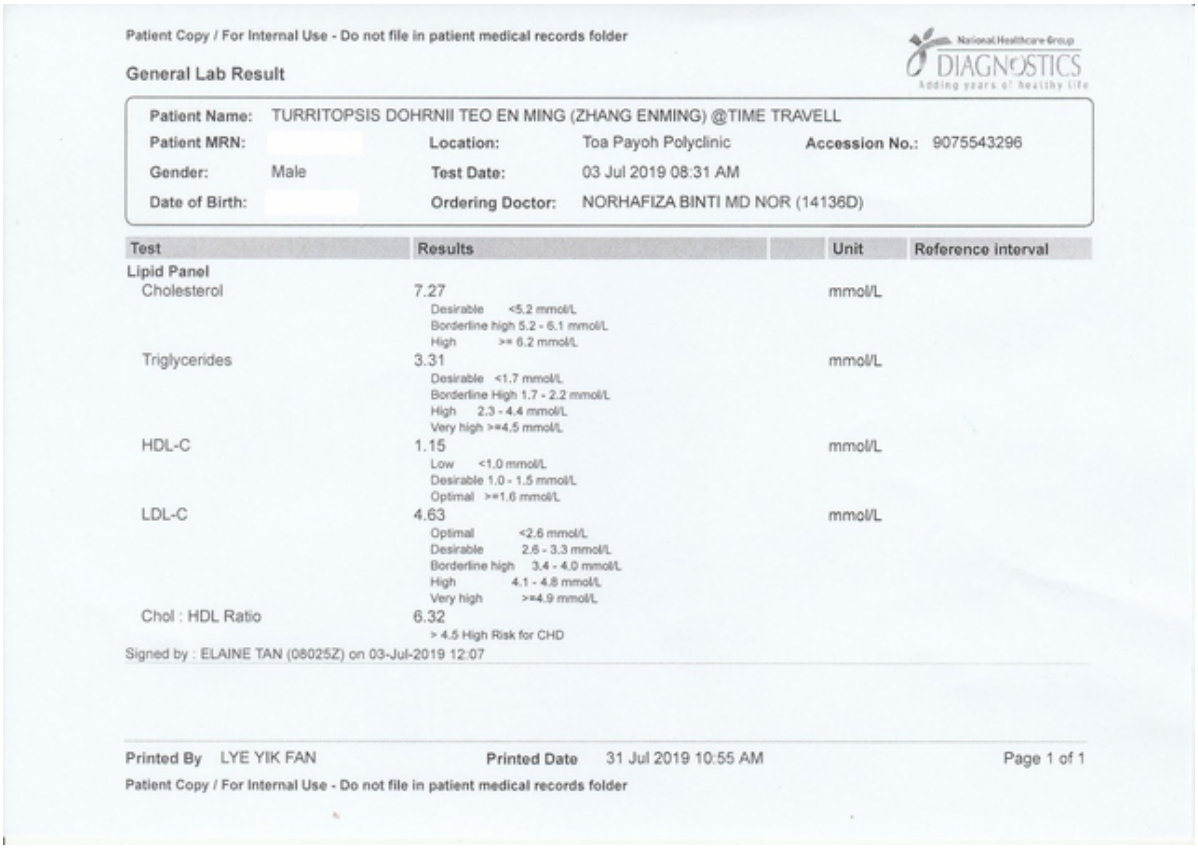
After finishing one box of Eu Yan Sang High Strength CholesFREE Red Yeast Rice with 60 capsules, I stopped taking it and relied on Lecithin alone. But LDL increased from 3.59 to 4.89. This shows that I need to restart taking Eu Yan Sang High Strength CholesFREE Red Yeast Rice with effect from 9th September 2019 to effectively reduce LDL (bad cholesterol).

Omega-3 fish oil is very good at reducing triglycerides.

<QUOTE> Lecithin supplements have also shown promise in lowering cholesterol. In a [1]2008 study , participants took 500 milligrams (mg) of soy lecithin a day. After 2 months, the average total cholesterol was reduced by 42 percent, and LDL cholesterol was reduced by 56.15 percent.</QUOTE>

Source: [2]https://www.medicalnewstoday.com/articles/319260.php

Lipid Panel 3rd July 2019



Patient Copy / For Internal Use - Do not file in patient medical records folder

General Lab Result

National Healthcare Group DIAGNOSTICS Adding years of healthy life

Patient Name:	TURRITOPSIS DOHRNII TEO EN MING (ZHANG ENMING) @TIME TRAVELL		
Patient MRN:		Location:	Toa Payoh Polyclinic
Gender:	Male	Test Date:	03 Jul 2019 08:31 AM
Date of Birth:		Ordering Doctor:	NORHAFIZA BINTI MD NOR (14136D)

Accession No.: 9075543296

Test	Results	Unit	Reference interval
Lipid Panel			
Cholesterol	7.27 Desirable <5.2 mmol/L Borderline high 5.2 - 6.1 mmol/L High >= 6.2 mmol/L	mmol/L	
Triglycerides	3.31 Desirable <1.7 mmol/L Borderline High 1.7 - 2.2 mmol/L High 2.3 - 4.4 mmol/L Very high >=4.5 mmol/L	mmol/L	
HDL-C	1.15 Low <1.0 mmol/L Desirable 1.0 - 1.5 mmol/L Optimal >=1.6 mmol/L	mmol/L	
LDL-C	4.63 Optimal <2.6 mmol/L Desirable 2.6 - 3.3 mmol/L Borderline high 3.4 - 4.0 mmol/L High 4.1 - 4.8 mmol/L Very high >=4.9 mmol/L	mmol/L	
Chol : HDL Ratio	6.32 > 4.5 High Risk for CHD		

Signed by : ELAINE TAN (08025Z) on 03-Jul-2019 12:07

Printed By LYE YIK FAN Printed Date 31 Jul 2019 10:55 AM Page 1 of 1

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Lipid Panel 31st July 2019

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General Lab Result

DIAGNOSTICS

Patient Name:	TURRITOPSIS DOHRNII TEO EN MING (ZHANG ENMING) @TIME TRAVELL				
Patient MRN:		Location:	Toa Payoh Polyclinic	Accession No.:	9075626895
Gender:	Male	Test Date:	31 Jul 2019 09:18 AM		
Date of Birth:		Ordering Doctor:	NG WEI LIANG DAVID (11751Z)		

Test	Results		Unit	Reference interval
Glucose, Fasting, pl	Status: CANCELLED			
Signed by : LYE YIK FAN (62435G) on 31-Jul-2019 10:54				
HbA1c	5.9 Ideal 4.5 - 6.4 Optimal 6.5 - 7.0 Sub-optimal 7.1 - 8.0 Unacceptable >8.0	N	%	4.5 - 6.4
Signed by : LYE YIK FAN (62435G) on 31-Jul-2019 10:54				
Glucose, Fasting, pl	5.9	N	mmol/L	3.0 - 6.0
Signed by : LYE YIK FAN (62435G) on 31-Jul-2019 10:54				
Lipid Panel				
Cholesterol	5.52 Desirable <5.2 mmol/L Borderline high 5.2 - 6.1 mmol/L High >= 6.2 mmol/L		mmol/L	
Triglycerides	1.68 Desirable <1.7 mmol/L Borderline High 1.7 - 2.2 mmol/L High 2.3 - 4.4 mmol/L Very high >=4.5 mmol/L		mmol/L	
HDL-C	1.16 Low <1.0 mmol/L Desirable 1.0 - 1.5 mmol/L Optimal >=1.6 mmol/L		mmol/L	

Printed By LYE YIK FAN Printed Date 31 Jul 2019 10:54 AM Page 1 of 2

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General Lab Result

DIAGNOSTICS

Patient Name:	TURRITOPSIS DOHRNII TEO EN MING (ZHANG ENMING) @TIME TRAVELL				
Patient MRN:		Location:	Toa Payoh Polyclinic	Accession No.:	9075626895
Gender:	Male	Test Date:	31 Jul 2019 09:18 AM		
Date of Birth:		Ordering Doctor:	NG WEI LIANG DAVID (11751Z)		

Test	Results		Unit	Reference interval
LDL-C	3.59 Optimal <2.6 mmol/L Desirable 2.6 - 3.3 mmol/L Borderline high 3.4 - 4.0 mmol/L High 4.1 - 4.8 mmol/L Very high >=4.9 mmol/L		mmol/L	
Chol : HDL Ratio	4.74 > 4.5 High Risk for CHD			
Signed by : LYE YIK FAN (62435G) on 31-Jul-2019 10:54				

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Lipid Panel 9 Sept 2019

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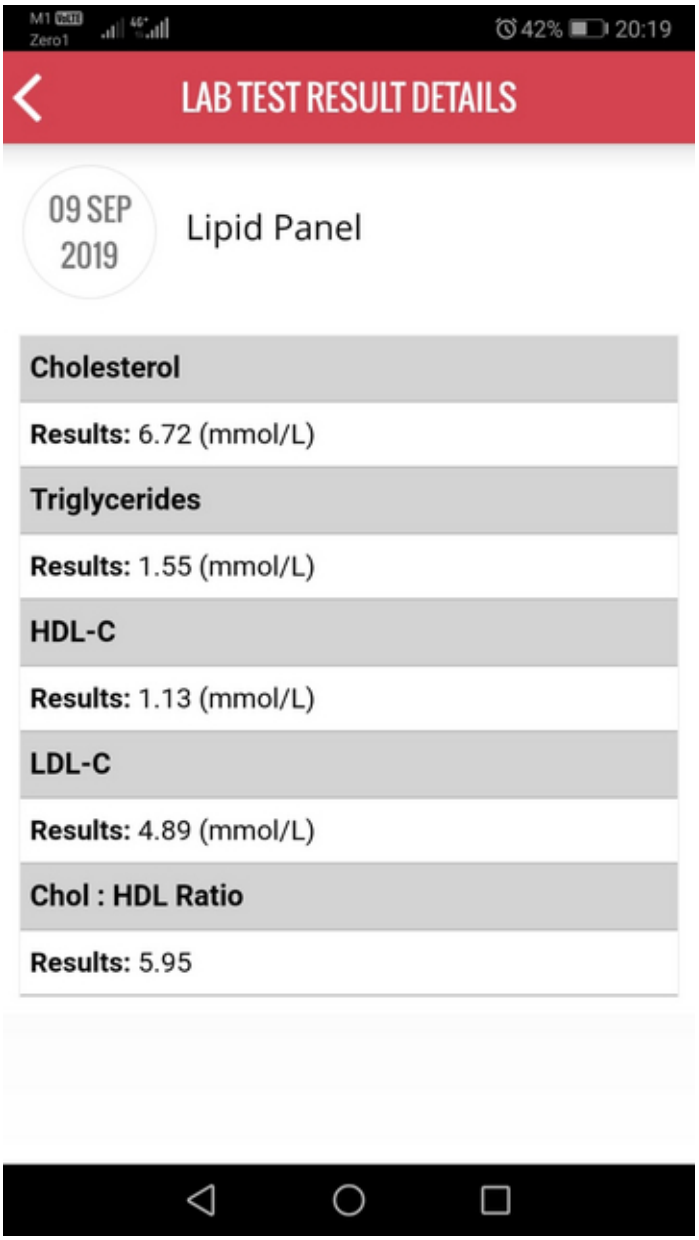

Eu Yan Sang High Strength CholesFREE Red Yeast Rice with Natto

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1. https://www.hindawi.com/journals/cholesterol/2010/824813/
2. https://www.medicalnewstoday.com/articles/319260.php

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PGP Public Keys at Massachusetts Institute of Technology (MIT), Cambridge, Massachusetts, USA

(2019-09-09 19:50) - Turritopsis Dohrnii Teo En Ming

[1]http://pgp.mit.edu/pks/lookup?search=teo+en+ming &op=index

1. http://pgp.mit.edu/pks/lookup?search=teo+en+ming&op=index

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Posting at Indiana University, USA (2019-09-07 09:58) - Turritopsis Dohrnii Teo En Ming

[1]http://lkml.iu.edu/hypermail/linux/kernel/1908.3/06489.html

1. http://lkml.iu.edu/hypermail/linux/kernel/1908.3/06489.html

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Posting at Columbia University, New York City, USA (2019-09-07 09:56) - Turritopsis Dohrnii Teo En Ming

[1]https://lists.cs.columbia.edu/pipermail/kvmarm/2019-September/037083.h tml

1. `https://lists.cs.columbia.edu/pipermail/kvmarm/2019-September/037083.html`

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Posting at Princeton University, New Jersey, USA (Software Defined Networking) (2019-09-07 09:52) - Turritopsis Dohrnii Teo En Ming

[1]https://lists.cs.princeton.edu/mailman/private/sdn/2019-September/0009 79.html

1. https://lists.cs.princeton.edu/mailman/private/sdn/2019-September/000979.html

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Highly Recommended Daily Health Supplements (2019-09-03 09:26) - Turritopsis Dohrnii Teo En Ming

Highly Recommended Daily Health Supplements

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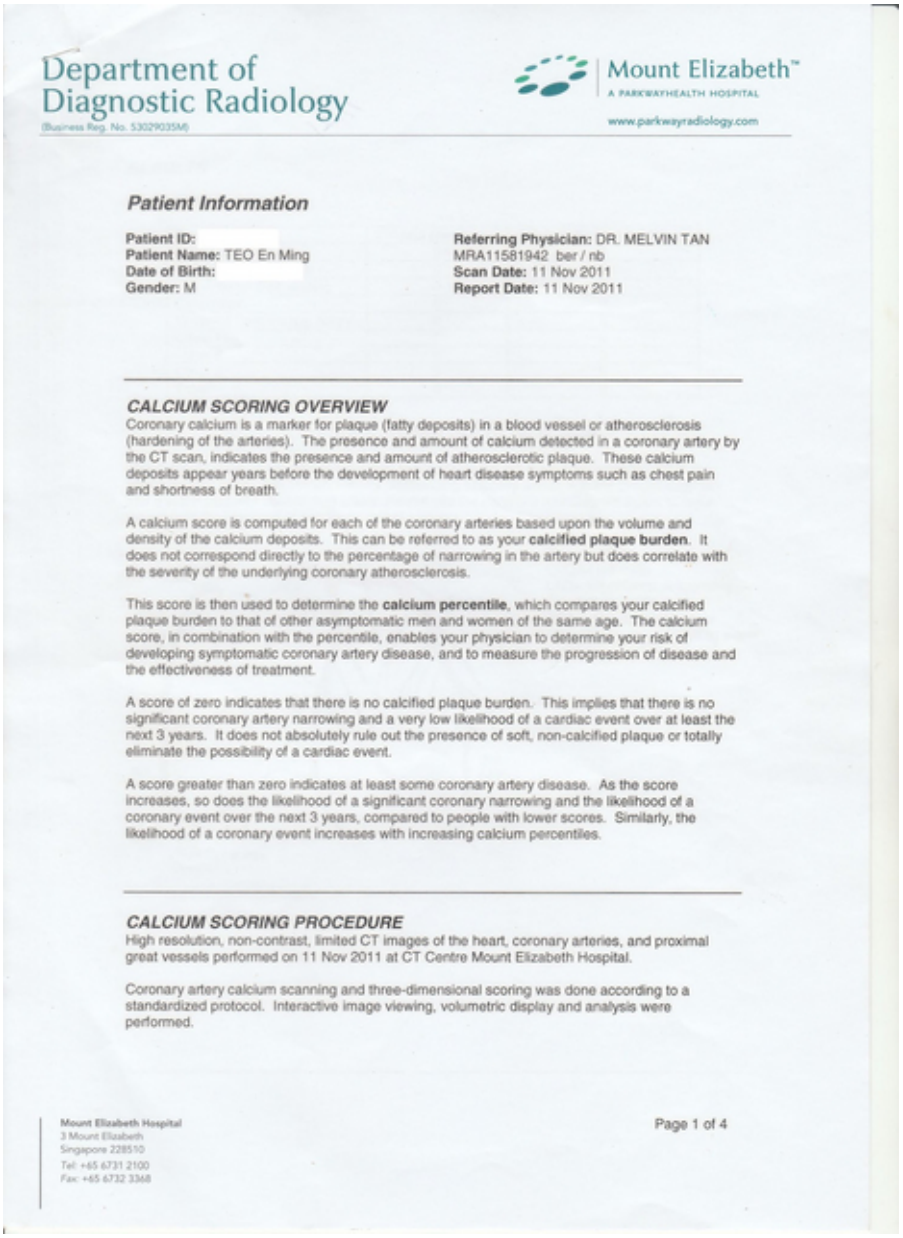
[PERFECT HEALTH] Mount Elizabeth Hospital CT Coronary Calcium Score November 2011 Radiology Report (2019-09-03 09:03) - Turritopsis Dohrnii Teo En Ming

I am in perfect health. Please refer to Mount Elizabeth Hospital CT Coronary Calcium Score November 2011 Radiology Report (total of 4 pages).



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Patient Information

Patient ID:
Patient Name: TEO En Ming
Date of Birth:
Gender: M

Referring Physician: DR. MELVIN TAN
MRA11581942 ber / nb
Scan Date: 11 Nov 2011
Report Date: 11 Nov 2011

CALCIUM SCORING OVERVIEW

Coronary calcium is a marker for plaque (fatty deposits) in a blood vessel or atherosclerosis (hardening of the arteries). The presence and amount of calcium detected in a coronary artery by the CT scan, indicates the presence and amount of atherosclerotic plaque. These calcium deposits appear years before the development of heart disease symptoms such as chest pain and shortness of breath.

A calcium score is computed for each of the coronary arteries based upon the volume and density of the calcium deposits. This can be referred to as your **calcified plaque burden**. It does not correspond directly to the percentage of narrowing in the artery but does correlate with the severity of the underlying coronary atherosclerosis.

This score is then used to determine the **calcium percentile**, which compares your calcified plaque burden to that of other asymptomatic men and women of the same age. The calcium score, in combination with the percentile, enables your physician to determine your risk of developing symptomatic coronary artery disease, and to measure the progression of disease and the effectiveness of treatment.

A score of zero indicates that there is no calcified plaque burden. This implies that there is no significant coronary artery narrowing and a very low likelihood of a cardiac event over at least the next 3 years. It does not absolutely rule out the presence of soft, non-calcified plaque or totally eliminate the possibility of a cardiac event.

A score greater than zero indicates at least some coronary artery disease. As the score increases, so does the likelihood of a significant coronary narrowing and the likelihood of a coronary event over the next 3 years, compared to people with lower scores. Similarly, the likelihood of a coronary event increases with increasing calcium percentiles.

CALCIUM SCORING PROCEDURE

High resolution, non-contrast, limited CT images of the heart, coronary arteries, and proximal great vessels performed on 11 Nov 2011 at CT Centre Mount Elizabeth Hospital.

Coronary artery calcium scanning and three-dimensional scoring was done according to a standardized protocol. Interactive image viewing, volumetric display and analysis were performed.

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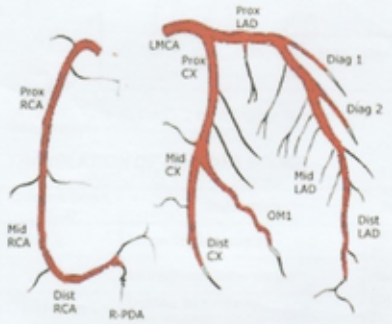
RESULTS

Calcium Plaque Burden:

Region	Volume (mm^3)	Calcium Score (Agatston)
Left Main	0	0
Right Coronary Artery	0	0
Left Anterior Descending	0	0
Circumflex	0	0
Posterior Descending Artery	0	0
Other 1	0	0
Other 2	0	0
Other 3	0	0
Total	0	0

Your Calcium Score is: 0

This is the total amalgamation of a calcium score of 0 in the left main coronary artery, 0 in the right coronary artery, 0 in the left anterior descending coronary artery, 0 in the circumflex artery and 0 in the posterior descending artery. Please use the coronary tree diagram below to better understand the locations of calcified coronary plaque.



Key
LMCA= left main
LAD= left anterior descending
CX= left circumflex
RCA= right coronary artery
PDA= posterior descending artery

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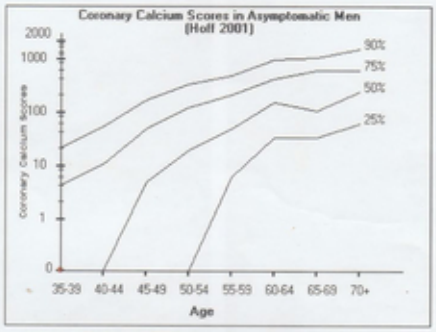
CALCIUM PERCENTILE SCORE

Your total calcium score of 0 is between the 0th and 25th percentile for men between the ages of 35 and 39. This means that 0 percent of people this age and gender had less calcium than was detected in this study. The following graph shows the distribution of total calcium scores for each age group by percentiles. Your calcium score, relative to other age groups, is indicated by the highlighted square in the graph.



(1) Callister TQ et. al., Coronary Artery Calcium Scores on Electron Beam Computed Tomography: JACC 1999. 33 (Supl.): 415A.

TRANSLATION OF CALCIUM SCORE

Calcium Score (2, 3)	Implication	Risk of Coronary Artery Disease
0	No identifiable plaque	Very low, generally less than 5 percent
1 - 10	Minimal identifiable plaque	Very unlikely, less than 10 percent
11 - 100	Definite, at least mild atherosclerotic plaque	Mild or minimal coronary narrowings likely
101 - 400	Definite, at least moderate atherosclerotic plaque	Mild coronary artery disease highly likely, significant narrowings possible
401 or Higher	Extensive atherosclerotic plaque	High likelihood of at least one significant coronary narrowing

(2) Mayo Clinic Proceedings, March 1999, Vol. 74. Findings based on EBCT data.
(3) Carr JJ, et. al., Evaluation of Subsecond Gated Helical CT for Quantification of Coronary Artery Calcium and Comparison with Electron Beam CT.; AJR 2000; 174: 915-921

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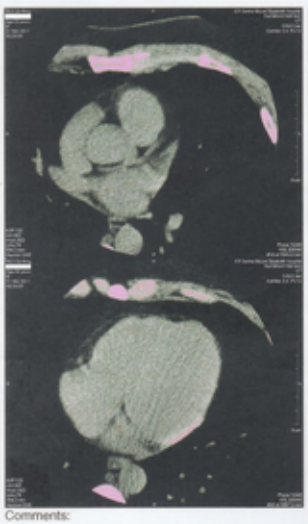

Comments:

Dr. Toh Kok Hong
MBBS, FRCR, FAMS

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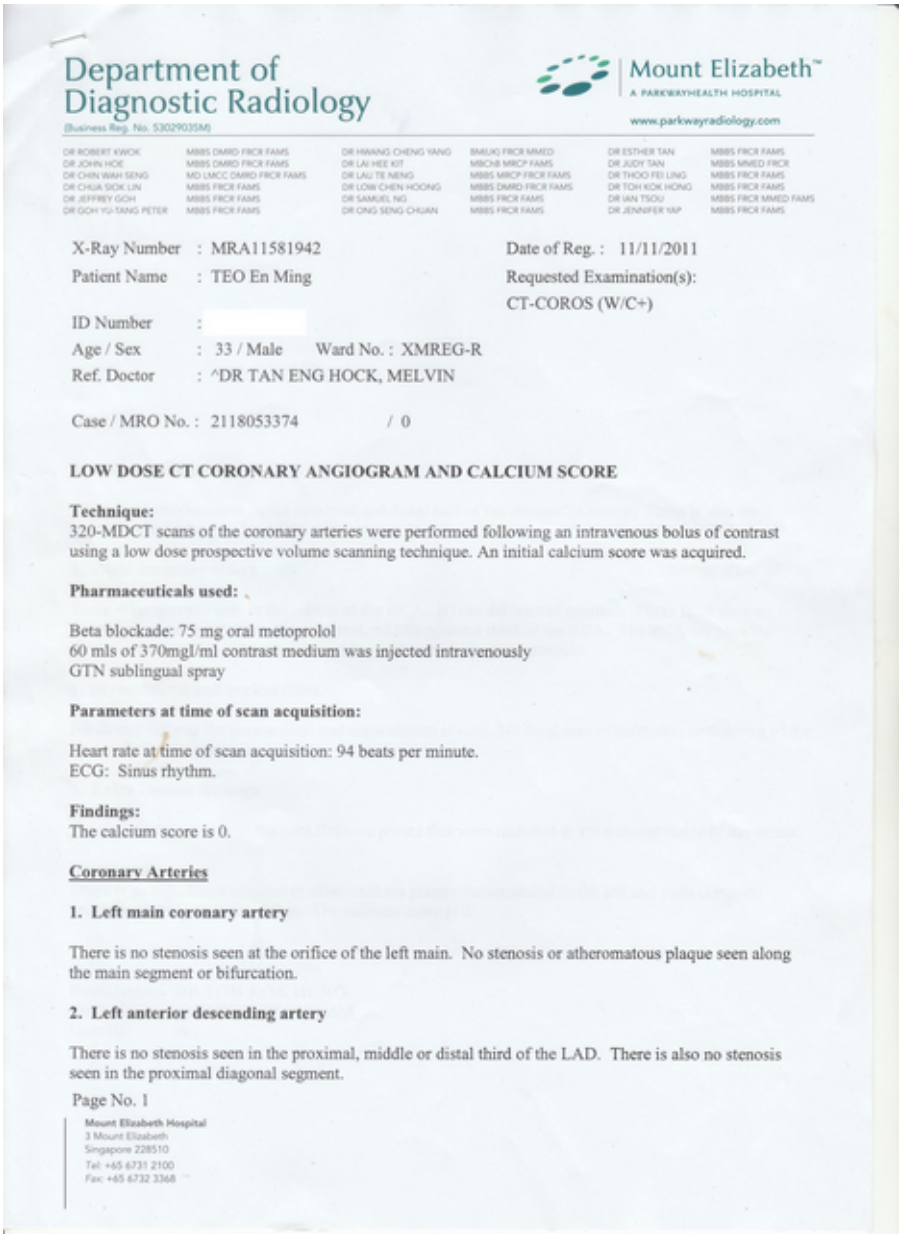
[PERFECT HEALTH] Mount Elizabeth Hospital CT Coronary Angiogram November 2011 Radiology Report (2019-09-03 08:49) - Turritopsis Dohrnii Teo En Ming

I am in perfect health. Please refer to Mount Elizabeth Hospital CT Coronary Angiogram November 2011 Radiology Report (total of three pages).



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DR JOHN HOE MBBS DMRD FRCR FAMS | DR LAI HEE KIT MBChB MRCP FAMS | DR JUDY TAN MBBS MMED FRCR
DR CHIN WAH SENG MD LMCC DMRD FRCR FAMS | DR LAU TE NENG MBBS MRCP FRCR FAMS | DR THOO FEI LING MBBS FRCR FAMS
DR CHUA SIOK LIN MBBS FRCR FAMS | DR LOW CHEN HOONG MBBS DMRD FRCR FAMS | DR TOH KOK HONG MBBS FRCR FAMS
DR JEFFREY GOH MBBS FRCR FAMS | DR SAMUEL NG MBBS FRCR FAMS | DR IAN TSOU MBBS FRCR MMED FAMS
DR GOH YU-TANG PETER MBBS FRCR FAMS | DR ONG SENG CHUAN MBBS FRCR FAMS | DR JENNIFER YAP MBBS FRCR FAMS

X-Ray Number : MRA11581942
Patient Name : TEO En Ming
ID Number :
Age / Sex : 33 / Male Ward No. : XMREG-R
Ref. Doctor : ^DR TAN ENG HOCK, MELVIN

Date of Reg. : 11/11/2011
Requested Examination(s):
CT-COROS (W/C+)

Case / MRO No. : 2118053374 / 0

LOW DOSE CT CORONARY ANGIOGRAM AND CALCIUM SCORE

Technique:
320-MDCT scans of the coronary arteries were performed following an intravenous bolus of contrast using a low dose prospective volume scanning technique. An initial calcium score was acquired.

Pharmaceuticals used:

Beta blockade: 75 mg oral metoprolol
60 mls of 370mgI/ml contrast medium was injected intravenously
GTN sublingual spray

Parameters at time of scan acquisition:

Heart rate at time of scan acquisition: 94 beats per minute.
ECG: Sinus rhythm.

Findings:
The calcium score is 0.

Coronary Arteries

1. Left main coronary artery

There is no stenosis seen at the orifice of the left main. No stenosis or atheromatous plaque seen along the main segment or bifurcation.

2. Left anterior descending artery

There is no stenosis seen in the proximal, middle or distal third of the LAD. There is also no stenosis seen in the proximal diagonal segment.

Page No. 1

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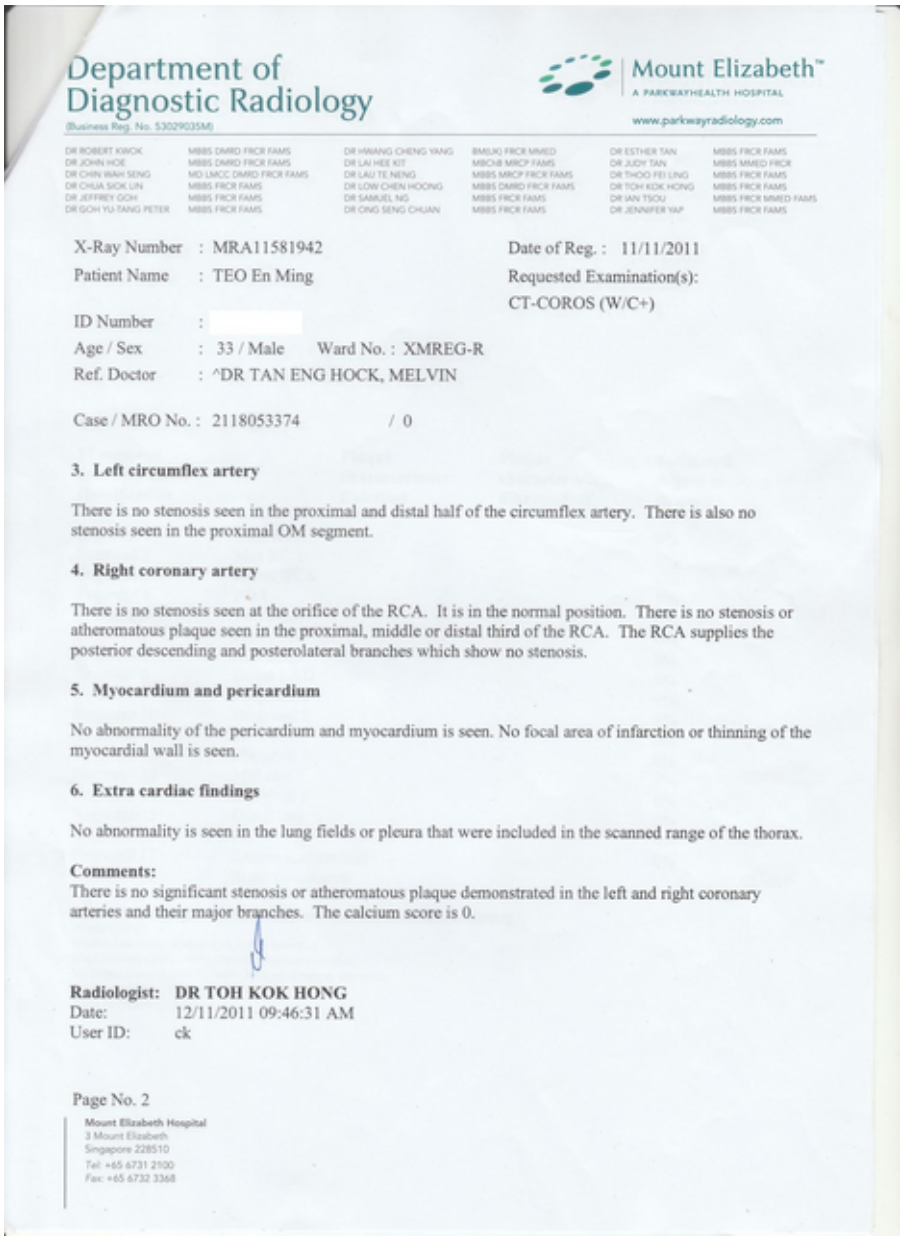

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DR CHUA SOK LIN MBBS FRCR FAMS
DR JEFFREY GOH MBBS FRCR FAMS
DR GOH YU-TANG PETER MBBS FRCR FAMS
DR HWANG CHENG YANG BM(UK) FRCR MMED
DR LAI HEE KIT MBCHB MRCP FAMS
DR LAU TE NENG MBBS MRCP FRCR FAMS
DR LOW CHEN HOONG MBBS DMRD FRCR FAMS
DR SAMUEL NG MBBS FRCR FAMS
DR ONG SENG CHUAN MBBS FRCR FAMS
DR ESTHER TAN MBBS FRCR FAMS
DR JUDY TAN MBBS MMED FRCR
DR THOO FEI LING MBBS FRCR FAMS
DR TOH KOK HONG MBBS FRCR FAMS
DR IAN TSOU MBBS FRCR MMED FAMS
DR JENNIFER YAP MBBS FRCR FAMS

X-Ray Number : MRA11581942
Patient Name : TEO En Ming
ID Number :
Age / Sex : 33 / Male Ward No. : XMREG-R
Ref. Doctor : ^DR TAN ENG HOCK, MELVIN

Date of Reg. : 11/11/2011
Requested Examination(s):
CT-COROS (W/C+)

Case / MRO No. : 2118053374 / 0

3. Left circumflex artery

There is no stenosis seen in the proximal and distal half of the circumflex artery. There is also no stenosis seen in the proximal OM segment.

4. Right coronary artery

There is no stenosis seen at the orifice of the RCA. It is in the normal position. There is no stenosis or atheromatous plaque seen in the proximal, middle or distal third of the RCA. The RCA supplies the posterior descending and posterolateral branches which show no stenosis.

5. Myocardium and pericardium

No abnormality of the pericardium and myocardium is seen. No focal area of infarction or thinning of the myocardial wall is seen.

6. Extra cardiac findings

No abnormality is seen in the lung fields or pleura that were included in the scanned range of the thorax.

Comments:
There is no significant stenosis or atheromatous plaque demonstrated in the left and right coronary arteries and their major branches. The calcium score is 0.

Radiologist: **DR TOH KOK HONG**
Date: 12/11/2011 09:46:31 AM
User ID: ck

Page No. 2

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Singapore 228510
Tel: +65 6731 2100
Fax: +65 6732 3368

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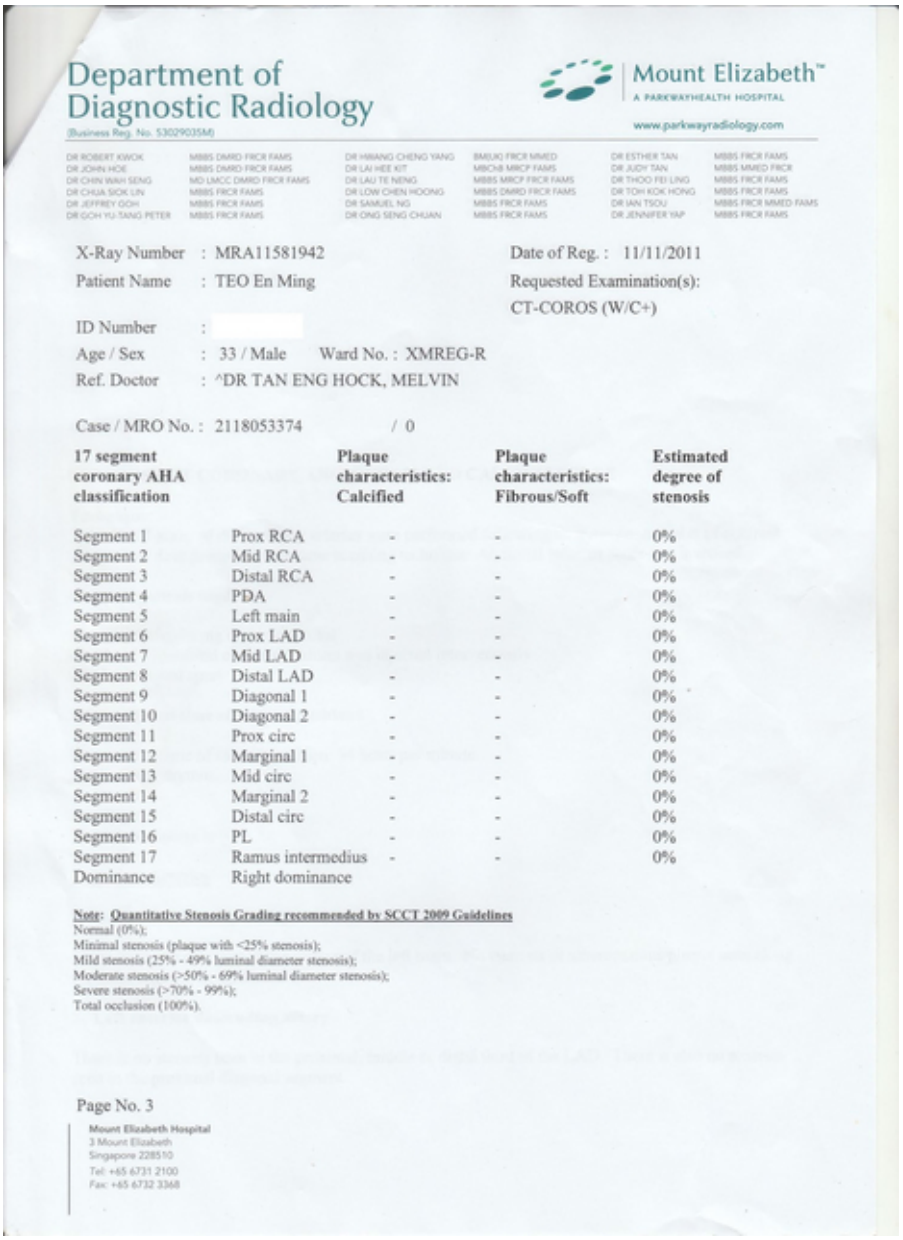

Department of Diagnostic Radiology
(Business Reg. No. 53029035M)

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DR ROBERT KWOK MBBS DMRD FRCR FAMS
DR JOHN HOE MBBS DMRD FRCR FAMS
DR CHIN WAH SENG MD LMCC DMRD FRCR FAMS
DR CHUA SIOK LIN MBBS FRCR FAMS
DR JEFFREY GOH MBBS FRCR FAMS
DR GOH YU-TANG PETER MBBS FRCR FAMS
DR HWANG CHENG YANG BMSUKI FRCR MMED
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X-Ray Number : MRA11581942
Patient Name : TEO En Ming
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Age / Sex : 33 / Male Ward No. : XMREG-R
Ref. Doctor : ^DR TAN ENG HOCK, MELVIN

Date of Reg. : 11/11/2011
Requested Examination(s):
CT-COROS (W/C+)

Case / MRO No. : 2118053374 / 0

17 segment coronary AHA classification		Plaque characteristics: Calcified	Plaque characteristics: Fibrous/Soft	Estimated degree of stenosis
Segment 1	Prox RCA	-	-	0%
Segment 2	Mid RCA	-	-	0%
Segment 3	Distal RCA	-	-	0%
Segment 4	PDA	-	-	0%
Segment 5	Left main	-	-	0%
Segment 6	Prox LAD	-	-	0%
Segment 7	Mid LAD	-	-	0%
Segment 8	Distal LAD	-	-	0%
Segment 9	Diagonal 1	-	-	0%
Segment 10	Diagonal 2	-	-	0%
Segment 11	Prox circ	-	-	0%
Segment 12	Marginal 1	-	-	0%
Segment 13	Mid circ	-	-	0%
Segment 14	Marginal 2	-	-	0%
Segment 15	Distal circ	-	-	0%
Segment 16	PL	-	-	0%
Segment 17	Ramus intermedius	-	-	0%
Dominance	Right dominance			

Note: Quantitative Stenosis Grading recommended by SCCT 2009 Guidelines
Normal (0%);
Minimal stenosis (plaque with <25% stenosis);
Mild stenosis (25% - 49% luminal diameter stenosis);
Moderate stenosis (>50% - 69% luminal diameter stenosis);
Severe stenosis (>70% - 99%);
Total occlusion (100%).

Page No. 3

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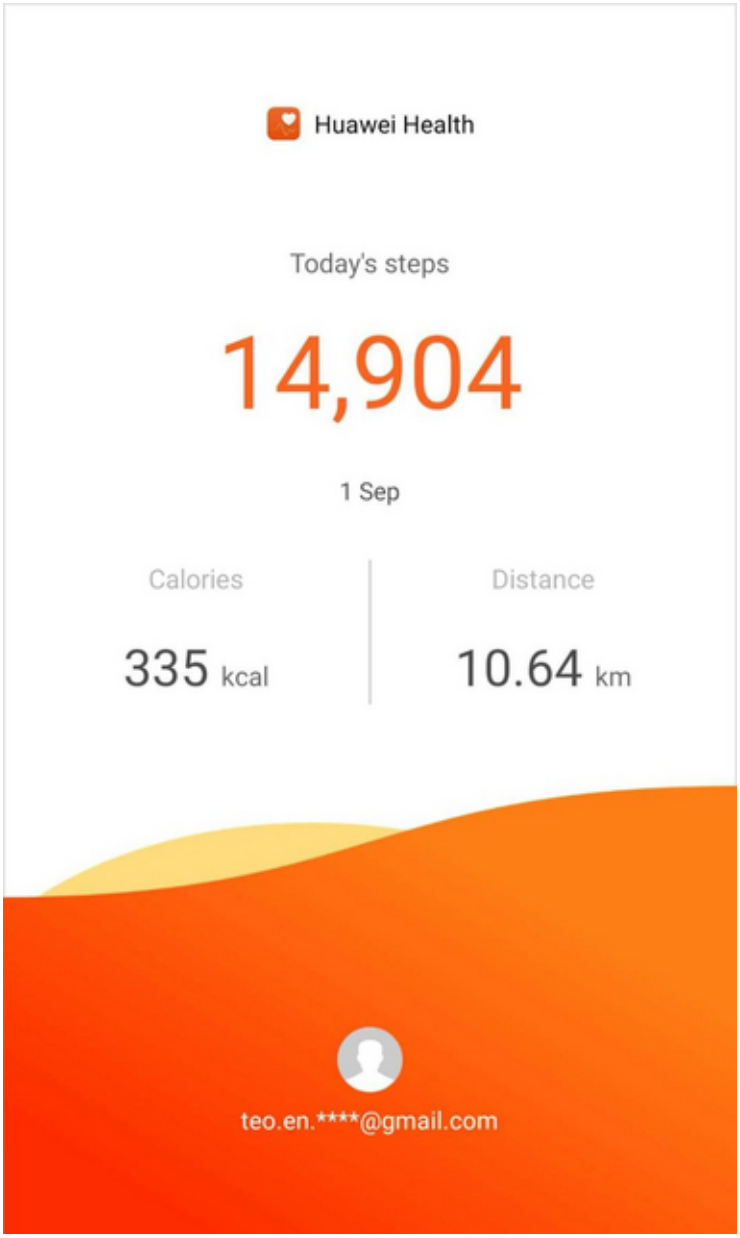
Walking Exercise Records from 30 Aug 2019 to 1 Sep 2019 (2019-09-03 08:36) - Turritopsis Dohrnii Teo En Ming

30 Aug 2019: Walked 12.63 km

31 Aug 2019: Walked 10.27 km

01 Sep 2019: Walked 10.64 km



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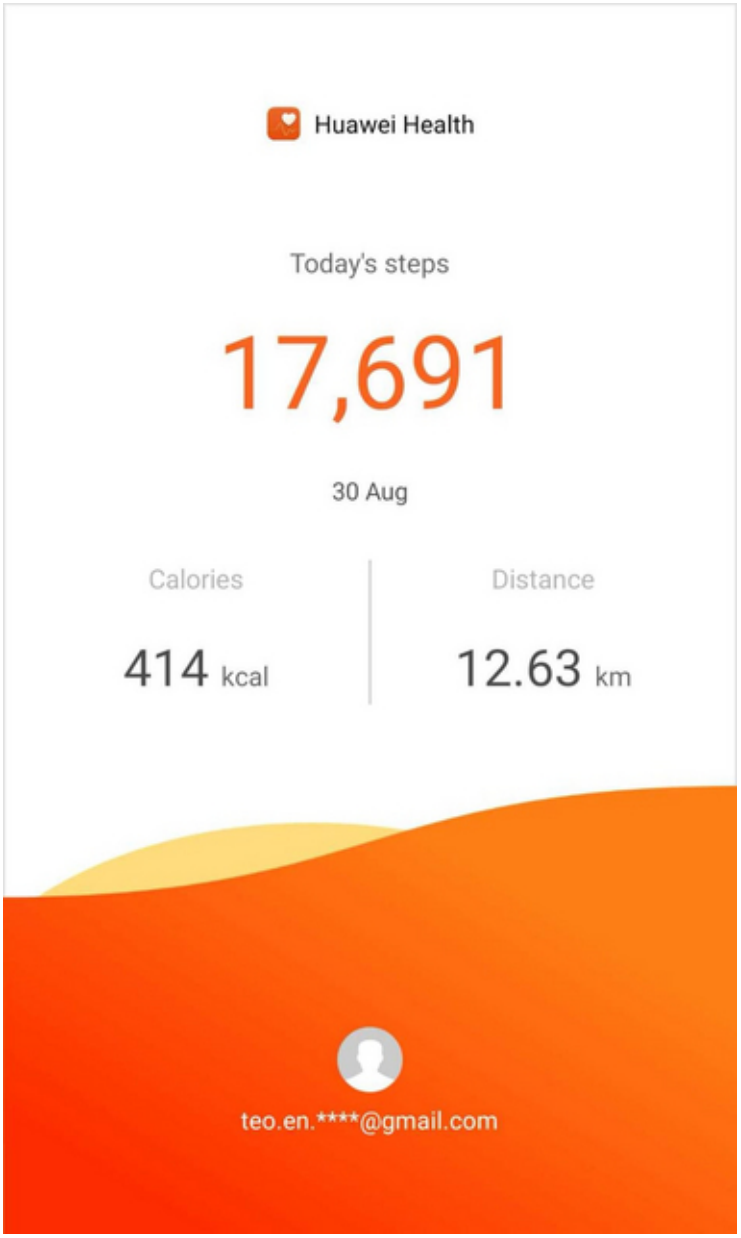
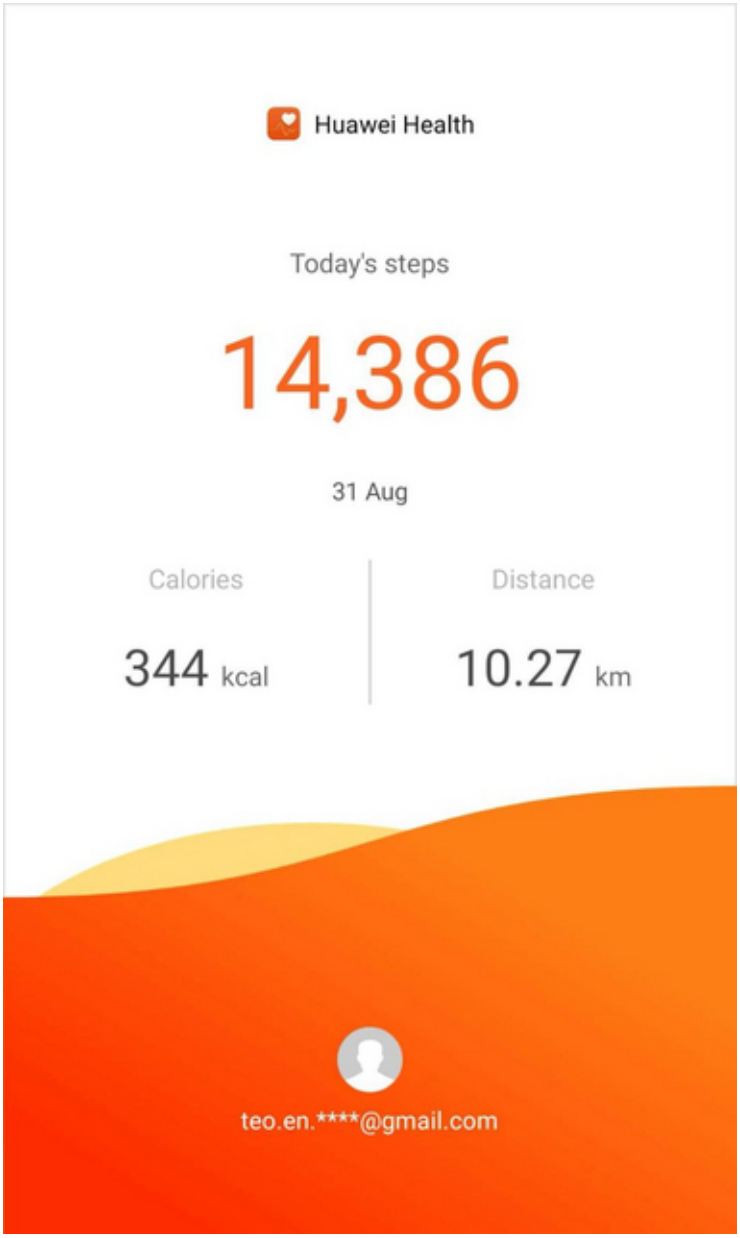

Huawei Health
Today's steps
17,691
30 Aug
Calories
414 kcal
Distance
12.63 km
teo.en.****@gmail.com



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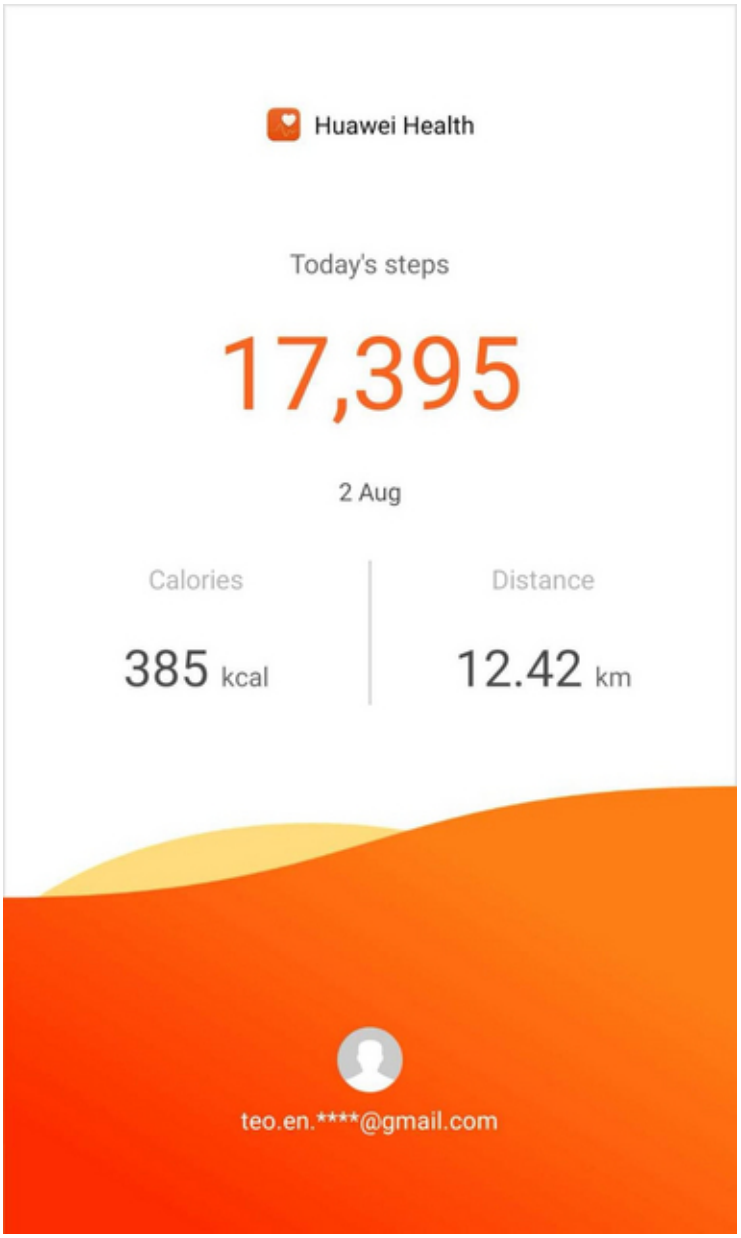
Walking Exercises During August 2019 Trip in Taiwan (2019-09-03 08:28) - Turritopsis Dohrnii Teo En Ming

Day 1, 2 Aug 2019: Walked 12.42 km

Day 2, 3 Aug 2019: Walked 13.18 km

Day 3, 4 Aug 2019: Walked 10.07 km

Day 4, 5 Aug 2019: Walked 6.94 km



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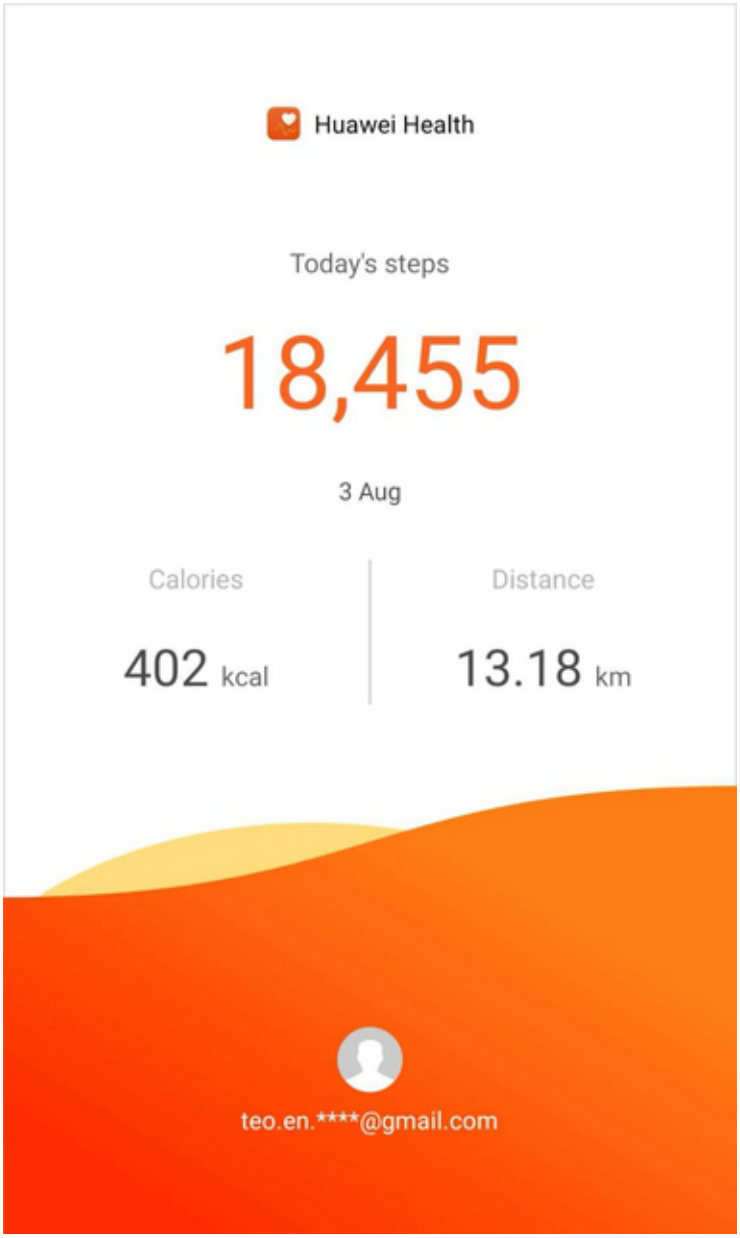

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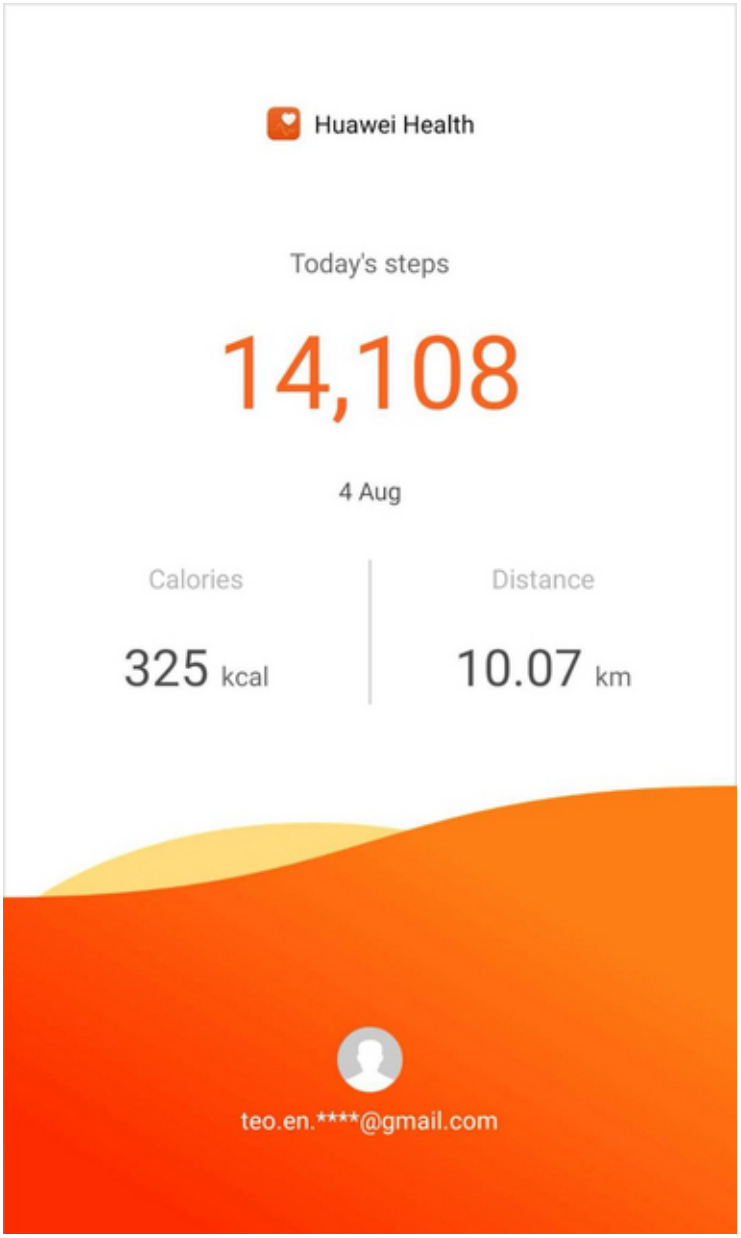

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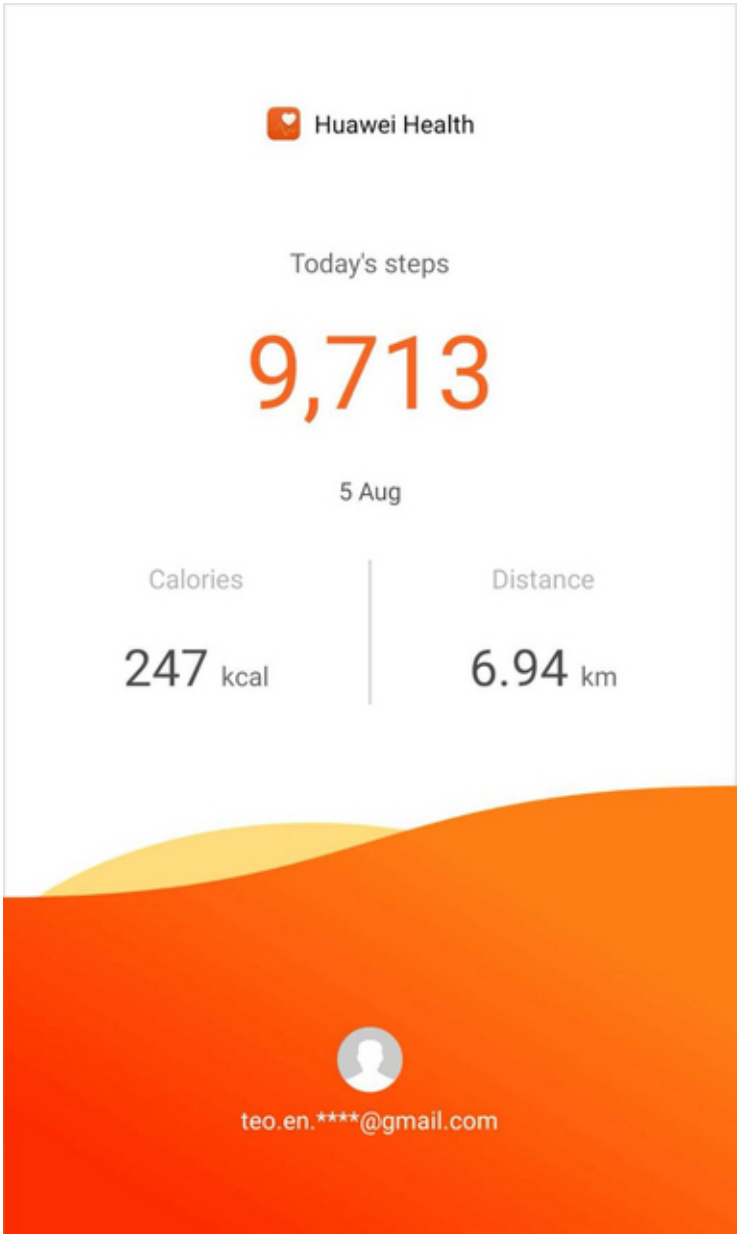

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Extra Links for Singaporean Teo En Ming's Refugee Seeking Attempts (2019-09-03 08:13) - Turritopsis Dohrnii Teo En Ming

Singapore Citizen Mr. Teo En Ming's Refugee Seeking Attempts, In The Search of a Substantially Better Life

In reverse chronological order:

[1] Petition to the Government of Taiwan for Refugee Status, 5th August 2019 Monday

Photo #1: At the building of the National Immigration Agency, Ministry of the Interior, Taipei, Taiwan, 5th August 2019

Photo #2: Queue ticket no. 515 at the National Immigration Agency, Ministry of the Interior, Taipei, Taiwan, 5th August 2019

Photo #3: Submission of documents/petition to the National Immigration Agency, Ministry of the Interior, Taipei, Taiwan, 5th August 2019

Photos #4 and #5: Acknowledgement of Receipt (no. 03142) for the submission of documents/petition from the National Immigration Agency, Ministry of the Interior, Taipei, Taiwan, 5th August 2019, 10:00 AM

References:

(a) Petition to the Government of Taiwan for Refugee Status, 5th August 2019 Monday (Blogspot blog)

Link: https://tdtemcerts.blogspot.sg/2019/08/petition-to-government-of-taiwan-for.h tml

(b) Petition to the Government of Taiwan for Refugee Status, 5th August 2019 Monday (Wordpress blog)

Link: https://tdtemcerts.wordpress.com/2019/08/23/petition-to-the-government-of-tai wan-for-refugee-status/

[2] Application for Refugee Status at the United Nations Refugee Agency, Bangkok, Thailand, 21st March 2017 Tuesday

References:

(a) [YOUTUBE] Vlog: The Road to Application for Refugee Status at the United Nations High Commissioner for Refugees, Bangkok

Link: https://www.youtube.com/watch?v=utpuAa1eUNI

YouTube video Published on March 22nd, 2017

Views as at 31st August 2019: 593

YouTube Channel: Turritopsis Dohrnii Teo En Ming
Subscribers as at 31st August 2019: 2815
Link: https://www.youtube.com/channel/UC _ _F2hzlqNEEGx-IXxQi3hA

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[20] [1]https://mail-index.netbsd.org/port-amd64/2019/09/02/msg003001.html

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[21] [2]https://lists.openswan.org/pipermail/users/2019-September/023784.html

[22] [3]https://lists.xenproject.org/archives/html/xen-users/2019-09/msg00002. html

[23] [4]https://marc.info/?l=kvm &m=156742834811239 &w=2

[24] [5]https://marc.info/?l=kvm-ia64 &m=156742970811708 &w=2

[25] [6]https://marc.info/?l=kvm-ppc &m=156742983211770 &w=2

[26] [7]https://lists.cs.columbia.edu/pipermail/kvmarm/2019-September/037083.h tml

[27] [8]https://sourceforge.net/p/linux-f2fs/mailman/message/36754008/

===SPACE COMMAND===

1. `https://mail-index.netbsd.org/port-amd64/2019/09/02/msg003001.html`
2. `https://lists.openswan.org/pipermail/users/2019-September/023784.html`
3. `https://lists.xenproject.org/archives/html/xen-users/2019-09/msg00002.html`
4. `https://marc.info/?l=kvm&m=156742834811239&w=2`
5. `https://marc.info/?l=kvm-ia64&m=156742970811708&w=2`
6. `https://marc.info/?l=kvm-ppc&m=156742983211770&w=2`
7. `https://lists.cs.columbia.edu/pipermail/kvmarm/2019-September/037083.html`
8. `https://sourceforge.net/p/linux-f2fs/mailman/message/36754008/`

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Singaporean Mr. Teo En Ming's Refugee Seeking Attempts, In the Search of a Substantially Better Life (2019-09-01 10:07) - Turritopsis Dohrnii Teo En Ming

Singaporean Mr. Teo En Ming's Refugee Seeking Attempts, In the Search of a Substantially Better Life

In reverse chronological order:

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Photo #1: At the building of the National Immigration Agency, Ministry of the Interior, Taipei, Taiwan, 5th August 2019

Photo #2: Queue ticket no. 515 at the National Immigration Agency, Ministry of the Interior, Taipei, Taiwan, 5th August 2019

Photo #3: Submission of documents/petition to the National Immigration Agency, Ministry of the Interior, Taipei, Taiwan, 5th August 2019

Photos #4 and #5: Acknowledgement of Receipt (no. 03142) for the submission of documents/petition from the National Immigration Agency, Ministry of the Interior, Taipei, Taiwan, 5th August 2019, 10:00 AM

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(b) Petition to the Government of Taiwan for Refugee Status, 5th August 2019 Monday (Wordpress blog)

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[2] Application for Refugee Status at the United Nations Refugee Agency, Bangkok, Thailand, 21st March 2017 Tuesday

References:

(a) [YOUTUBE] Vlog: The Road to Application for Refugee Status at the United Nations High Commissioner for Refugees, Bangkok

Link: https://www.youtube.com/watch?v=utpuAa1eUNI

YouTube video Published on March 22nd, 2017

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YouTube Channel: Turritopsis Dohrnii Teo En Ming
Subscribers as at 31st August 2019: 2815
Link: https://www.youtube.com/channel/UC _ _F2hzlqNEEGx-IXxQi3hA

REFERENCES:

[01] [1]https://lkml.org/lkml/2019/8/29/1700

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[02] [2]http://lkml.iu.edu/hypermail/linux/kernel/1908.3/06489.html

[03] [3]http://lists.linuxfromscratch.org/pipermail/lfs-chat/2019-August/02903 8.html

[04] [4]https://marc.info/?l=openbsd-misc &m=156712922932442 &w=2

[05] [5]https://marc.info/?l=linux-alpha &m=156713013332588 &w=2

[06] [6]https://marc.info/?l=linux-m68k &m=156713026232601 &w=2

[07] [7]https://marc.info/?l=linux-wireless &m=156713026132599 &w=2

[08] [8]https://www.mail-archive.com/linux-media@vger.kernel.org/msg149578.html

[09] [9]https://lists.ozlabs.org/pipermail/linuxppc-dev/2019-August/196182.htm l

[10] [10]https://lists.freedesktop.org/archives/dri-devel/2019-August/233783.h tml

[11] [11]https://lists.freedesktop.org/archives/nouveau/2019-August/033632.htm l

[12] [12]https://www.redhat.com/archives/dm-devel/2019-August/msg00323.html

[13] [13]https://www.redhat.com/archives/cluster-devel/2019-August/msg00105.html

[14] [14]http://lists.infradead.org/pipermail/ath10k/2019-August/013810.html
[15] [15]https://lists.01.org/pipermail/linux-nvdimm/2019-August/023423.html

[16] [16]https://marc.info/?l=linux-efi &m=156721219821428 &w=2

[17] [17]http://driverdev.linuxdriverproject.org/pipermail/driverdev-devel/201 9-August/138219.html

[18] [18]https://lists.linuxfoundation.org/pipermail/virtualization/2019-Augus t/043480.html

[19] [19]https://lists.linuxfoundation.org/pipermail/iommu/2019-August/038677. html

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1. `https://lkml.org/lkml/2019/8/29/1700`
2. `http://lkml.iu.edu/hypermail/linux/kernel/1908.3/06489.html`
3. `http://lists.linuxfromscratch.org/pipermail/lfs-chat/2019-August/029038.html`
4. `https://marc.info/?l=openbsd-misc&m=156712922932442&w=2`
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6. `https://marc.info/?l=linux-m68k&m=156713026232601&w=2`
7. `https://marc.info/?l=linux-wireless&m=156713026132599&w=2`
8. `https://www.mail-archive.com/linux-media@vger.kernel.org/msg149578.html`
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10. `https://lists.freedesktop.org/archives/dri-devel/2019-August/233783.html`
11. `https://lists.freedesktop.org/archives/nouveau/2019-August/033632.html`
12. `https://www.redhat.com/archives/dm-devel/2019-August/msg00323.html`
13. `https://www.redhat.com/archives/cluster-devel/2019-August/msg00105.html`
14. `http://lists.infradead.org/pipermail/ath10k/2019-August/013810.html`
15. `https://lists.01.org/pipermail/linux-nvdimm/2019-August/023423.html`
16. `https://marc.info/?l=linux-efi&m=156721219821428&w=2`
17. `http://driverdev.linuxdriverproject.org/pipermail/driverdev-devel/2019-August/138219.html`

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18. https://lists.linuxfoundation.org/pipermail/virtualization/2019-August/043480.html
19. https://lists.linuxfoundation.org/pipermail/iommu/2019-August/038677.html

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2.5 August

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Petition to the Government of Taiwan for Refugee Status (2019-08-23 14:54) - Turritopsis Dohrnii Teo En Ming

Petition to the Government of Taiwan for Refugee Status

Photo #1: At the building of the National Immigration Agency, Ministry of the Interior, Taipei, Taiwan

Photo #2: Queue ticket at the National Immigration Agency, Ministry of the Interior, Taipei, Taiwan

Photo #3: Submission of documents/petition to the National Immigration Agency, Ministry of the Interior, Taipei, Taiwan

Photos #4 and #5: Acknowledgement of Receipt for the submission of documents/petition from the National Immigration Agency, Ministry of the Interior, Taipei, Taiwan

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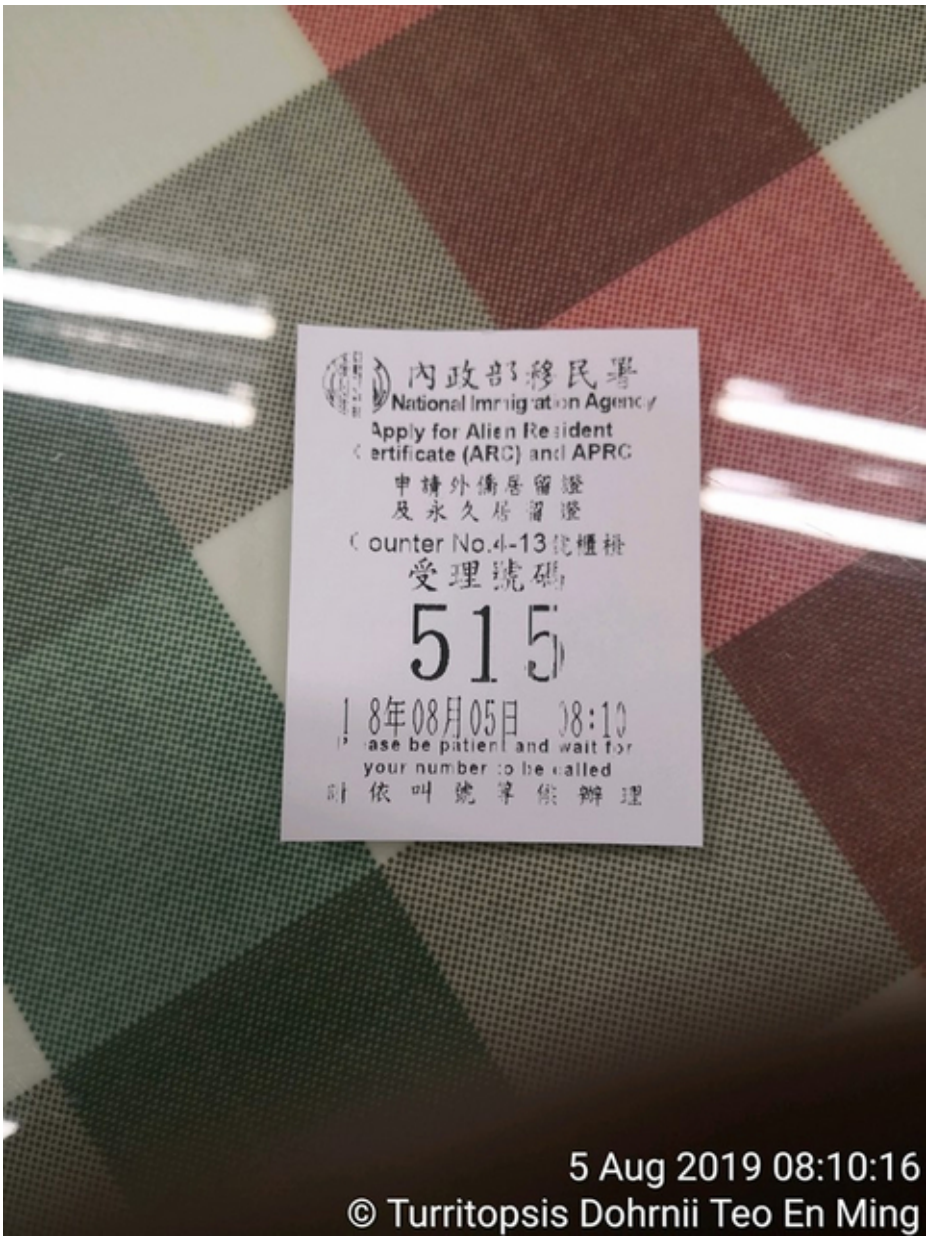

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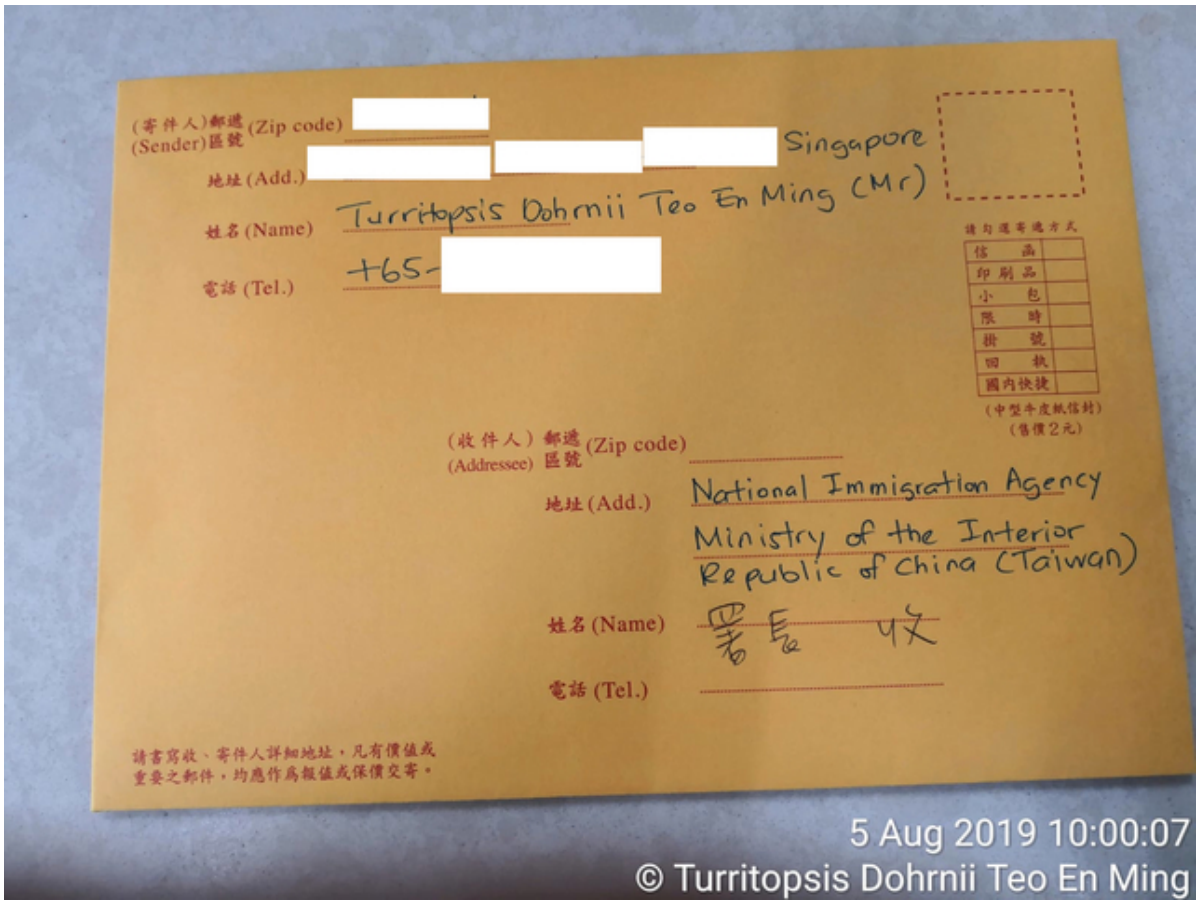
(寄件人)郵遞區號 (Zip code)
(Sender)
地址 (Add.)
Singapore
姓名 (Name)
Turritopsis Dohrnii Teo En Ming (Mr)
電話 (Tel.)
+65-
請勾選寄遞方式
信 函
印刷品
小 包
限 時
掛 號
回 執
國內快捷
(中型牛皮紙信封)
(售價2元)
(收件人) 郵遞區號 (Zip code)
(Addressee)
地址 (Add.)
National Immigration Agency
Ministry of the Interior
Republic of China (Taiwan)
姓名 (Name)
署長 收
電話 (Tel.)
請書寫收、寄件人詳細地址，凡有價值或重要之郵件，均應作為報值或保價交寄。
5 Aug 2019 10:00:07
© Turritopsis Dohrnii Teo En Ming

編號 03142
內 政 部 移 民 署 收 件 執 據
送件單位(人)：Mr. Turritopsis Dohrnii Teo En Ming (Singapore)
序號
內容摘要
文別
□函 □訴願 □陳情 □標單 □其他
1
署長
2
3
內政部收文 108.8.-5 (戊) 移民署
總計
21 件
收件人蓋章
108 年 8 月 5 日 10 時 44 分收到
內政部移民署收文查詢電話：02-23889393#2164
第一聯 送件單位（人）保存
HUAWEI MATE 10
NEW LEICA DUAL CAMERA

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TCM Red Yeast Rice, Tasly Compound danshen Dripping Pills, Lecithin and Omega-3 Fish Oil Are Really Effective in Reducing Cholesterol and Triglycerides Levels (2019-08-01 07:05) - Turritopsis Dohrnii Teo En Ming

I have been taking the following health supplements for almost one month since 3rd July 2019.

These are:

1. Beijing Tong Ren Tang TCM Zhonghua Sciencery Red Yeast Rice (SGD $48)

2. Beijing Tong Ren Tang TCM Tasly Compound danshen Dripping Pills (SGD $28)

3. Eu Yan Sang TCM High Strength CholesFREE PLUS with Natto Red Yeast Rice (SGD $35.90)

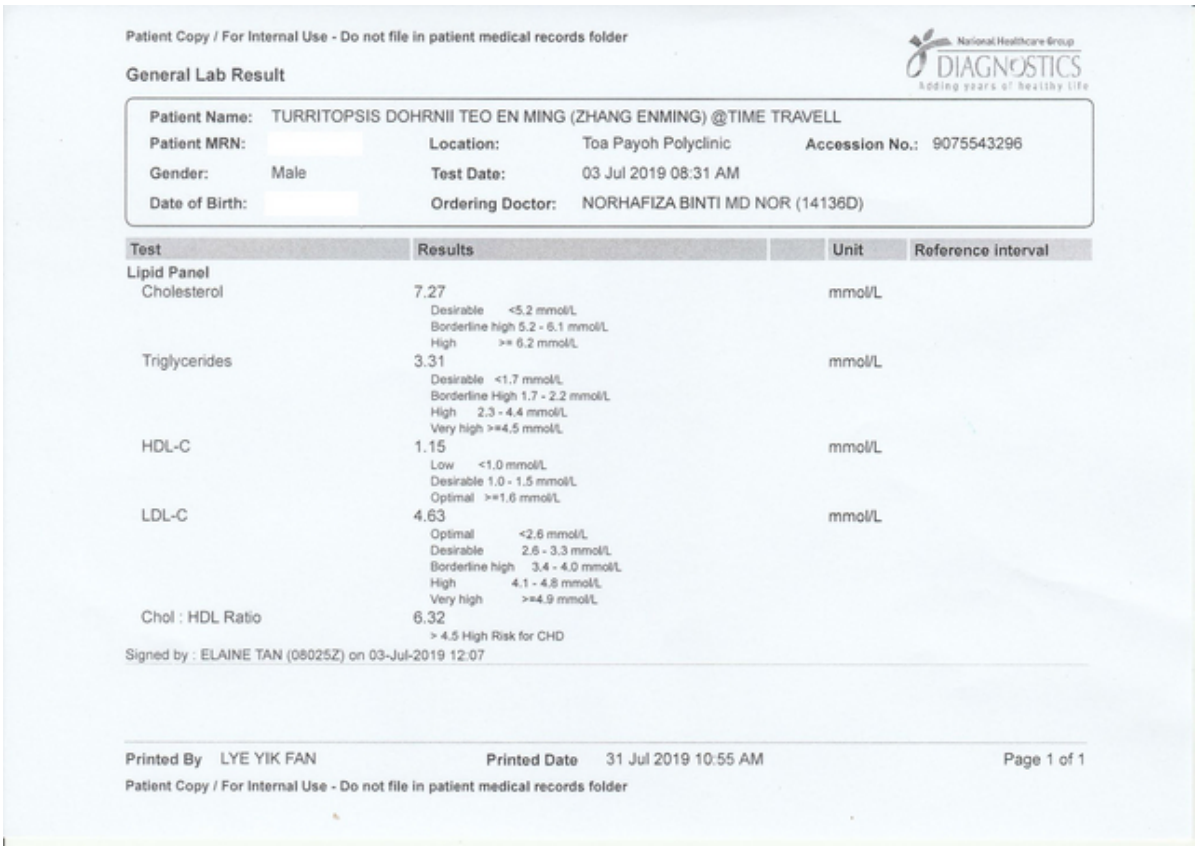
4. Shaklee Lecithin 180 softgels (SGD $30.90)

5. Blackmores Omega-3 Fish Oil with EPA and DHA 120 capsules (2 bottles for SGD $18)

After taking the above-mentioned health supplements for almost one month, I begin to see significant improvements in my total cholesterol, LDL, and triglycerides levels.

Please compare the Lipid Panel for 3rd July 2019 and the Lipid Panel for 31st July 2019 so that you can see for yourself significant improvements in total cholesterol, LDL and triglycerides levels.

LIPID PANEL 3 JULY 2019



Patient Copy / For Internal Use - Do not file in patient medical records folder

General Lab Result

National Healthcare Group DIAGNOSTICS — adding years of healthy life

Patient Name:	TURRITOPSIS DOHRNII TEO EN MING (ZHANG ENMING) @TIME TRAVELL		
Patient MRN:		Location:	Toa Payoh Polyclinic
Gender:	Male	Test Date:	03 Jul 2019 08:31 AM
Date of Birth:		Ordering Doctor:	NORHAFIZA BINTI MD NOR (14136D)

Accession No.: 9075543296

Test	Results	Unit	Reference interval
Lipid Panel			
Cholesterol	7.27	mmol/L	
	Desirable <5.2 mmol/L Borderline high 5.2 - 6.1 mmol/L High >= 6.2 mmol/L		
Triglycerides	3.31	mmol/L	
	Desirable <1.7 mmol/L Borderline High 1.7 - 2.2 mmol/L High 2.3 - 4.4 mmol/L Very high >=4.5 mmol/L		
HDL-C	1.15	mmol/L	
	Low <1.0 mmol/L Desirable 1.0 - 1.5 mmol/L Optimal >=1.6 mmol/L		
LDL-C	4.63	mmol/L	
	Optimal <2.6 mmol/L Desirable 2.6 - 3.3 mmol/L Borderline high 3.4 - 4.0 mmol/L High 4.1 - 4.8 mmol/L Very high >=4.9 mmol/L		
Chol : HDL Ratio	6.32		
	> 4.5 High Risk for CHD		

Signed by : ELAINE TAN (08025Z) on 03-Jul-2019 12:07

Printed By LYE YIK FAN Printed Date 31 Jul 2019 10:55 AM Page 1 of 1

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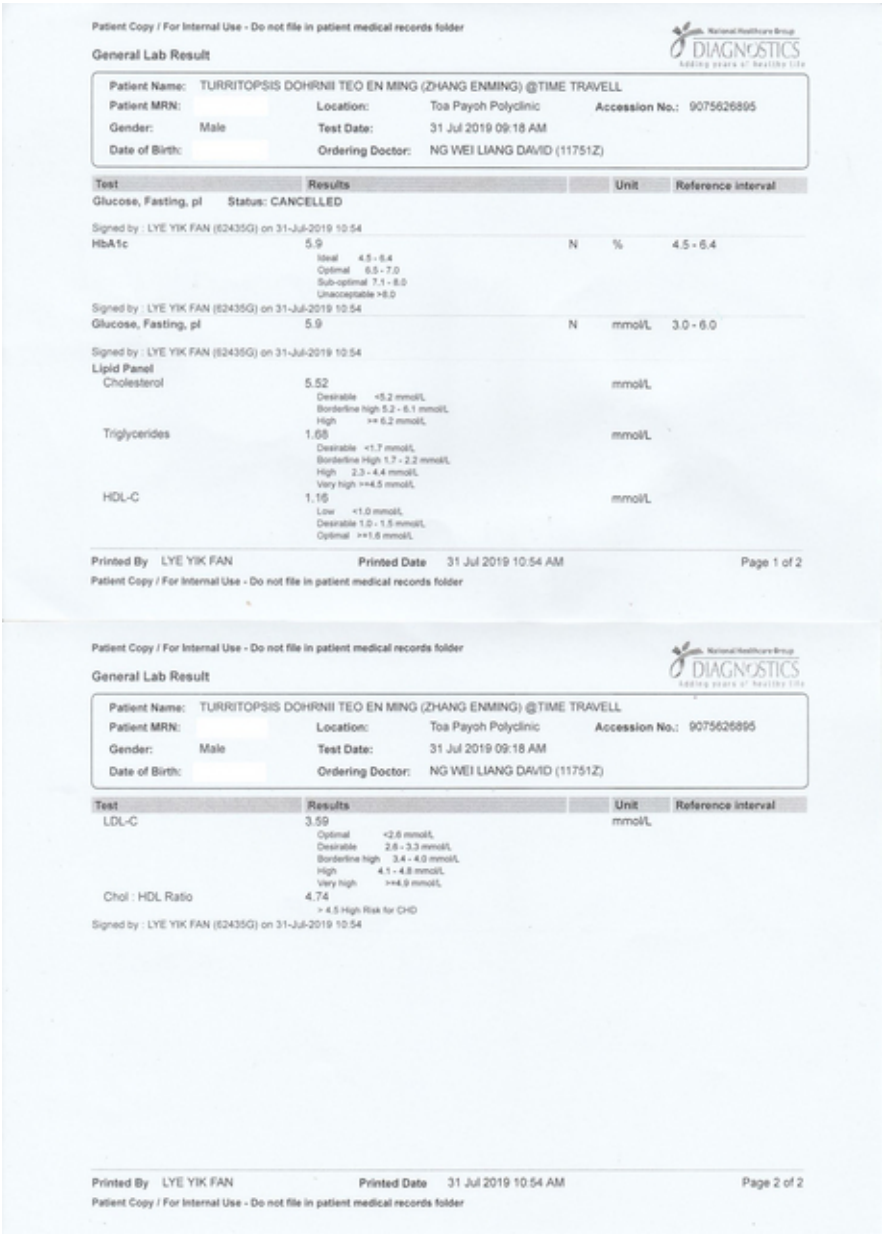
LIPID PANEL 31 JULY 2019



Patient Copy / For Internal Use - Do not file in patient medical records folder

General Lab Result

DIAGNOSTICS

Patient Name:	TURRITOPSIS DOHRNII TEO EN MING (ZHANG ENMING) @TIME TRAVELL				
Patient MRN:		Location:	Toa Payoh Polyclinic	Accession No.:	9075626895
Gender:	Male	Test Date:	31 Jul 2019 09:18 AM		
Date of Birth:		Ordering Doctor:	NG WEI LIANG DAVID (11751Z)		

Test	Results		Unit	Reference interval
Glucose, Fasting, pl	Status: CANCELLED			
Signed by : LYE YIK FAN (62435G) on 31-Jul-2019 10:54				
HbA1c	5.9 Ideal 4.5 - 6.4 Optimal 6.5 - 7.0 Sub-optimal 7.1 - 8.0 Unacceptable >8.0	N	%	4.5 - 6.4
Signed by : LYE YIK FAN (62435G) on 31-Jul-2019 10:54				
Glucose, Fasting, pl	5.9	N	mmol/L	3.0 - 6.0
Signed by : LYE YIK FAN (62435G) on 31-Jul-2019 10:54				
Lipid Panel				
Cholesterol	5.52 Desirable <5.2 mmol/L Borderline high 5.2 - 6.1 mmol/L High >= 6.2 mmol/L		mmol/L	
Triglycerides	1.68 Desirable <1.7 mmol/L Borderline High 1.7 - 2.2 mmol/L High 2.3 - 4.4 mmol/L Very high >=4.5 mmol/L		mmol/L	
HDL-C	1.16 Low <1.0 mmol/L Desirable 1.0 - 1.5 mmol/L Optimal >=1.6 mmol/L		mmol/L	

Printed By LYE YIK FAN Printed Date 31 Jul 2019 10:54 AM Page 1 of 2

Patient Copy / For Internal Use - Do not file in patient medical records folder

Patient Copy / For Internal Use - Do not file in patient medical records folder

General Lab Result

DIAGNOSTICS

Patient Name:	TURRITOPSIS DOHRNII TEO EN MING (ZHANG ENMING) @TIME TRAVELL				
Patient MRN:		Location:	Toa Payoh Polyclinic	Accession No.:	9075626895
Gender:	Male	Test Date:	31 Jul 2019 09:18 AM		
Date of Birth:		Ordering Doctor:	NG WEI LIANG DAVID (11751Z)		

Test	Results		Unit	Reference interval
LDL-C	3.59 Optimal <2.6 mmol/L Desirable 2.6 - 3.3 mmol/L Borderline high 3.4 - 4.0 mmol/L High 4.1 - 4.8 mmol/L Very high >=4.9 mmol/L		mmol/L	
Chol : HDL Ratio	4.74 > 4.5 High Risk for CHD			

Signed by : LYE YIK FAN (62435G) on 31-Jul-2019 10:54

Printed By LYE YIK FAN Printed Date 31 Jul 2019 10:54 AM Page 2 of 2

Patient Copy / For Internal Use - Do not file in patient medical records folder

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Great News: National Heart Center Singapore CT Coronary Calcium Score 18 July 2019

(2019-08-01 06:20) - Turritopsis Dohrnii Teo En Ming

Subject: Great News: National Heart Center Singapore CT Coronary Calcium Score 18 July 2019

Good day from Singapore,

This is good news for trillions and trillions of years to come!

1. My weight/mass is 123.5 kg (taken on 23 July 2019).

2. My height is 1.79 meters (taken on 23 July 2019).

3. My Body Mass Index (BMI) is 38.56 kg/m2 (as at 23 July 2019)

4. I have been living with random, intermittent, and chronic mild chest pain for the past 10 years since the year 2009.

5. I have seen countless (lost count) doctors in Singapore over the past 10 years. The diagnoses were always atypical chest pain (ie. nothing to do with the heart). All the doctors I have seen did not think it is angina pectoris.

6. I have done countless (lost count) cardiac tests in Singapore over the past 10 years, including electrocardiogram (ECG), treadmill stress test, MIBI heart perfusion test, and CT coronary angiogram. All the test results were either normal or perfect.

7. I have high cholesterol (hypercholesterolemia) for many years, according to doctors.

8. My pulse rate is consistently around 100 beats per minute for many years.

9. Recently, I went for CT coronary calcium scoring at National Heart Center Singapore (NHCS) on 18 July 2019. The following is a transcript of the CT coronary calcium scoring report obtained on 23 July 2019.

-----BEGIN NHCS CT Coronary Calcium Scoring Report 18 July 2019-----

National Heart Centre Singapore

Patient Results

Requested By: Chan Lihua Laura (Doctor) 23-Jul-2019 05:54 PM

TURRITOPSIS DOHRNII TEO EN MING (ZHANG ENMING) Sex: M Age: 41y DOB: *****

MRN / Visit No.: ***** / H119042968E0003 Locn: NHC-Cardiac Clinic B

18-Jul-2019 11:07 CT Coronary Calcium Scoring

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```
HCCT195011991718            Final

Additional Info               Verified Date/Time: 18/07/2019 12:02
                        Final
                              Verified Person: Dr. Narayan Lath
                              Verified Section: NHC CT
                              Performed at : National Heart Centre Singapore
                              Level 5, 5D, 5 Hospital Drive Singapore 169609

CT Coronary Calcium
                        Final
Scoring
   HISTORY
   to reassess risk profile
   TECHNIQUE
   Calcium Scan was prospectively gated. Images were reconstructed at 3.0 mm
slice thickness.
   Assessment was done using Vitrea Calcium software and Agatston scoring
schema.
   REPORT
   Calcium Score: Agatston 0 , Volume score 0 mm3, LM 0 , RCA 0 , LAD 0 , LCX
0.
   The calcium score is between 0 th and 25 th percentile for [men between the
ages
   of 40 and 44.
   Normal coronary origins.
   EXTRACARDIAC FINDINGS
   No incidental significant abnormalities in the included lungs or
mediastinum.
   Report Indicator:   Normal
   Finalised by:        Narayan Lath, Senior Consultant, 12598I
   Finalised Date/Time: 18/07/2019 12:02
Report Link
                        Final

Printed from: National Heart Centre Singapore                    End of Report
                        Page: 1 of 1

-----END NHCS CT Coronary Calcium Scoring Report 18 July 2019-----

For scanned image of the original CT coronary calcium scoring report from
National Heart Center Singapore, please visit my RAID 1 mirroring redundant
Blogger and Wordpress blogs at

[1]https://tdtemcerts.blogspot.sg

[2]https://tdtemcerts.wordpress.com

On how to interpret CT Coronary Calcium Score, please visit the website of the
Radiological Society of North America, Inc. (RSNA) at

[3]https://www.radiologyinfo.org/en/info.cfm?pg=ct_calscoring
```


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REFERENCES

==========

[4]https://lkml.org/lkml/2019/7/24/50

[5]http://lkml.iu.edu/hypermail/linux/kernel/1907.3/00049.html

[6]http://lists.linuxfromscratch.org/pipermail/lfs-chat/2019-July/029025.html

[7]https://marc.info/?l=linux-alpha&m=156394600704752&w=2

[8]https://marc.info/?l=linux-m68k&m=156394663204865&w=2

[9]https://marc.info/?l=linux-wireless&m=156394740805002&w=2

[10]https://www.mail-archive.com/linux-media@vger.kernel.org/msg148679.html

[11]http://lists.linuxfromscratch.org/pipermail/lfs-chat/2019-July/029026.html

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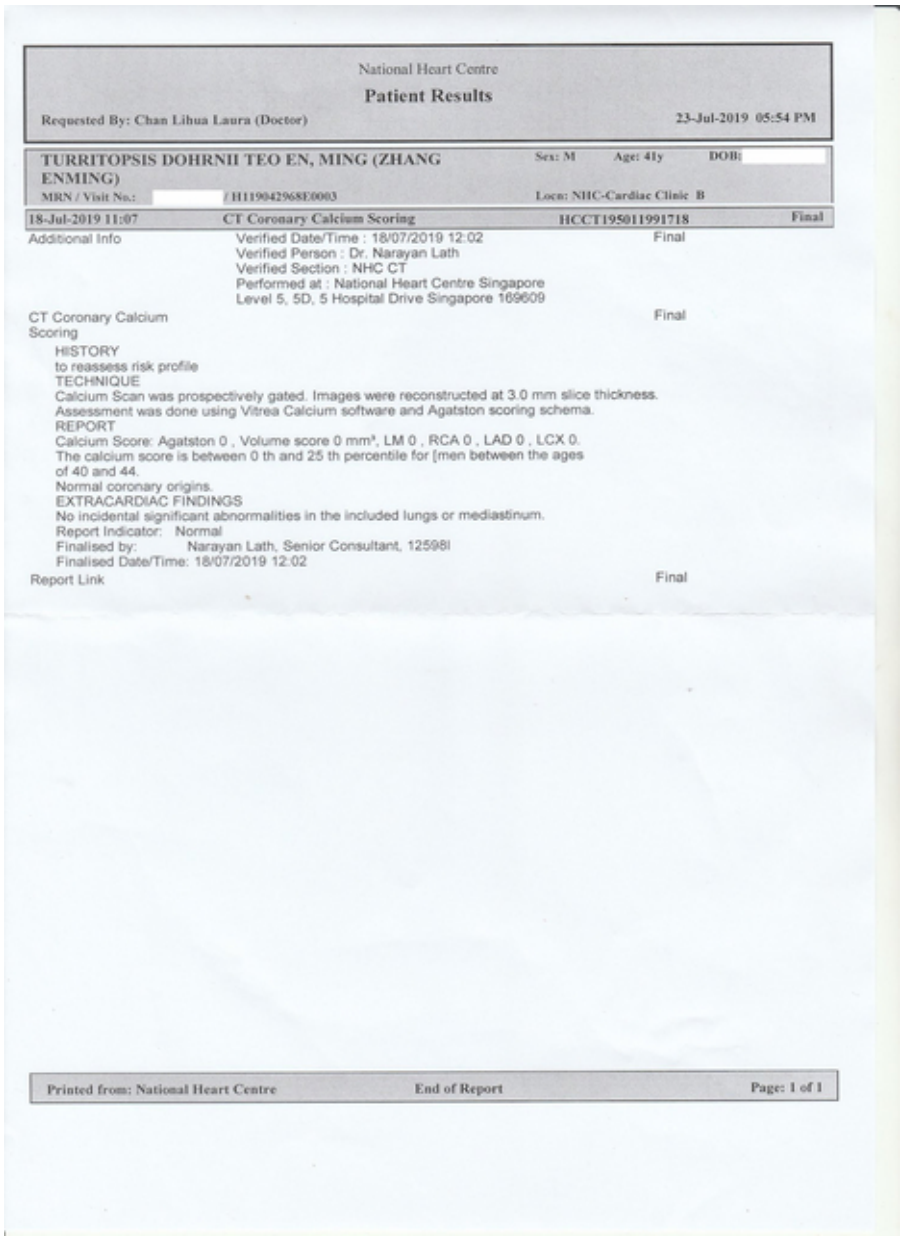

National Heart Centre

Patient Results

Requested By: Chan Lihua Laura (Doctor) 23-Jul-2019 05:54 PM

TURRITOPSIS DOHRNII TEO EN, MING (ZHANG ENMING) Sex: M Age: 41y DOB:

MRN / Visit No.: / H119042968E0003 Locn: NHC-Cardiac Clinic B

18-Jul-2019 11:07 CT Coronary Calcium Scoring HCCT195011991718 Final

Additional Info
Verified Date/Time : 18/07/2019 12:02
Verified Person : Dr. Narayan Lath
Verified Section : NHC CT
Performed at : National Heart Centre Singapore
Level 5, 5D, 5 Hospital Drive Singapore 169609
Final

CT Coronary Calcium Scoring
Final

HISTORY
to reassess risk profile
TECHNIQUE
Calcium Scan was prospectively gated. Images were reconstructed at 3.0 mm slice thickness.
Assessment was done using Vitrea Calcium software and Agatston scoring schema.
REPORT
Calcium Score: Agatston 0 , Volume score 0 mm³, LM 0 , RCA 0 , LAD 0 , LCX 0.
The calcium score is between 0 th and 25 th percentile for [men between the ages of 40 and 44.
Normal coronary origins.
EXTRACARDIAC FINDINGS
No incidental significant abnormalities in the included lungs or mediastinum.
Report Indicator: Normal
Finalised by: Narayan Lath, Senior Consultant, 12598I
Finalised Date/Time: 18/07/2019 12:02

Report Link
Final

Printed from: National Heart Centre End of Report Page: 1 of 1

1. https://tdtemcerts.blogspot.sg/
2. https://tdtemcerts.wordpress.com/
3. https://www.radiologyinfo.org/en/info.cfm?pg=ct_calscoring
4. https://lkml.org/lkml/2019/7/24/50
5. http://lkml.iu.edu/hypermail/linux/kernel/1907.3/00049.html
6. http://lists.linuxfromscratch.org/pipermail/lfs-chat/2019-July/029025.html
7. https://marc.info/?l=linux-alpha&m=156394600704752&w=2
8. https://marc.info/?l=linux-m68k&m=156394663204865&w=2
9. https://marc.info/?l=linux-wireless&m=156394740805002&w=2
10. https://www.mail-archive.com/linux-media@vger.kernel.org/msg148679.html
11. http://lists.linuxfromscratch.org/pipermail/lfs-chat/2019-July/029026.html

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2.6 July

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Intel Core i9-9980XE Extreme Edition and AMD Ryzen 9 3950X Microprocessors (2019-07-19 12:07) - Turritopsis Dohrnii Teo En Ming

[1]https://lkml.org/lkml/2019/7/18/561

[2]https://lists.ubuntu.com/archives/ubuntu-users/2019-July/297774.html
[3]https://lists.fedoraproject.org/archives/list/users@lists.fedorap roject.org/thread/ZFJ3J4BUICQKA6YRCMKIVUB-5VVG4J42W/

1. https://lkml.org/lkml/2019/7/18/561
2. https://lists.ubuntu.com/archives/ubuntu-users/2019-July/297774.html
3. https://lists.fedoraproject.org/archives/list/users@lists.fedoraproject.org/thread/ZFJ3J4BUICQKA6YRCMKIVUB5VVG4J42W/

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Facts in the Singapore Political Context (2019-07-16 11:35) - Turritopsis Dohrnii Teo En Ming

References:

[1]http://lists.linuxfromscratch.org/pipermail/lfs-chat/2019-June/029016. html

[2]https://lkml.org/lkml/2019/6/26/747

[3]https://marc.info/?l=linux-alpha &m=156298520417153 &w=2

[4]https://marc.info/?l=linux-m68k &m=156298520417154 &w=2

[5]https://marc.info/?l=linux-wireless &m=156298927317738 &w=2

[6]https://www.mail-archive.com/linux-media@vger.kernel.org/msg148472.html

1. http://lists.linuxfromscratch.org/pipermail/lfs-chat/2019-June/029016.html
2. https://lkml.org/lkml/2019/6/26/747
3. https://marc.info/?l=linux-alpha&m=156298520417153&w=2
4. https://marc.info/?l=linux-m68k&m=156298520417154&w=2
5. https://marc.info/?l=linux-wireless&m=156298927317738&w=2
6. https://www.mail-archive.com/linux-media@vger.kernel.org/msg148472.html

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[SCMP] No money, no flat, no democracy: why young Hong Kong is angry (2019-07-16 11:28) - Turritopsis Dohrnii Teo En Ming

Read here:

[1]https://www.scmp.com/news/hong-kong/politics/article/3018253/extraditio n-bill-crisis-why-are-young-people-hong-kong

1. https://www.scmp.com/news/hong-kong/politics/article/3018253/extradition-bill-crisis-why-are-young-people-hong-kong

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List of Other Donations (2019-07-15 20:26) - Turritopsis Dohrnii Teo En Ming

List of Other Donations

- United Nations Office of the High Commissioner for Human Rights
- United Nations High Commissioner for Refugees
- Human Rights Watch (USA)
- American Civil Liberties Union (ACLU)
- Doctors Without Borders (International)
- Reporters Without Borders (France)
- Federation of American Scientists

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This is the very first time I have dined at Sushi Express in 41 years of my life (2019-07-07 18:21) - Turritopsis Dohrnii Teo En Ming

This is the very first time I have dined at Sushi Express in 41 years of my life. New Outlet Special Promotion at Funan Mall, Singapore. SGD $1 per dish.

I have never dined at any high class/posh restaurant for the past 41 years of my life. It's always hawker center or food court in Singapore.

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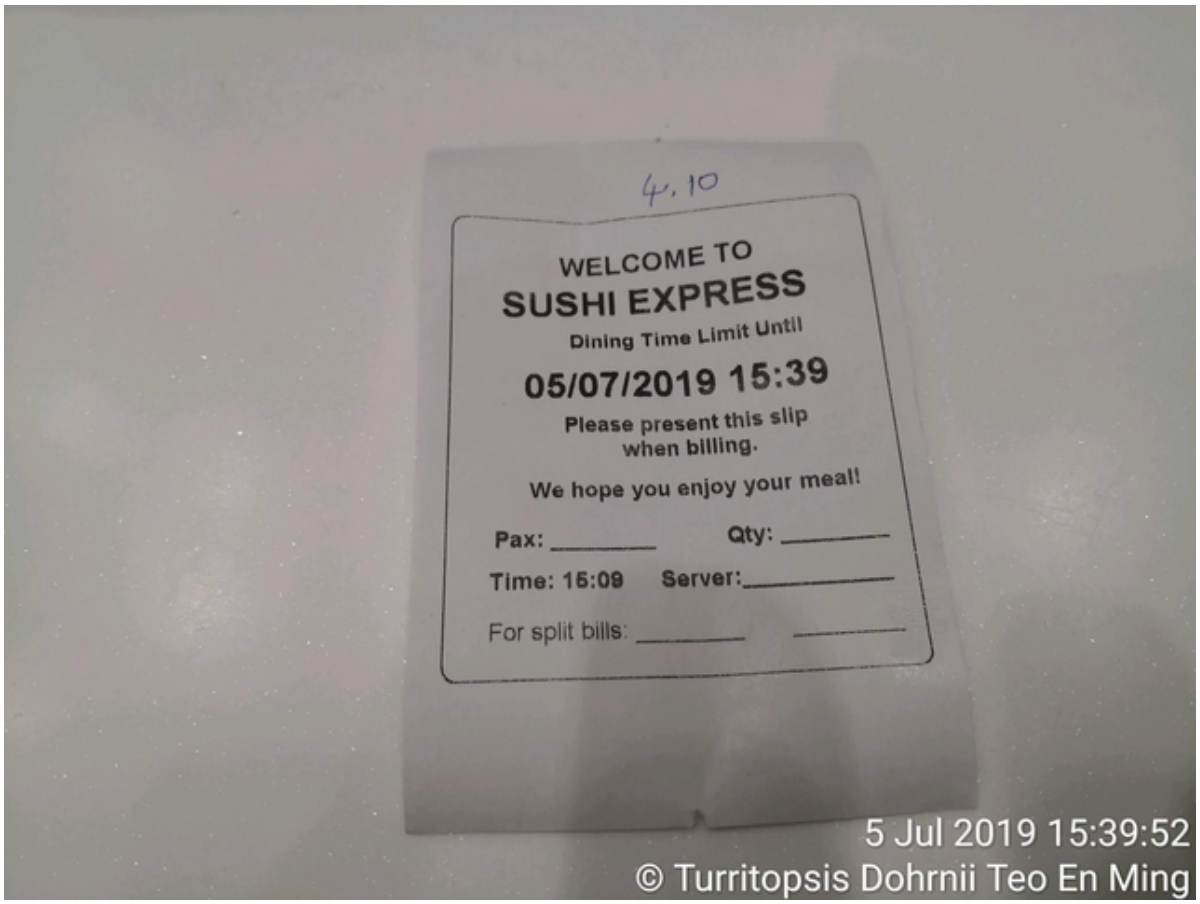
Cod Fish Wrap
$1.50++
Maximize Your Sushi Experience!
5 Jul 2019 15:38:55
© Turritopsis Dohrnii Teo En Ming

Maximize Your Sushi Experience!
The proper way to eat sushi.
Don't drench your sushi in soy sauce. You'll only need a little bit, otherwise you'll overpower the taste of the actual fish.
2)
5 Jul 2019 15:39:05
© Turritopsis Dohrnii Teo En Ming



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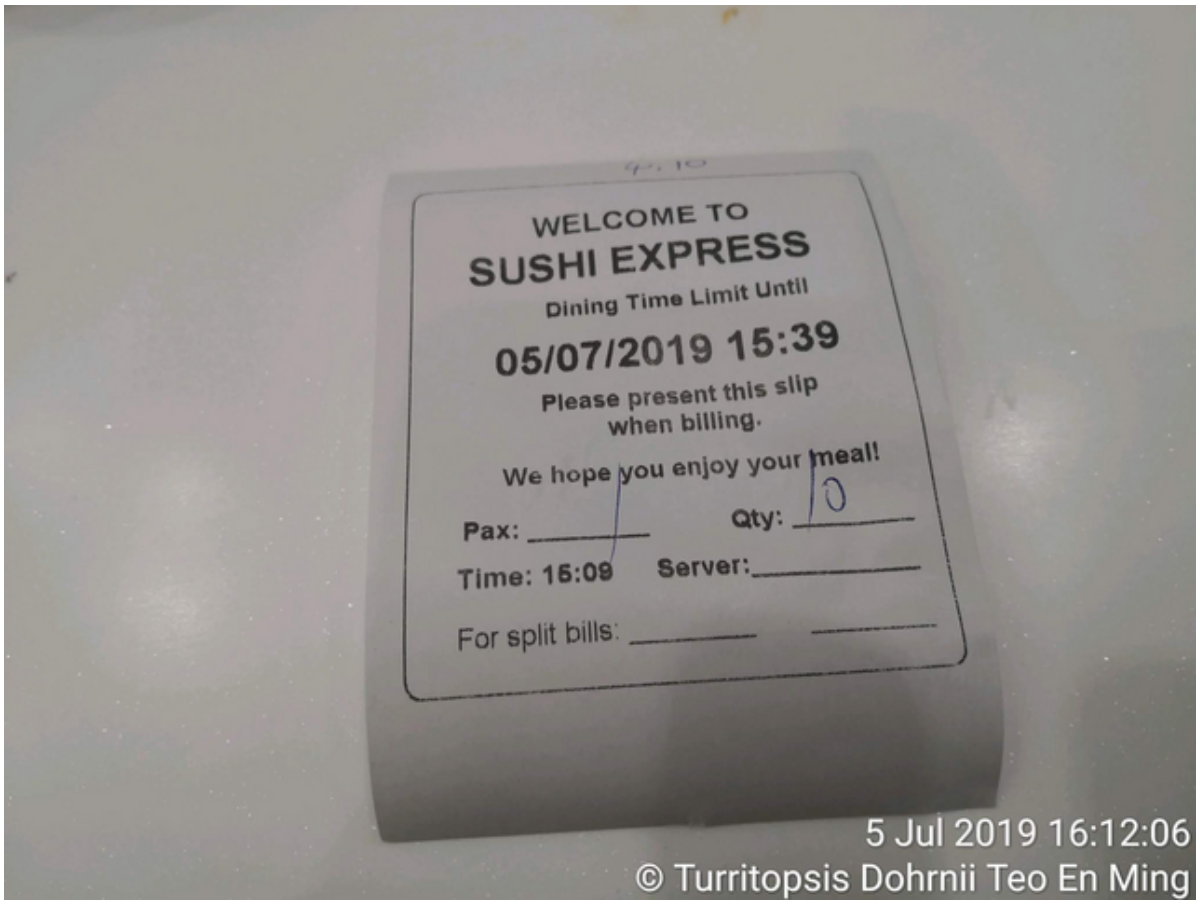

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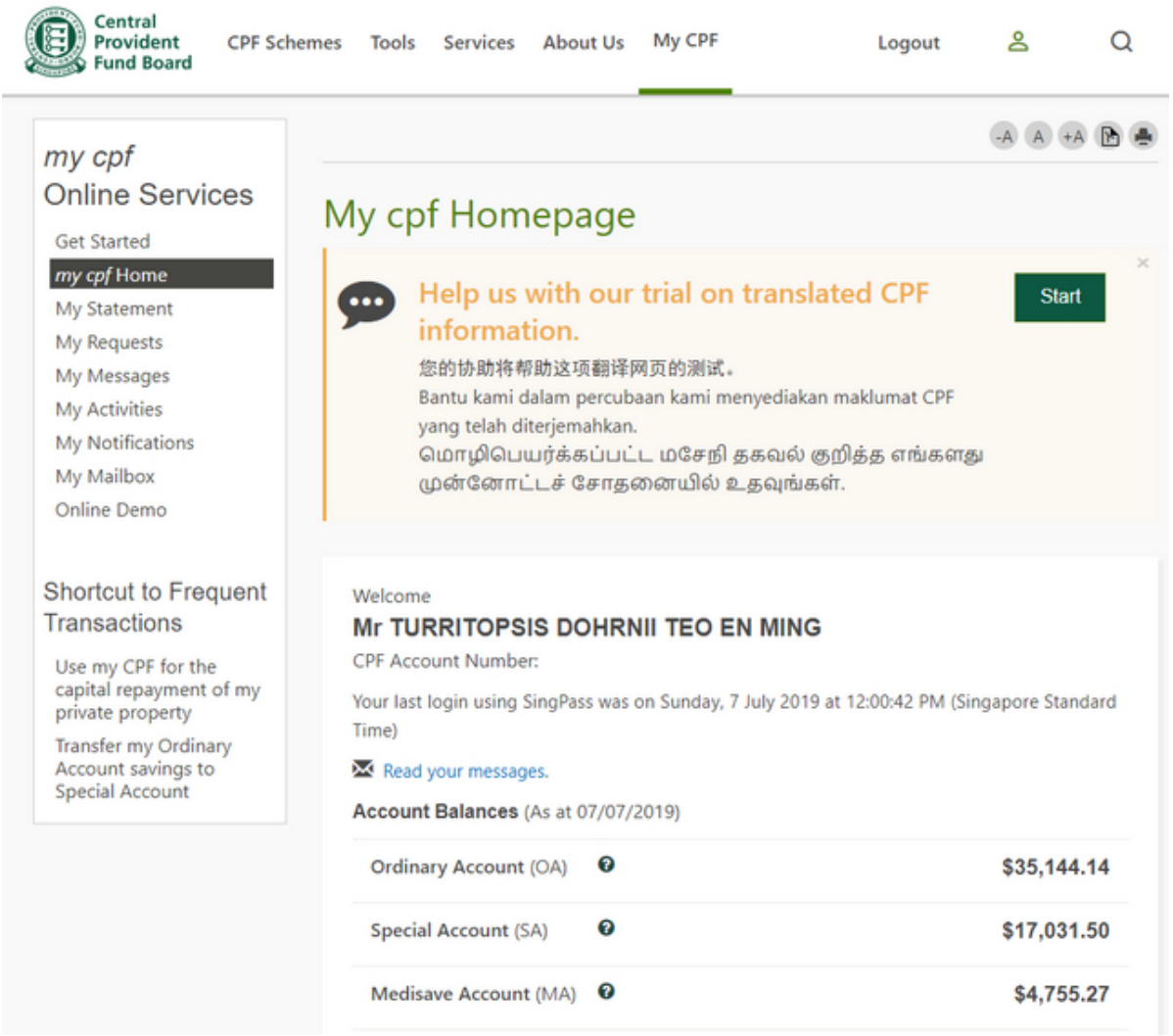
Central Provident Fund (CPF) Account as at 7 July 2019 (2019-07-07 12:14) - Turritopsis Dohrnii Teo En Ming



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Donations to the Search for Extraterrestrial Intelligence (SETI) Project at the University of California, Berkeley, USA **(2019-07-07 10:41) - Turritopsis Dohrnii Teo En Ming**

Donations to the Search for Extraterrestrial Intelligence (SETI) Project at the University of California, Berkeley, USA
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[1]https://setiathome.berkeley.edu/donorlist.php

1. https://setiathome.berkeley.edu/donorlist.php

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Donations to the Royal Society (National Academy of Sciences of the United Kingdom of Great Britain and Northern Ireland) (2019-07-07 10:35) - Turritopsis Dohrnii Teo En Ming

Donations to the Royal Society (National Academy of Sciences of the United Kingdom of Great Britain and Northern Ireland)
========== -
==========

Year 2018: [1]https://royalsociety.org/about-us/funding-finances/support-us/our-donors /

1. https://royalsociety.org/about-us/funding-finances/support-us/our-donors/

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Donations to the National Academy of Sciences of the United States of America (2019-07-07 10:30) - Turritopsis Dohrnii Teo En Ming

Donations to the National Academy of Sciences of the United States of America
========== ===

Year 2011: [1]https://www.nap.edu/catalog/13445/report-of-the-treasurer-of-the-nationa l-academy-of-sciences-for-the-year-ended-december-31-2011

Year 2013: [2]https://www.nap.edu/catalog/18830/report-of-the-treasurer-of-the-nationa l-academy-of-sciences-for-the-year-ended-december-31-2013

Year 2014: [3]https://www.nap.edu/catalog/21779/report-of-the-treasurer-of-the-nationa l-academy-of-sciences-for-the-year-ended-december-31-2014

Year 2015: [4]https://www.nap.edu/catalog/23558/report-of-the-treasurer-of-the-nationa l-academy-of-sciences-for-the-year-ended-december-31-2015

Year 2016: [5]https://www.nap.edu/catalog/24826/report-of-the-treasurer-of-the-nationa l-academy-of-sciences-for-the-year-ended-december-31-2016

Year 2017: [6]https://www.nap.edu/catalog/25177/report-of-the-treasurer-for-the-year-e nded-december-31-2017

Year 2018: [7]https://www.nap.edu/catalog/25503/report-of-the-treasurer-for-the-year-e nded-december-31-2018

1. https://www.nap.edu/catalog/13445/report-of-the-treasurer-of-the-national-academy-of-sciences-for-the-year-ended-december-31-2011
2. https://www.nap.edu/catalog/18830/report-of-the-treasurer-of-the-national-academy-of-sciences-for-the-year-ended-december-31-2013
3. https://www.nap.edu/catalog/21779/report-of-the-treasurer-of-the-national-academy-of-sciences-for-the-year-ended-december-31-2014
4. https://www.nap.edu/catalog/23558/report-of-the-treasurer-of-the-national-academy-of-sciences-for-the-year-ended-december-31-2015
5. https://www.nap.edu/catalog/24826/report-of-the-treasurer-of-the-national-academy-of-sciences-for-the-year-ended-december-31-2016
6. https://www.nap.edu/catalog/25177/report-of-the-treasurer-for-the-year-ended-december-31-2017
7. https://www.nap.edu/catalog/25503/report-of-the-treasurer-for-the-year-ended-december-31-2018

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Teo En Ming's Idols (2019-07-07 10:20) - Turritopsis Dohrnii Teo En Ming

0. Turritopsis Dohrnii - Turritopsis dohrnii, the immortal jellyfish, is a species of small, biologically immortal jellyfish found in the Mediterranean Sea and in the waters of Japan.

1. Wudang Mountains' Zhang Sanfeng, 307 years old??
2. Monk in Journey to the West TV drama (2009 series), 270 years old
3. Great Britain's Prince Philip, 97 years old
4. Former US President Jimmy Carter, 94 years old
5. Malaysia's Prime Minister Dr Mahathir, 93 years old
6. Queen Elizabeth II of the United Kingdom, 92 years old
7. TV Actor in Singapore, Bai Yan, 100 years old

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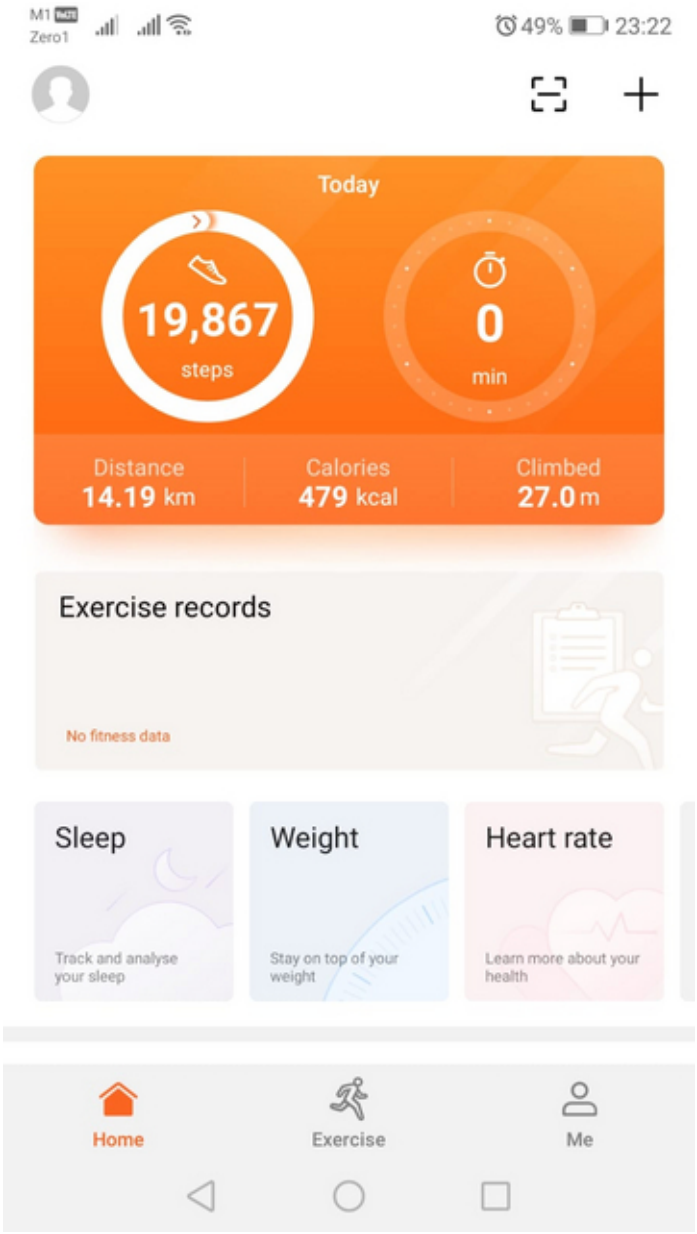
[Exercise Records] I walked 19,867 steps or 14.19 km on 5 July 2019 Friday (Route March) (2019-07-07 10:15) - Turritopsis Dohrnii Teo En Ming



Teo En Ming's Exercise Records for June 2019 (2019-07-07 10:09) - Turritopsis Dohrnii Teo En Ming

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2.7 June

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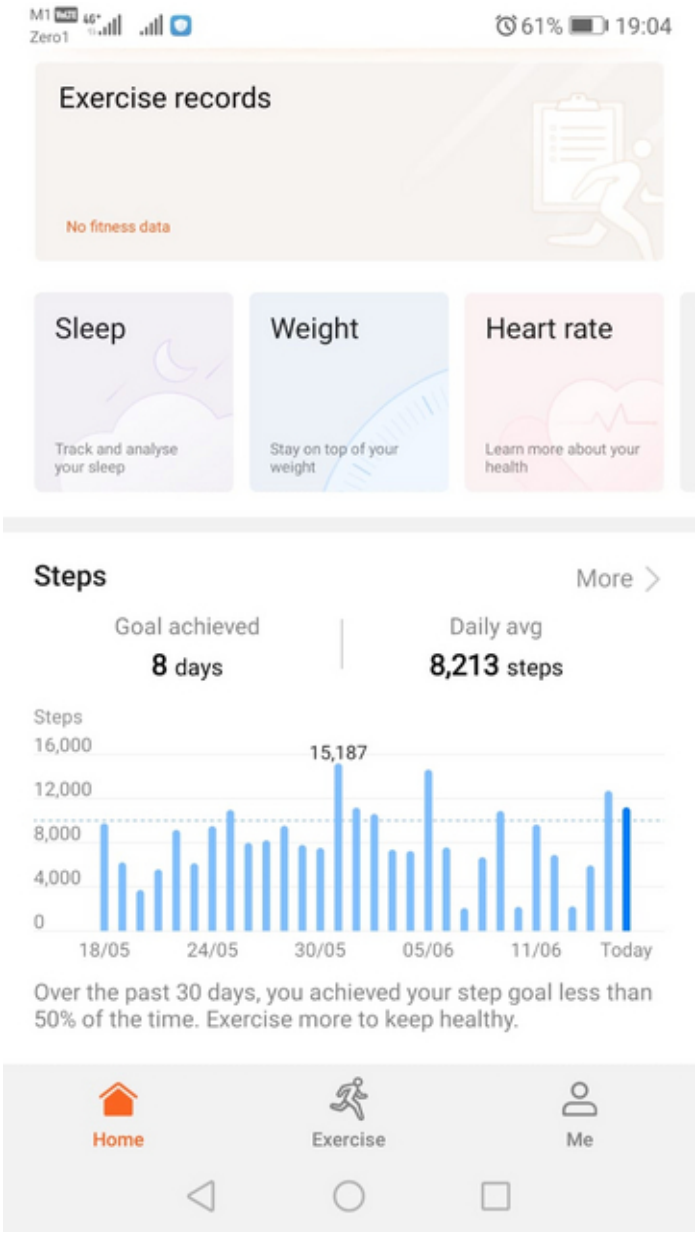
Teo En Ming's Exercise Records for Mid June 2019 (2019-06-24 01:13) - Turritopsis Dohrnii Teo En Ming



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Targeted Individuals Get Fired from Employment/Jobs Frequently or All the Time (2019-06-24 00:58) - Turritopsis Dohrnii Teo En Ming

Reference at Indiana University, USA:

[1]http://lkml.iu.edu/hypermail/linux/kernel/1906.1/00025.html

1. http://lkml.iu.edu/hypermail/linux/kernel/1906.1/00025.html

©2020 tdtemcerts.blogspot.com

Workplace Mobbing: Bullying at the Workplace (2019-06-24 00:54) - Turritopsis Dohrnii Teo En Ming

Reference at Indiana University, USA:

[1]http://lkml.iu.edu/hypermail/linux/kernel/1905.2/07465.html

1. `http://lkml.iu.edu/hypermail/linux/kernel/1905.2/07465.html`

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[South China Morning Post] Scoffing in Singapore, praise in Philippines: how Asia sees Hong Kong's extradition bill protests (2019-06-24 00:47) - Turritopsis Dohrnii Teo En Ming

Source: [1]https://www.scmp.com/week-asia/politics/article/3015618/scoffing -singapore-praise-philippines-how-asia-sees-hong-kongs

1. https://www.scmp.com/week-asia/politics/article/3015618/scoffing-singapore-praise-philippines-how-asia-sees-hong-kongs

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[CNN] Wanted: Someone to eat ribs and travel the country. Salary: $5,000 a week (2019-06-24 00:43) - Turritopsis Dohrnii Teo En Ming

Source: [1]https://edition.cnn.com/2019/06/17/us/reynolds-wrap-ribs-job-t rnd/index.html

1. https://edition.cnn.com/2019/06/17/us/reynolds-wrap-ribs-job-trnd/index.html

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Teo En Ming's Infocomm Technology (ICT) Skillset (Nov 2017 to Jun 2019) (2019-06-22 15:55) - Turritopsis Dohrnii Teo En Ming

Reference at Indiana University, USA:

[1]http://lkml.iu.edu/hypermail/linux/kernel/1906.2/03246.html

1. `http://lkml.iu.edu/hypermail/linux/kernel/1906.2/03246.html`

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Hong Kong Actress Joey Wong: The Standard Model of a Top Beauty (2019-06-22 15:50) - Turritopsis Dohrnii Teo En Ming

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[Exercise Records] I walked more than 20 km on 2 days at ConnecTechAsia and Broadcast Asia 2019 (2019-06-22 15:38) - Turritopsis Dohrnii Teo En Ming

[Exercise Records] I walked more than 20 km on 2 days at ConnecTechAsia and Broadcast Asia 2019

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(TVB): **(2019-06-22 15:26)**

- Turritopsis Dohrnii Teo En Ming

[1]https://www.youtube.com/watch?v=Xfv9NM4gkrg

1. `https://www.youtube.com/watch?v=Xfv9NM4gkrg`

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MEGAMIND ‘Google brain’ implants could mean end of school as anyone will be able to learn anything instantly (2019-06-05 22:01) - Turritopsis Dohrnii Teo En Ming

MEGAMIND

‘Google brain’ implants could mean end of school as anyone will be able to learn anything instantly

An expert believes that within the next 20 years, our heads will be boosted with special implants so ’you won’t need to memorise anything’

Link: [1]https://www.thesun.co.uk/tech/8710836/google-brain-implants-coul d-mean-end-of-school-as-anyone-will-be-able-to-learn-anything-instantly/

1. https://www.thesun.co.uk/tech/8710836/google-brain-implants-could-mean-end-of-school-as-anyone-will-be-able-to-learn-anything-instantly/

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Elon Musk just revealed new details about Starlink, a plan to surround Earth with 12,000 high-speed internet satellites. Here’s how it might work. (2019-06-05 21:56) - Turritopsis Dohrnii Teo En Ming

Elon Musk just revealed new details about Starlink, a plan to surround Earth with 12,000 high-speed internet satellites. Here’s how it might work.

Link: [1]https://www.businessinsider.com/spacex-starlink-satellite-intern et-how-it-works-2019-5?IR=T

1. https://www.businessinsider.com/spacex-starlink-satellite-internet-how-it-works-2019-5?IR=T

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Learning Achievements as at 5th June 2019 (2019-06-05 21:35) - Turritopsis Dohrnii Teo En Ming

1. Got SSL VPN to work on Watchguard Firebox T30 Firewall.

2. Installed 90-day free Let's Encrypt Certification Authority SSL certificate on Ubuntu 16.04 LTS /testing/ server for customer successfully.

3. Successfully setup Azure Active Directory Synchronization with Office 365 for Business.

4. Learnt setting up Ubiquiti Cloud Key Controller and UniFi Access Point in a Local Area Network (LAN).

5. Got Internet Protocol Security (IPsec) VPN to work on Fortinet Fortigate 60E Next Generation Firewall (NGFW).

6. Learnt Ping Plotter 5, which is a GUI frontend for traceroute(Linux)/tracert(Windows).

7. Learnt tcping command line utility.

8. Learnt Sophos Cloud and Sophos Endpoint Security (Sophos Intercept X Advanced).

9. Successfully setup Active Directory Domain Controller (testing only) for British-based company within a few hours. With Active directory users and security groups.

10. Installed Duplicati Backup 2.0.4.5 in Ubuntu 16.04 LTS Linux Server

11. Installed X Windowing server and GNOME desktop manager in Ubuntu 16.04 LTS Linux Server

sudo apt-get install xorg gnome

12. Installed 90-day free SSL cert on Internet Information Services 10 Web Server on Windows Server 2016 Standard.

13. Learnt a tiny wee bit (0.001 %) about Group Policy in Windows Servers (automatically map network drives/shared folders in computers and laptops that join Windows domains).

14. Learning how to deploy Fortigate-VM64 firewall virtual appliance in VMware Workstation Player from scratch (learning in progress).

15. Successfully deployed NextCloudPi VM Private Cloud Server in VMware ESXi 5.5.0 host (the user interface is a bit like Google Drive).

16. Successfully integrated NextCloud Private Cloud user authentication with LDAP/Active Directory.

17. Successfully implemented two-factor authentication (2FA) for NextCloud Private Cloud using TOTP.

18. Successfully deployed FORTIGATE-VM64 virtual firewall appliance latest version 6.0.4 with only one firewall policy and one default static route.

19. Successfully implemented site-to-site IPsec VPN tunnel between Watchguard Firebox T30 Firewall (Headquarters) and Sophos UTM (SG) Firewall in the Cloud. IPsec Phase 1 and Phase 2 settings are all correct.

20. Successfully connected to Java Virtual Console in Dell IDRAC6 for Dell Enterprise Servers with Windows command batch file, Java JAR files, Java Dynamic Link Libraries and Java Runtime Environment 6 Update

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45.

21. Successfully deployed NextCloud SME/Enterprise Appliance (based on Univention Corporate Server). Successfully integrated with non-UCS Microsoft Windows Active Directory.

22. Successfully deployed site-to-site IPsec VPN tunnel between two units of Fortigate-VM64 version 5.6.8 virtual firewall appliances and VMware Workstation Pro 15.0.4.

23. Activities on 11th April 2019
a. Configured Fortigate 90D firewall (firmware version 6.0.4) from scratch
b. Re-configured Cisco 881 Router
c. Re-configured 2X Cisco Catalyst 2960X switches
d. Re-configured 3X Cisco Aironet 1600 Wireless Access Points

24. Looked into /var/log/ on Ubuntu 16.04 LTS Server for customer

25. Successfully installed and configured automysqlbackup v3.0-rc6 on Ubuntu 16.04 LTS production server. Created cron jobs.

26. Successfully deployed ModSecurity 2.9.0 Web Application Firewall (WAF) in blocking mode on Ubuntu 16.04 LTS testing server.

27. Successfully implemented Two-factor Authentication for IPsec Remote Access VPN in Fortigate firewall.

28. Introduction to Deep Packet Inspection for firewalls, eg. ndpi-netfilter Linux Kernel module.

29. Learnt how to upgrade firmware for Watchguard Firebox T10 firewall.

30. Learnt Cobian 11 Gravity backup software for Windows.

31. Successfully configured HPE FlexNetwork MSR954-W router with basic routing and SSH access.

32. Successfully upgraded firmware of HPE FlexNetwork MSR954-W router from version 7.1.059 to 7.1.064 and enabled Web UI (https only).

33. Successfully configured Ubiquity Edge Router Lite 3 router from scratch.

34. Learnt a bit about Juniper Netscreen firewall.

35. Successfully configured Cisco 881 Router with DYNDNS Dynamic DNS Update from scratch.

36. Completed 2-hour Introduction to Fortinet and Fortigate Firewalls online course at Udemy with Certificate of Completion.

37. Learnt that UniFi Cloud Key Controller is based on Debian Linux OS. UniFi Controller cannot start due to MONGODB database error. Solved by copying out backup config files using WINSCP, upgrading the firmware from 0.6 to 0.13.10, reset to factory defaults, and finally restoring backup config file.

38. Successfully integrated Fortigate 60E firewall with LDAP Server/Active Directory Domain Controller using regular binding.

39. Used Linux grep command and regular expressions to process MDaemon Email Server SMTP logs in

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Cygwin64 environment.

40. Brief introduction to PostgreSQL database server on Ubuntu Linux Customer Relationship Management (CRM) server.

41. Learnt how to launch Java Virtual Console on Dell IDRAC on Dell enterprise servers.

42. Successfully solved Ubiquiti Cloud Key Controller database error (Cloud Key is a Wireless Controller).

43. Successfully configured Huawei B315S-607 4G router for customer.

44. Successfully configured Ubiquiti EdgeRouter Lite 3 router.

45. Learnt command to check Active Directory user account password expiration date.

net user username /domain

46. Successfully installed macOS 10.14 Mojave virtual machine (using VMDK) on VMware Workstation Pro 15 on Windows 10 Pro laptop. Need to use macOS Unlocker to patch VMware Workstation Pro.

47. Successfully installed Ubiquiti UniFi Controller 5.10.24 software on Ubuntu 18.04 LTS server virtual machine on VMware ESXi 5.5 host. UniFi Controller is a Wireless Controller.

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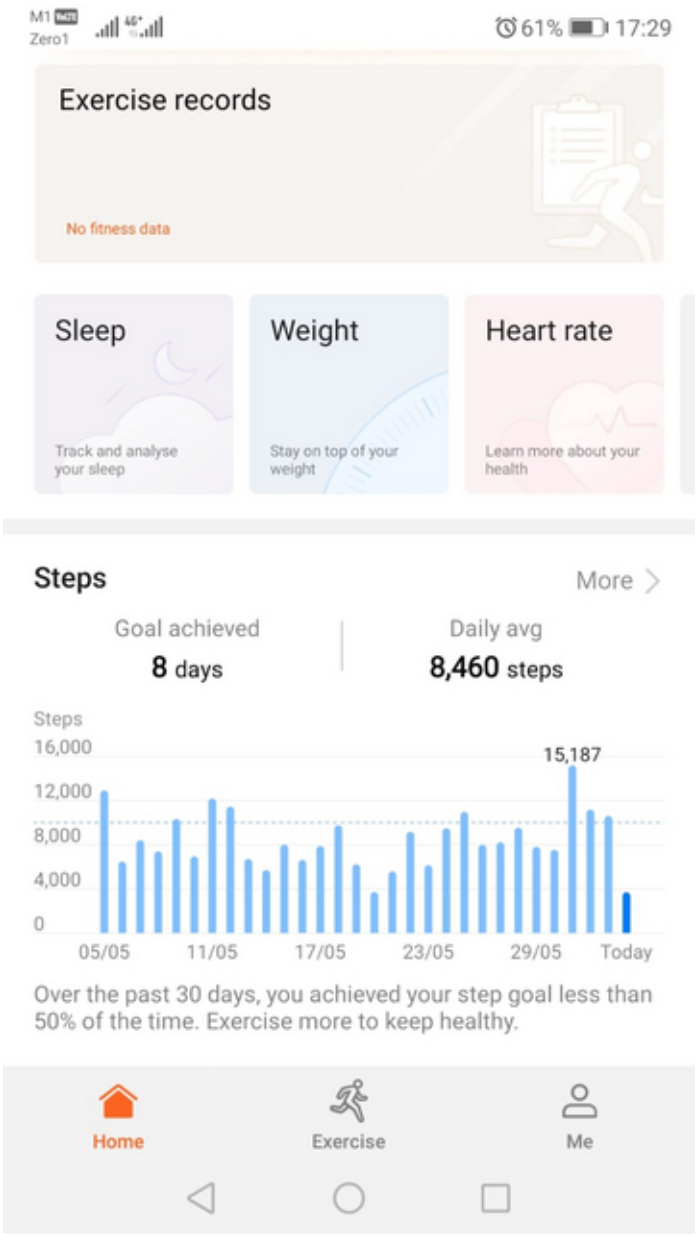
Teo En Ming's Exercise Records for May 2019 (2019-06-05 21:14) - Turritopsis Dohrnii Teo En Ming



2.8 May

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UK Prime Minister Theresa May’s emotional announcement that she is standing down.

(2019-05-25 13:20) - Turritopsis Dohrnii Teo En Ming

BBC World Service

"I will shortly leave the job that it has been the honour of my life to hold."

UK Prime Minister Theresa May’s emotional announcement that she is standing down. [1]bbc.in/2VX8GwS

1. `https://l.facebook.com/l.php?u=http%3A%2F%2Fbbc.in%2F2VX8GwS%3Ffbclid%3DIwAR0LRdebQC1LyEi6tABeMqViLL90WAQkMcOrXDNoruLpy09T-g0C9dGXP6M&h=AT2MItYIg8a72kBh3nYmhPb_`

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Mainstream Newspaper Articles on Targeted Individuals (2019-05-25 13:08)

- Turritopsis Dohrnii Teo En Ming

Mainstream Newspaper Articles on Targeted Individuals

(1) [The New York Times] Microwave Weapons Are Prime Suspect in Ills of U.S. Embassy Workers

Link:
[1]https://www.nytimes.com/2018/09/01/science/sonic-attack-cuba-microwave.html

(2) [The New York Times] Microwave Weapons Are Prime Suspect in Ills of U.S. Embassy Workers

Link:
[2]https://www.nytimes.com/2018/09/01/science/sonic-attack-cuba-microwave.html

(3) [The New York Times] Microwave Weapons Are Prime Suspect in Ills of U.S. Embassy Workers

Link:
[3]https://www.nytimes.com/2018/09/01/science/sonic-attack-cuba-microwave.html

(4) [The Washington Post] Mind Games New on the Internet: a community of people who believe the government is beaming voices into their minds. They may be crazy, but the Pentagon has pursued a weapon that can do just that.

Link:
[4]https://www.washingtonpost.com/archive/lifestyle/magazine/2007/01/14/mind-games-span-classbankheadnew-on-the-internet-a-community-of-people-who-believe-the-government-is-beaming-voices-into-their-minds-they-may-be-crazy-but-the-pentagon-has-pursued-a-weapon-that-can-do-just-that-span/a0d09db6-d7aa-4fcd-a829-2a3ebc56df9d/?utm_term=.c666f33ed933

(5) [New York Times] United States of Paranoia: They See Gangs of Stalkers

Link:
[5]https://www.nytimes.com/2016/06/11/health/gang-stalking-targeted-individuals.html

(6) [WIRED] Mind Games: The Tortured Lives of ‘Targeted Individuals'

Link:
[6]https://www.wired.com/story/mind-games-the-tortured-lives-of-targeted-individuals/

1. https://www.nytimes.com/2018/09/01/science/sonic-attack-cuba-microwave.html
2. https://www.nytimes.com/2018/09/01/science/sonic-attack-cuba-microwave.html
3. https://www.nytimes.com/2018/09/01/science/sonic-attack-cuba-microwave.html
4. https://www.washingtonpost.com/archive/lifestyle/magazine/2007/01/14/mind-games-span-classbankheadnew-

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on-the-internet-a-community-of-people-who-believe-the-gove

5. https://www.nytimes.com/2016/06/11/health/gang-stalking-targeted-individuals.html

6. https://www.wired.com/story/mind-games-the-tortured-lives-of-targeted-individuals/

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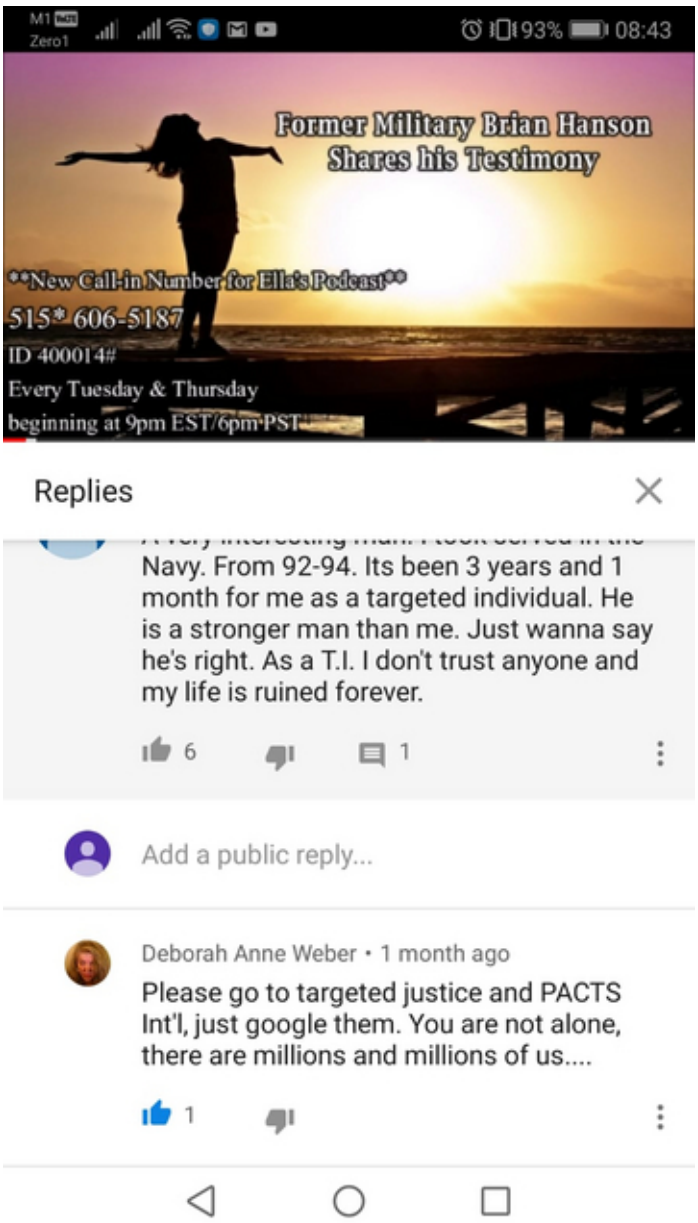
There are MILLIONS and MILLIONS of TARGETED INDIVIDUALS all over the world. You are not alone. You are not special. **(2019-05-25 10:43) - Turritopsis Dohrnii Teo En Ming**

There are MILLIONS and MILLIONS of TARGETED INDIVIDUALS all over the world. You are not alone. You are not special.

@YouTube Channel of Ella Free

Deborah Anne Weber says: "Please go to Targeted Justice and PACTS International, just google them. You are not alone, there are millions and millions of us...."



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It is very tiring, very trying and very tough being a Targeted Individual (2019-05-24 07:11) - Turritopsis Dohrnii Teo En Ming

It is very tiring, very trying and very tough being a Targeted Individual

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Teo En Ming's Idols (2019-05-22 23:27) - Turritopsis Dohrnii Teo En Ming

1. Wudang Mountains' Zhang Sanfeng, 307 years old??
2. Monk in Journey to the West TV drama (2009 series), 270 years old
3. Great Britain's Prince Philip, 97 years old
4. Former US President Jimmy Carter, 94 years old
5. Malaysia's Prime Minister Dr Mahathir, 93 years old
6. Queen Elizabeth II of the United Kingdom, 92 years old
7. TV Actor in Singapore, Bai Yan, 100 years old

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Learning Achievements as at 22nd May 2019 (2019-05-22 23:23) - Turritopsis Dohrnii Teo En Ming

1. Got SSL VPN to work on Watchguard Firebox T30 Firewall.

2. Installed 90-day free Let's Encrypt Certification Authority SSL certificate on Ubuntu 16.04 LTS /testing/ server for customer successfully.

3. Successfully setup Azure Active Directory Synchronization with Office 365 for Business.

4. Learnt setting up Ubiquiti Cloud Key Controller and UniFi Access Point in a Local Area Network (LAN).

5. Got Internet Protocol Security (IPsec) VPN to work on Fortinet Fortigate 60E Next Generation Firewall (NGFW).

6. Learnt Ping Plotter 5, which is a GUI frontend for traceroute(Linux)/tracert(Windows).

7. Learnt tcping command line utility.

8. Learnt Sophos Cloud and Sophos Endpoint Security (Sophos Intercept X Advanced).

9. Successfully setup Active Directory Domain Controller (testing only) for British-based company within a few hours. With Active directory users and security groups.

10. Installed Duplicati Backup 2.0.4.5 in Ubuntu 16.04 LTS Linux Server

11. Installed X Windowing server and GNOME desktop manager in Ubuntu 16.04 LTS Linux Server

sudo apt-get install xorg gnome

12. Installed 90-day free SSL cert on Internet Information Services 10 Web Server on Windows Server 2016 Standard.

13. Learnt a tiny wee bit (0.001 %) about Group Policy in Windows Servers (automatically map network drives/shared folders in computers and laptops that join Windows domains).

14. Learning how to deploy Fortigate-VM64 firewall virtual appliance in VMware Workstation Player from scratch (learning in progress).

15. Successfully deployed NextCloudPi VM Private Cloud Server in VMware ESXi 5.5.0 host (the user interface is a bit like Google Drive).

16. Successfully integrated NextCloud Private Cloud user authentication with LDAP/Active Directory.

17. Successfully implemented two-factor authentication (2FA) for NextCloud Private Cloud using TOTP.

18. Successfully deployed FORTIGATE-VM64 virtual firewall appliance latest version 6.0.4 with only one firewall policy and one default static route.

19. Successfully implemented site-to-site IPsec VPN tunnel between Watchguard Firebox T30 Firewall (Headquarters) and Sophos UTM (SG) Firewall in the Cloud. IPsec Phase 1 and Phase 2 settings are all correct.

20. Successfully connected to Java Virtual Console in Dell IDRAC6 for Dell Enterprise Servers with Windows command batch file, Java JAR files, Java Dynamic Link Libraries and Java Runtime Environment 6 Update 45.

21. Successfully deployed NextCloud SME/Enterprise Appliance (based on Univention Corporate Server). Successfully integrated with non-UCS Microsoft Windows Active Directory.

22. Successfully deployed site-to-site IPsec VPN tunnel between two units of Fortigate-VM64 version 5.6.8 virtual firewall appliances and VMware Workstation Pro 15.0.4.

23. Activities on 11th April 2019

a. Configured Fortigate 90D firewall (firmware version 6.0.4) from scratch

b. Re-configured Cisco 881 Router

c. Re-configured 2X Cisco Catalyst 2960X switches

d. Re-configured 3X Cisco Aironet 1600 Wireless Access Points

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24. Looked into /var/log/ on Ubuntu 16.04 LTS Server for customer

25. Successfully installed and configured automysqlbackup v3.0-rc6 on Ubuntu 16.04 LTS production server. Created cron jobs.

26. Successfully deployed ModSecurity 2.9.0 Web Application Firewall (WAF) in blocking mode on Ubuntu 16.04 LTS testing server.

27. Successfully implemented Two-factor Authentication for IPsec Remote Access VPN in Fortigate firewall.

28. Introduction to Deep Packet Inspection for firewalls, eg. ndpi-netfilter Linux Kernel module.

29. Learnt how to upgrade firmware for Watchguard Firebox T10 firewall.

30. Learnt Cobian 11 Gravity backup software for Windows.

31. Successfully configured HPE FlexNetwork MSR954-W router with basic routing and SSH access.

32. Successfully upgraded firmware of HPE FlexNetwork MSR954-W router from version 7.1.059 to 7.1.064 and enabled Web UI (https only).

33. Successfully configured Ubiquity Edge Router Lite 3 router from scratch.

34. Learnt a bit about Juniper Netscreen firewall.

35. Successfully configured Cisco 881 Router with DYNDNS Dynamic DNS Update from scratch.

36. Completed 2-hour Introduction to Fortinet and Fortigate Firewalls online course at Udemy with Certificate of Completion.

37. Learnt that UniFi Cloud Key Controller is based on Debian Linux OS. UniFi Controller cannot start due to MONGODB database error. Solved by copying out backup config files using WINSCP, upgrading the firmware from 0.6 to 0.13.10, reset to factory defaults, and finally restoring backup config file.

38. Successfully integrated Fortigate 60E firewall with LDAP Server/Active Directory Domain Controller using regular binding.

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Targeted Individuals in Japan Presents Government Mind Control Technologies (2019-05-19 11:26) - Turritopsis Dohrnii Teo En Ming

Please use Google Chrome web browser to open the following Japanese wordpress blog, and click "Translate" to translate from Japanese to English in the right side of the address bar.

[1]https://tiinjapan.wordpress.com/

1. `https://tiinjapan.wordpress.com/`

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Dr. Katherine Horton, Former Oxford University Scientist, Explains Remote Neural Monitoring (Government Mind Control Technology) (2019-05-19 11:17) - Turritopsis Dohrnii Teo En Ming

Remote Neural Monitoring allows every government in the world to read your mind and thoughts 24x7. Targeted Individuals in every country all over the world are under 24x7 Thought Surveillance.

Dr. Katherine Horton PhD, former Oxford University scientist, explains Remote Neural Monitoring (Government Mind Control Technology).

This is her YouTube video:

[1]https://www.youtube.com/watch?v=p2cH3eWVTEE

This is Dr. Katherine Horton's YouTube channel:

[2] https://www.youtube.com/channel/UCjWJntgTFLL-gPofpru _iYg

1. `https://www.youtube.com/watch?v=p2cH3eWVTEE`
2. `https://www.youtube.com/channel/UCjWJntgTFLL-gPofpru_iYg`

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The Brilliant American Mathematician John Forbes Nash Jr Was a TARGETED INDIVIDUAL

(2019-05-19 11:08) - Turritopsis Dohrnii Teo En Ming

The Brilliant American Mathematician John Forbes Nash Jr Was a TARGETED INDIVIDUAL

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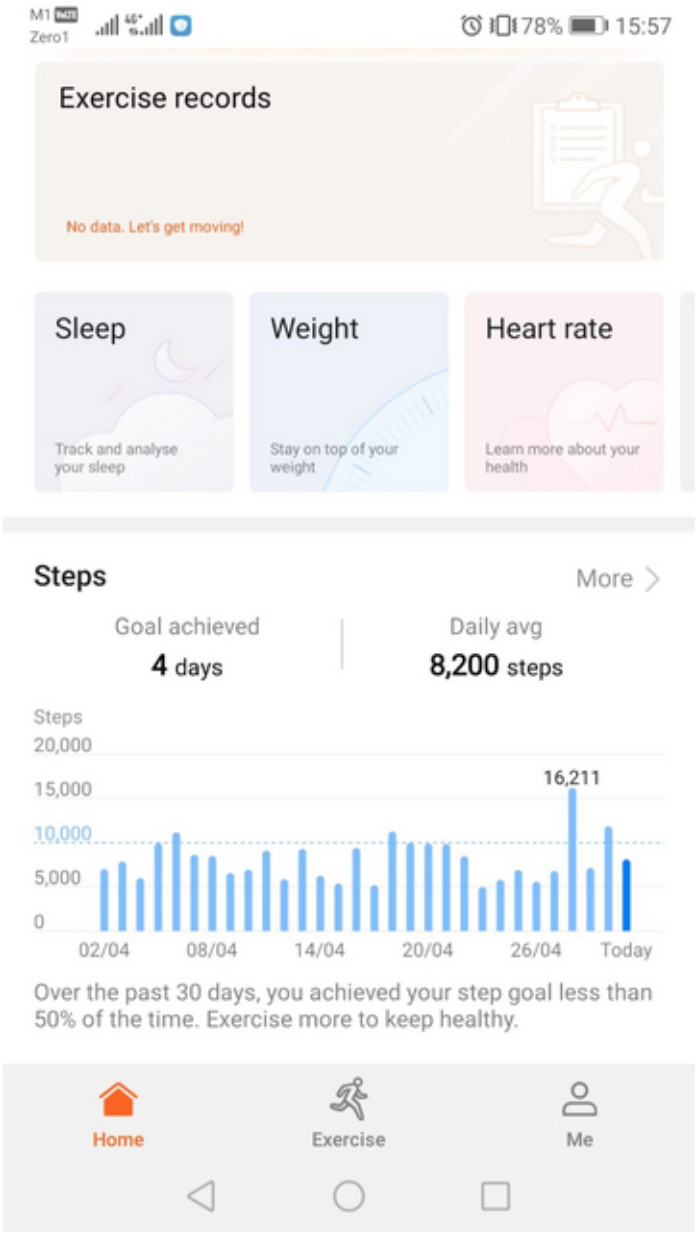
Teo En Ming's Exercise Records for April 2019 (2019-05-19 11:05) - Turritopsis Dohrnii Teo En Ming



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[DISCLOSE.TV] Something Big Blasted A Hole In Our Galaxy (2019-05-19 10:54) - Turritopsis Dohrnii Teo En Ming

[1]https://www.disclose.tv/soemthing-big-blasted-a-hole-in-our-galaxy-36750 2

1. `https://www.disclose.tv/soemthing-big-blasted-a-hole-in-our-galaxy-367502`

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[Historical Film] 1080P Full Movie /
/ / (2019-05-19 10:52) - Turritopsis Dohrnii Teo En Ming

[1]https://www.youtube.com/watch?v=GeqDjHOM3xA

1. `https://www.youtube.com/watch?v=GeqDjHOM3xA`

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[Historical Film] · The Sino-Japanese War at Sea 1894 || 1080HD

(2019-05-19 10:50) - Turritopsis Dohrnii Teo En Ming

[1]https://www.youtube.com/watch?v=7H _8 _uEIFnc

1. `https://www.youtube.com/watch?v=7H_8_uEIFnc`

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[The Straits Times] It Changed My Life: She gives up high-flying career and five-figure salary to pursue mindfulness (2019-05-19 10:45) - Turritopsis Dohrnii Teo En Ming

[1]https://www.straitstimes.com/singapore/she-gives-up-high-flying-career -to-pursue-mindfulness

1. https://www.straitstimes.com/singapore/she-gives-up-high-flying-career-to-pursue-mindfulness

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Learning Achievements as at 14th May 2019 (2019-05-14 20:14) - Turritopsis Dohrnii Teo En Ming

1. Got SSL VPN to work on Watchguard Firebox T30 Firewall.

2. Installed 90-day free Let's Encrypt Certification Authority SSL certificate on Ubuntu 16.04 LTS /testing/ server for customer successfully.

3. Successfully setup Azure Active Directory Synchronization with Office 365 for Business.

4. Learnt setting up Ubiquiti Cloud Key Controller and UniFi Access Point in a Local Area Network (LAN).

5. Got Internet Protocol Security (IPsec) VPN to work on Fortinet Fortigate 60E Next Generation Firewall (NGFW).

6. Learnt Ping Plotter 5, which is a GUI frontend for traceroute(Linux)/tracert(Windows).

7. Learnt tcping command line utility.

8. Learnt Sophos Cloud and Sophos Endpoint Security (Sophos Intercept X Advanced).

9. Successfully setup Active Directory Domain Controller (testing only) for British-based company within a few hours. With Active directory users and security groups.

10. Installed Duplicati Backup 2.0.4.5 in Ubuntu 16.04 LTS Linux Server

11. Installed X Windowing server and GNOME desktop manager in Ubuntu 16.04 LTS Linux Server

sudo apt-get install xorg gnome

12. Installed 90-day free SSL cert on Internet Information Services 10 Web Server on Windows Server 2016 Standard.

13. Learnt a tiny wee bit (0.001 %) about Group Policy in Windows Servers (automatically map network drives/shared folders in computers and laptops that join Windows domains).

14. Learning how to deploy Fortigate-VM64 firewall virtual appliance in VMware Workstation Player from scratch (learning in progress).

15. Successfully deployed NextCloudPi VM Private Cloud Server in VMware ESXi 5.5.0 host (the user interface is a bit like Google Drive).

16. Successfully integrated NextCloud Private Cloud user authentication with LDAP/Active Directory.

17. Successfully implemented two-factor authentication (2FA) for NextCloud Private Cloud using TOTP.

18. Successfully deployed FORTIGATE-VM64 virtual firewall appliance latest version 6.0.4 with only one firewall policy and one default static route.

19. Successfully implemented site-to-site IPsec VPN tunnel between Watchguard Firebox T30 Firewall (Headquarters) and Sophos UTM (SG) Firewall in the Cloud. IPsec Phase 1 and Phase 2 settings are all correct.

20. Successfully connected to Java Virtual Console in Dell IDRAC6 for Dell Enterprise Servers with Windows command batch file, Java JAR files, Java Dynamic Link Libraries and Java Runtime Environment 6 Update

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45.

21. Successfully deployed NextCloud SME/Enterprise Appliance (based on Univention Corporate Server). Successfully integrated with non-UCS Microsoft Windows Active Directory.

22. Successfully deployed site-to-site IPsec VPN tunnel between two units of Fortigate-VM64 version 5.6.8 virtual firewall appliances and VMware Workstation Pro 15.0.4.

23. Activities on 11th April 2019

a. Configured Fortigate 90D firewall (firmware version 6.0.4) from scratch
b. Re-configured Cisco 881 Router
c. Re-configured 2X Cisco Catalyst 2960X switches
d. Re-configured 3X Cisco Aironet 1600 Wireless Access Points

24. Looked into /var/log/ on Ubuntu 16.04 LTS Server for customer

25. Successfully installed and configured automysqlbackup v3.0-rc6 on Ubuntu 16.04 LTS production server. Created cron jobs.

26. Successfully deployed ModSecurity 2.9.0 Web Application Firewall (WAF) in blocking mode on Ubuntu 16.04 LTS testing server.

27. Successfully implemented Two-factor Authentication for IPsec Remote Access VPN in Fortigate firewall.

28. Introduction to Deep Packet Inspection for firewalls, eg. ndpi-netfilter Linux Kernel module.

29. Learnt how to upgrade firmware for Watchguard Firebox T10 firewall.

30. Learnt Cobian 11 Gravity backup software for Windows.

31. Successfully configured HPE FlexNetwork MSR954-W router with basic routing and SSH access.

32. Successfully upgraded firmware of HPE FlexNetwork MSR954-W router from version 7.1.059 to 7.1.064 and enabled Web UI (https only).

33. Successfully configured Ubiquity Edge Router Lite 3 router from scratch.

34. Learnt a bit about Juniper Netscreen firewall.

35. Successfully configured Cisco 881 Router with DYNDNS Dynamic DNS Update from scratch.

36. Completed 2-hour Introduction to Fortinet and Fortigate Firewalls online course at Udemy with Certificate of Completion on 13 May 2019.

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Udemy Certificate of Completion for Introduction to Fortinet and Fortigate Firewalls (2019-05-13 21:53) - Turritopsis Dohrnii Teo En Ming

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2.9 April

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YouTube Channel of Ella Free Featuring TARGETED INDIVIDUALS (2019-04-28 08:47) - Turritopsis Dohrnii Teo En Ming

[1]https://www.youtube.com/channel/UC9-Mn8xGQpTpuY-6kGQByLg

1. `https://www.youtube.com/channel/UC9-Mn8xGQpTpuY-6kGQByLg`

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Learning Achievements as at 25th April 2019 (2019-04-25 21:01) - Turritopsis Dohrnii Teo En Ming

1. Got SSL VPN to work on Watchguard Firebox T30 Firewall.

2. Installed 90-day free Let's Encrypt Certification Authority SSL certificate on Ubuntu 16.04 LTS /testing/ server for customer successfully.

3. Successfully setup Azure Active Directory Synchronization with Office 365 for Business.

4. Learnt setting up Ubiquiti Cloud Key Controller and UniFi Access Point in a Local Area Network (LAN).

5. Got Internet Protocol Security (IPsec) VPN to work on Fortinet Fortigate 60E Next Generation Firewall (NGFW).

6. Learnt Ping Plotter 5, which is a GUI frontend for traceroute(Linux)/tracert(Windows).

7. Learnt tcping command line utility.

8. Learnt Sophos Cloud and Sophos Endpoint Security (Sophos Intercept X Advanced).

9. Successfully setup Active Directory Domain Controller (testing only) for British-based company within a few hours. With Active directory users and security groups.

10. Installed Duplicati Backup 2.0.4.5 in Ubuntu 16.04 LTS Linux Server

11. Installed X Windowing server and GNOME desktop manager in Ubuntu 16.04 LTS Linux Server
sudo apt-get install xorg gnome

12. Installed 90-day free SSL cert on Internet Information Services 10 Web Server on Windows Server 2016 Standard.

13. Learnt a tiny wee bit (0.001 %) about Group Policy in Windows Servers (automatically map network drives/shared folders in computers and laptops that join Windows domains).

14. Learning how to deploy Fortigate-VM64 firewall virtual appliance in VMware Workstation Player from scratch (learning in progress).

15. Successfully deployed NextCloudPi VM Private Cloud Server in VMware ESXi 5.5.0 host (the user interface is a bit like Google Drive).

16. Successfully integrated NextCloud Private Cloud user authentication with LDAP/Active Directory.

17. Successfully implemented two-factor authentication (2FA) for NextCloud Private Cloud using TOTP.

18. Successfully deployed FORTIGATE-VM64 virtual firewall appliance latest version 6.0.4 with only one firewall policy and one default static route.

19. Successfully implemented site-to-site IPsec VPN tunnel between Watchguard Firebox T30 Firewall (Headquarters) and Sophos UTM (SG) Firewall in the Cloud. IPsec Phase 1 and Phase 2 settings are all correct.

20. Successfully connected to Java Virtual Console in Dell IDRAC6 for Dell Enterprise Servers with Windows command batch file, Java JAR files, Java Dynamic Link Libraries and Java Runtime Environment 6 Update 45.

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21. Successfully deployed NextCloud SME/Enterprise Appliance (based on Univention Corporate Server). Successfully integrated with non-UCS Microsoft Windows Active Directory.

22. Successfully deployed site-to-site IPsec VPN tunnel between two units of Fortigate-VM64 version 5.6.8 virtual firewall appliances and VMware Workstation Pro 15.0.4.

23. Activities on 11th April 2019
a. Configured Fortigate 90D firewall (firmware version 6.0.4) from scratch
b. Re-configured Cisco 881 Router
c. Re-configured 2X Cisco Catalyst 2960X switches
d. Re-configured 3X Cisco Aironet 1600 Wireless Access Points

24. Looked into /var/log/ on Ubuntu 16.04 LTS Server for customer

25. Successfully installed and configured automysqlbackup v3.0-rc6 on Ubuntu 16.04 LTS production server. Created cron jobs.

26. Successfully deployed ModSecurity 2.9.0 Web Application Firewall (WAF) in blocking mode on Ubuntu 16.04 LTS testing server.

27. Successfully implemented Two-factor Authentication for IPsec Remote Access VPN in Fortigate firewall.

28. Introduction to Deep Packet Inspection for firewalls, eg. ndpi-netfilter Linux Kernel module.

29. Learnt how to upgrade firmware for Watchguard Firebox T10 firewall.

30. Learnt Cobian 11 Gravity backup software for Windows.

31. Successfully configured HPE FlexNetwork MSR954-W router with basic routing and SSH access.

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Dr. Katherine Horton, Former Oxford University Scientist, Explains Remote Neural Monitoring (Mind Control Technology) (2019-04-22 20:52) - Turritopsis Dohrnii Teo En Ming

Dr. Katherine Horton, former Oxford University scientist, explains Remote Neural Monitoring (Mind Control Technology).

This is her YouTube video:

[1]https://www.youtube.com/watch?v=p2cH3eWVTEE

This is Dr. Katherine Horton's YouTube channel:

[2]https://www.youtube.com/channel/UCjWJntgTFLL-gPofpru _iYg

1. `https://www.youtube.com/watch?v=p2cH3eWVTEE`
2. `https://www.youtube.com/channel/UCjWJntgTFLL-gPofpru_iYg`

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Teo En Ming is the Number One Computer Expert in the World (2019-04-18 22:53) - Turritopsis Dohrnii Teo En Ming

Edward Joseph Snowden does not even come close. Aliens are also no match for Teo En Ming.

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Learning Achievements as at 18th April 2019 (2019-04-18 22:19) - Turritopsis Dohrnii Teo En Ming

1. Got SSL VPN to work on Watchguard Firebox T30 Firewall.

2. Installed 90-day free Let's Encrypt Certification Authority SSL certificate on Ubuntu 16.04 LTS /testing/ server for customer successfully.

3. Successfully setup Azure Active Directory Synchronization with Office 365 for Business.

4. Learnt setting up Ubiquiti Cloud Key Controller and UniFi Access Point in a Local Area Network (LAN).

5. Got Internet Protocol Security (IPsec) VPN to work on Fortinet Fortigate 60E Next Generation Firewall (NGFW).

6. Learnt Ping Plotter 5, which is a GUI frontend for traceroute(Linux)/tracert(Windows).

7. Learnt tcping command line utility.

8. Learnt Sophos Cloud and Sophos Endpoint Security (Sophos Intercept X Advanced).

9. Successfully setup Active Directory Domain Controller (testing only) for British-based company within a few hours. With Active directory users and security groups.

10. Installed Duplicati Backup 2.0.4.5 in Ubuntu 16.04 LTS Linux Server

11. Installed X Windowing server and GNOME desktop manager in Ubuntu 16.04 LTS Linux Server

sudo apt-get install xorg gnome

12. Installed 90-day free SSL cert on Internet Information Services 10 Web Server on Windows Server 2016 Standard.

13. Learnt a tiny wee bit (0.001 %) about Group Policy in Windows Servers (automatically map network drives/shared folders in computers and laptops that join Windows domains).

14. Learning how to deploy Fortigate-VM64 firewall virtual appliance in VMware Workstation Player from scratch (learning in progress).

15. Successfully deployed NextCloudPi VM Private Cloud Server in VMware ESXi 5.5.0 host (the user interface is a bit like Google Drive).

16. Successfully integrated NextCloud Private Cloud user authentication with LDAP/Active Directory.

17. Successfully implemented two-factor authentication (2FA) for NextCloud Private Cloud using TOTP.

18. Successfully deployed FORTIGATE-VM64 virtual firewall appliance latest version 6.0.4 with only one firewall policy and one default static route.

19. Successfully implemented site-to-site IPsec VPN tunnel between Watchguard Firebox T30 Firewall (Headquarters) and Sophos UTM (SG) Firewall in the Cloud. IPsec Phase 1 and Phase 2 settings are all correct.

20. Successfully connected to Java Virtual Console in Dell IDRAC6 for Dell Enterprise Servers with Windows command batch file, Java JAR files, Java Dynamic Link Libraries and Java Runtime Environment 6 Update 45.

21. Successfully deployed NextCloud SME/Enterprise Appliance (based on Univention Corporate Server). Successfully integrated with non-UCS Microsoft Windows Active Directory.

22. Successfully deployed site-to-site IPsec VPN tunnel between two units of Fortigate-VM64 version 5.6.8 virtual firewall appliances and VMware Workstation Pro 15.0.4.

23. Activities on 11th April 2019

a. Configured Fortigate 90D firewall (firmware version 6.0.4) from scratch

b. Re-configured Cisco 881 Router

c. Re-configured 2X Cisco Catalyst 2960X switches

d. Re-configured 3X Cisco Aironet 1600 Wireless Access Points

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24. Looked into /var/log/ on Ubuntu 16.04 LTS Server for customer

25. Successfully installed and configured automysqlbackup v3.0-rc6 on Ubuntu 16.04 LTS production server. Created cron jobs.

26. Successfully deployed ModSecurity 2.9.0 Web Application Firewall (WAF) in blocking mode on Ubuntu 16.04 LTS testing server.

27. Successfully deployed network infrastructure consisting of Cisco 881 router, Fortigate 90D firewall, 2 units of Cisco Catalyst 2960X switches and 3 units of Cisco Aironet 1600 Wireless Access Points for customer on 18 Apr 2019.

28. Successfully setup Two-Factor Authentication for IPsec Mobile VPN on Fortigate 60E firewall for London-based customer on 18 Apr 2019, within half an hour.

29. Learning sqlmap web application vulnerability scanner in progress.

30. Learning Nessus 8.3.1 vulnerability scanner in progress.

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Learning Achievements as at 16th April 2019 (2019-04-16 22:10) - Turritopsis Dohrnii Teo En Ming

1. Got SSL VPN to work on Watchguard Firebox T30 Firewall.

2. Installed 90-day free Let's Encrypt Certification Authority SSL certificate on Ubuntu 16.04 LTS /testing/ server for customer successfully.

3. Successfully setup Azure Active Directory Synchronization with Office 365 for Business.

4. Learnt setting up Ubiquiti Cloud Key Controller and UniFi Access Point in a Local Area Network (LAN).

5. Got Internet Protocol Security (IPsec) VPN to work on Fortinet Fortigate 60E Next Generation Firewall (NGFW).

6. Learnt Ping Plotter 5, which is a GUI frontend for traceroute(Linux)/tracert(Windows).

7. Learnt tcping command line utility.

8. Learnt Sophos Cloud and Sophos Endpoint Security (Sophos Intercept X Advanced).

9. Successfully setup Active Directory Domain Controller (testing only) for British-based company within a few hours. With Active directory users and security groups.

10. Installed Duplicati Backup 2.0.4.5 in Ubuntu 16.04 LTS Linux Server

11. Installed X Windowing server and GNOME desktop manager in Ubuntu 16.04 LTS Linux Server

sudo apt-get install xorg gnome

12. Installed 90-day free SSL cert on Internet Information Services 10 Web Server on Windows Server 2016 Standard.

13. Learnt a tiny wee bit (0.001 %) about Group Policy in Windows Servers (automatically map network drives/shared folders in computers and laptops that join Windows domains).

14. Learning how to deploy Fortigate-VM64 firewall virtual appliance in VMware Workstation Player from scratch (learning in progress).

15. Successfully deployed NextCloudPi VM Private Cloud Server in VMware ESXi 5.5.0 host (the user interface is a bit like Google Drive).

16. Successfully integrated NextCloud Private Cloud user authentication with LDAP/Active Directory.

17. Successfully implemented two-factor authentication (2FA) for NextCloud Private Cloud using TOTP.

18. Successfully deployed FORTIGATE-VM64 virtual firewall appliance latest version 6.0.4 with only one firewall policy and one default static route.

19. Successfully implemented site-to-site IPsec VPN tunnel between Watchguard Firebox T30 Firewall (Headquarters) and Sophos UTM (SG) Firewall in the Cloud. IPsec Phase 1 and Phase 2 settings are all correct.

20. Successfully connected to Java Virtual Console in Dell IDRAC6 for Dell Enterprise Servers with Windows command batch file, Java JAR files, Java Dynamic Link Libraries and Java Runtime Environment 6 Update 45.

21. Successfully deployed NextCloud SME/Enterprise Appliance (based on Univention Corporate Server). Successfully integrated with non-UCS Microsoft Windows Active Directory.

22. Successfully deployed site-to-site IPsec VPN tunnel between two units of Fortigate-VM64 version 5.6.8 virtual firewall appliances and VMware Workstation Pro 15.0.4.

23. Activities on 11th April 2019

a. Configured Fortigate 90D firewall (firmware version 6.0.4) from scratch

b. Re-configured Cisco 881 Router

c. Re-configured 2X Cisco Catalyst 2960X switches

d. Re-configured 3X Cisco Aironet 1600 Wireless Access Points

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25. Successfully installed and configured automysqlbackup v3.0-rc6 on Ubuntu 16.04 LTS production server. Created cron jobs.

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List of Cities Which Teo En Ming Has Visited (2019-04-14 09:40) - Turritopsis Dohrnii Teo En Ming

Subject/Topic: List of Cities Which Teo En Ming Has Visited
==========

Teo En Ming is now 41 years old as at 14th April 2019 Saturday.

1. Johor Bahru, Malaysia (a few times over the past 41 years)

2. Kuala Lumpur, Malaysia (a few times over the past 41 years)

3. Sepang International Circuit, Malaysia (a few times over the past 41 years)

4. Penang, Malaysia (one time over the past 41 years)

5. Bangkok, Thailand (a few times over the past 41 years)

6. Hong Kong, China (one time over the past 41 years)

7. Macao, China (one time over the past 41 years)

8. Shenzhen, China (one time over the past 41 years)

9. Kaohsiung, Taiwan (one time over the past 41 years)

10. Taipei, Taiwan (two times over the past 41 years)

11. Tokyo Metropolitan City, Japan (one time over the past 41 years)

Subject/Topic: List of Countries Which Teo En Ming Has *NEVER* Visited
==========

Most Singaporeans are well-travelled and travel frequently except for Teo En Ming, who is a Targeted Individual in Singapore.

Most of the Targeted Individuals all over the world are usually financially strained.

1. USA

2. Canada

3. Australia

4. New Zealand

5. All European Union Countries

6. South Korea

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List of Cities Which Teo En Ming Has Visited (2019-04-13 08:24) - Turritopsis Dohrnii Teo En Ming

Subject/Topic: List of Cities Which Teo En Ming Has Visited
==========

Teo En Ming is now 41 years old as at 13th April 2019 Saturday.

1. Johor Bahru, Malaysia (a few times over the past 41 years)
2. Kuala Lumpur, Malaysia (a few times over the past 41 years)
3. Penang, Malaysia (one time over the past 41 years)
4. Bangkok, Thailand (a few times over the past 41 years)
5. Hong Kong, China (one time over the past 41 years)
6. Macao, China (one time over the past 41 years)
7. Shenzhen, China (one time over the past 41 years)
8. Kaohsiung, Taiwan (one time over the past 41 years)
9. Taipei, Taiwan (two times over the past 41 years)
10. Tokyo, Japan (one time over the past 41 years)

Subject/Topic: List of Countries Which Teo En Ming Has *Never* Visited
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Most Singaporeans are well-travelled except for Teo En Ming, who is a Targeted Individual in Singapore.

Targeted Individuals all over the world are usually financially strained.

1. USA
2. Canada
3. Australia
4. New Zealand
5. All European Countries
6. South Korea

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Teo En Ming is the Number One Computer Expert in the World (2019-04-13 08:09) - Turritopsis Dohrnii Teo En Ming

Edward Joseph Snowden does not even come close. Aliens are also no match for Teo En Ming.

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Top Five Beauties of the World 2019 (2019-04-13 08:05) - Turritopsis Dohrnii Teo En Ming

World Beauties Rankings 2019

1. Li Yitong
2. Zhao Liying
3. Vivian Hsu
4. Liu Yifei
5. Gigi Leung

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Dear Aliens, Please Contact Me (2019-04-12 23:39) - Turritopsis Dohrnii Teo En Ming

Dear Aliens,

Please contact me.

My email address is teo.en.ming@planet-earth.the-solar-system.milky-way-galaxy.universe.multiverse

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Teo En Ming's Idols (2019-04-12 23:36) - Turritopsis Dohrnii Teo En Ming

1. Wudang Mountains' Zhang Sanfeng, 307 years old??
2. Monk in Journey to the West TV drama (2009 series), 270 years old

3. Great Britain's Prince Philip, 97 years old

4. Former US President Jimmy Carter, 94 years old

5. Malaysia's Prime Minister Dr Mahathir, 93 years old

6. Queen Elizabeth II of the United Kingdom, 92 years old

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Teo En Ming's Fortigate-VM64 Site-to-Site IPsec VPN Tunnel Manual v1.0 (2019-04-12 23:31) - Turritopsis Dohrnii Teo En Ming

[1]https://lkml.org/lkml/2019/4/9/476

1. https://lkml.org/lkml/2019/4/9/476

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Learning Achievements as at 12th April 2019 (2019-04-12 22:43) - Turritopsis Dohrnii Teo En Ming

1. Got SSL VPN to work on Watchguard Firebox T30 Firewall.

2. Installed 90-day free Let's Encrypt Certification Authority SSL certificate on Ubuntu 16.04 LTS /testing/ server for customer successfully.

3. Successfully setup Azure Active Directory Synchronization with Office 365 for Business.

4. Learnt setting up Ubiquiti Cloud Key Controller and UniFi Access Point in a Local Area Network (LAN).

5. Got Internet Protocol Security (IPsec) VPN to work on Fortinet Fortigate 60E Next Generation Firewall (NGFW).

6. Learnt Ping Plotter 5, which is a GUI frontend for traceroute(Linux)/tracert(Windows).

7. Learnt tcping command line utility.

8. Learnt Sophos Cloud and Sophos Endpoint Security (Sophos Intercept X Advanced).

9. Successfully setup Active Directory Domain Controller (testing only) for British-based company within a few hours. With Active directory users and security groups.

10. Installed Duplicati Backup 2.0.4.5 in Ubuntu 16.04 LTS Linux Server

11. Installed X Windowing server and GNOME desktop manager in Ubuntu 16.04 LTS Linux Server

sudo apt-get install xorg gnome

12. Installed 90-day free SSL cert on Internet Information Services 10 Web Server on Windows Server 2016 Standard.

13. Learnt a tiny wee bit (0.001 %) about Group Policy in Windows Servers (automatically map network drives/shared folders in computers and laptops that join Windows domains).

14. Learning how to deploy Fortigate-VM64 firewall virtual appliance in VMware Workstation Player from scratch (learning in progress).

15. Successfully deployed NextCloudPi VM Private Cloud Server in VMware ESXi 5.5.0 host (the user interface is a bit like Google Drive).

16. Successfully integrated NextCloud Private Cloud user authentication with LDAP/Active Directory.

17. Successfully implemented two-factor authentication (2FA) for NextCloud Private Cloud using TOTP.

18. Successfully deployed FORTIGATE-VM64 virtual firewall appliance latest version 6.0.4 with only one firewall policy and one default static route.

19. Successfully implemented site-to-site IPsec VPN tunnel between Watchguard Firebox T30 Firewall (Headquarters) and Sophos UTM (SG) Firewall in the Cloud. IPsec Phase 1 and Phase 2 settings are all correct.

20. Successfully connected to Java Virtual Console in Dell IDRAC6 for Dell Enterprise Servers with Windows command batch file, Java JAR files, Java Dynamic Link Libraries and Java Runtime Environment 6 Update 45.

21. Successfully deployed NextCloud SME/Enterprise Appliance (based on Univention Corporate Server). Successfully integrated with non-UCS Microsoft Windows Active Directory.

22. Successfully deployed site-to-site IPsec VPN tunnel between two units of Fortigate-VM64 version 5.6.8 virtual firewall appliances and VMware Workstation Pro 15.0.4.

23. Activities on 11th April 2019

a. Configured Fortigate 90D firewall (firmware version 6.0.4) from scratch

b. Re-configured Cisco 881 Router

c. Re-configured 2X Cisco Catalyst 2960X switches

d. Re-configured 3X Cisco Aironet 1600 Wireless Access Points

24. Looked into /var/log/ on Ubuntu 16.04 LTS Server for customer

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2017 MV ( ) (2019-04-12 22:33) - Turritopsis Dohrnii Teo En Ming

[1]https://www.youtube.com/watch?v=1FEp1x0I6sM

1. `https://www.youtube.com/watch?v=1FEp1x0I6sM`

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How to Deploy Site-to-Site IPsec VPN Tunnel with Fortigate-VM64 5.6.8 Virtual Firewall Appliances and VMware Workstation Pro 15.0.4 (2019-04-09 22:25) - Turritopsis Dohrnii Teo En Ming

Multiple Links to PDF Manual version 1.0 (47 pages)
==========

1. DocDroid Link

[1]https://www.docdroid.net/XqcbEhQ/teo-en-ming-fortigate-vm-site-to-site-i psec-vpn-manual-v10.pdf

2. Google Drive Link

[2]https://drive.google.com/open?id=1S6JOyUs9ic2jBUQa-L5Xzv3bMpyjEWas

3. Microsoft OneDrive Link

[3]https://1drv.ms/b/s!ArahPxJAVR61hRCjv7-l5Xt2q6TV

4. Scribd Link (Low Quality PDF)

[4]https://www.scribd.com/document/405589802/Teo-En-Ming-s-Fortigate-VM64 -Site-To-Site-IPsec-VPN-Tunnel-Manual-v1-0

5. DocHub Link

[5]https://dochub.com/enmingteo/rag2NZ/teo-en-ming-fortigate-vm-site-to-s ite-ipsec-vpn-manual-v1-0-pdf?dt=RhaC2bQZsxhbR3jyZ6nt

1. https://www.docdroid.net/XqcbEhQ/teo-en-ming-fortigate-vm-site-to-site-ipsec-vpn-manual-v10.pdf
2. https://drive.google.com/open?id=1S6JOyUs9ic2jBUQa-L5Xzv3bMpyjEWas
3. https://1drv.ms/b/s!ArahPxJAVR61hRCjv7-l5Xt2q6TV
4. https://www.scribd.com/document/405589802/Teo-En-Ming-s-Fortigate-VM64-Site-To-Site-IPsec-VPN-Tunnel-Manual-v1-0
5. https://dochub.com/enmingteo/rag2NZ/teo-en-ming-fortigate-vm-site-to-site-ipsec-vpn-manual-v1-0-pdf?dt=RhaC2bQZsxhbR3jyZ6nt

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Learning Achievements as at 8th April 2019 (2019-04-09 07:42) - Turritopsis Dohrnii Teo En Ming

1. Got SSL VPN to work on Watchguard Firebox T30 Firewall.

2. Installed 90-day free Let's Encrypt Certification Authority SSL certificate on Ubuntu 16.04 LTS /testing/ server for customer successfully.

3. Successfully setup Azure Active Directory Synchronization with Office 365 for Business.

4. Learnt setting up Ubiquiti Cloud Key Controller and UniFi Access Point in a Local Area Network (LAN).

5. Got Internet Protocol Security (IPsec) VPN to work on Fortinet Fortigate 60E Next Generation Firewall (NGFW).

6. Learnt Ping Plotter 5, which is a GUI frontend for traceroute(Linux)/tracert(Windows).

7. Learnt tcping command line utility.

8. Learnt Sophos Cloud and Sophos Endpoint Security (Sophos Intercept X Advanced).

9. Successfully setup Active Directory Domain Controller (testing only) for British-based company within a few hours. With Active directory users and security groups.

10. Installed Duplicati Backup 2.0.4.5 in Ubuntu 16.04 LTS Linux Server

11. Installed X Windowing server and GNOME desktop manager in Ubuntu 16.04 LTS Linux Server
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12. Installed 90-day free SSL cert on Internet Information Services 10 Web Server on Windows Server 2016 Standard.

13. Learnt a tiny wee bit (0.001 %) about Group Policy in Windows Servers (automatically map network drives/shared folders in computers and laptops that join Windows domains).

14. Learning how to deploy Fortigate-VM64 firewall virtual appliance in VMware Workstation Player from scratch (learning in progress).

15. Successfully deployed NextCloudPi VM Private Cloud Server in VMware ESXi 5.5.0 host (the user interface is a bit like Google Drive).

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21. Successfully deployed NextCloud SME/Enterprise Appliance (based on Univention Corporate Server). Successfully integrated with non-UCS Microsoft Windows Active Directory.

22. Successfully deployed site-to-site IPsec VPN tunnel between two units of Fortigate-VM64 version 5.6.8 virtual firewall appliances and VMware Workstation Pro 15.0.4.

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Teo En Ming is the Number One Computer Expert in the World (2019-04-06 14:51) - Turritopsis Dohrnii Teo En Ming

Edward Joseph Snowden does not even come close.

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Teo En Ming's Achievements in the Year 2018 (2019-04-06 14:48) - Turritopsis Dohrnii Teo En Ming

Achievement No. 1
==========

Setting up my own Microsoft Exchange 2016 Cumulative Update 10 Email Server on-premise. It consists of one Domain Controller and a Domain Member Server.

Achievement No. 2
==========

Setting up my own cPanel Web Hosting Control Panel in Amazon Web Services (AWS) Cloud. It consists of two DNS-ONLY servers and one Virtual server.

Achievement No. 3
==========

Setting up my own Experimental e-Commerce Online Store using WooCommerce in Amazon Web Services (AWS) Cloud.

Achievement No. 4
==========

Creating my own custom minimal Linux distribution from source code, dubbed Teo En Ming Extremely Simple Linux 1810.11.

YouTube video: https://www.youtube.com/watch?v=L5da1xdQ7Kw

Achievement No. 5
==========

Deployed Dell SonicWall TZ400 network security appliance for one customer at Ubi and Dell SonicWall TZ300 network security appliance for another customer at Tuas.

Achievement No. 6
==========

Deployed open source firewalls like pfSense Community Edition (comparable to commercial grade firewalls) and ipfire for myself.

Achievement No. 7
==========

Deployed an operational open source Snort Intrusion Prevention System (IPS) for myself.

Achievement No. 8
==========

Setting up SonicWall Global VPN for one customer at Ubi.

Achievement No. 9
==========

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Setting up IPsec VPN, OpenVPN and PPTP VPN for a shipping company at Beach Road.

Achievement No. 10
==========

Installed Windows Server 2016 Standard on Lenovo System x 3250 M6 Server and HP Proliant DL360 Gen10 Server with RAID 1 and RAID 5 configurations.

Achievement No. 11
==========

Setting up Active Directory Domain Services, DNS Server and Windows File Sharing.

Achievement No. 12
==========

Deployed Ruckus Unleashed Network Wireless Access Points for customers at Tuas and a bungalow.

Achievement No. 13
==========

Upgraded Symantec Endpoint Protection Manager (Management Console) from version 12.1 to 14.2.0 MP1 for a customer at Downtown Core.

Achievement No. 14
==========

Setting up Avast Business Antivirus Cloud Management Console and installing managed Avast Business Antivirus clients for a customer at Suntec City.

Achievement No. 15
==========

Experience with numerous Cloud Service Providers, e.g., Amazon Web Services, Google Cloud Platform, Microsoft Azure and Alibaba Cloud.

Achievement No. 16
==========

Some limited experience with open source Elastix Public Branch Exchange (PBX) Server for a customer at Senoko.

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Learning Achievements as at 5th April 2019 (2019-04-06 10:28) - Turritopsis Dohrnii Teo En Ming

1. Got SSL VPN to work on Watchguard Firebox T30 Firewall.

2. Installed 90-day free Let's Encrypt Certification Authority SSL certificate on Ubuntu 16.04 LTS /testing/ server for customer successfully.

3. Successfully setup Azure Active Directory Synchronization with Office 365 for Business.

4. Learnt setting up Ubiquiti Cloud Key Controller and UniFi Access Point in a Local Area Network (LAN).

5. Got Internet Protocol Security (IPsec) VPN to work on Fortinet Fortigate 60E Next Generation Firewall (NGFW).

6. Learnt Ping Plotter 5, which is a GUI frontend for traceroute(Linux)/tracert(Windows).

7. Learnt tcping command line utility.

8. Learnt Sophos Cloud and Sophos Endpoint Security (Sophos Intercept X Advanced).

9. Successfully setup Active Directory Domain Controller (testing only) for British-based company within a few hours. With Active directory users and security groups.

10. Installed Duplicati Backup 2.0.4.5 in Ubuntu 16.04 LTS Linux Server

11. Installed X Windowing server and GNOME desktop manager in Ubuntu 16.04 LTS Linux Server
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12. Installed 90-day free SSL cert on Internet Information Services 10 Web Server on Windows Server 2016 Standard.

13. Learnt a tiny wee bit (0.001 %) about Group Policy in Windows Servers (automatically map network drives/shared folders in computers and laptops that join Windows domains).

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Teo En Ming is the John Forbes Nash of Singapore (2019-04-05 07:26) - Turritopsis Dohrnii Teo En Ming

Teo En Ming is the John Forbes Nash of Singapore

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Teo En Ming is the Edward Joseph Snowden of Singapore (2019-04-05 07:24) - Turritopsis Dohrnii Teo En Ming

Teo En Ming is the Edward Joseph Snowden of Singapore

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Teo En Ming is the John Forbes Nash of Singapore (2019-04-04 07:33) - Turritopsis Dohrnii Teo En Ming

Teo En Ming is the John Forbes Nash of Singapore

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Teo En Ming is the Edward Joseph Snowden of Singapore (2019-04-04 01:08) - Turritopsis Dohrnii Teo En Ming

Teo En Ming is the Edward Joseph Snowden of Singapore

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Learning Achievements as at 4th April 2019 (2019-04-04 01:07) - Turritopsis Dohrnii Teo En Ming

1. Got SSL VPN to work on Watchguard Firebox T30 Firewall.

2. Installed 90-day free Let's Encrypt Certification Authority SSL certificate on Ubuntu 16.04 LTS /testing/ server for customer successfully.

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Teo En Ming's Idols (2019-04-03 07:43) - Turritopsis Dohrnii Teo En Ming

1. Wudang Mountains' Zhang Sanfeng, 307 years old??

2. Great Britain's Prince Philip, 97 years old

3. Former US President Jimmy Carter, 94 years old

4. Malaysia's Prime Minister Dr Mahathir, 93 years old

5. Queen Elizabeth II of the United Kingdom, 92 years old

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Learning Achievements as at 2nd April 2019 (2019-04-02 20:21) - Turritopsis Dohrnii Teo En Ming

Learning Achievements as at 2nd April 2019

1. Got SSL VPN to work on Watchguard Firebox T30 Firewall.

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12. Installed 90-day free SSL cert on Internet Information Services 10 Web Server on Windows Server 2016 Standard.

13. Learnt a tiny wee bit (0.001 %) about Group Policy in Windows Servers (automatically map network drives/shared folders in computers and laptops that join Windows domains).

14. Learning how to deploy Fortigate-VM64 firewall virtual appliance in VMware Workstation Player from scratch (learning in progress).

15. Successfully deployed NextCloudPi VM Private Cloud Server in VMware ESXi 5.5.0 host (the user interface is a bit like Google Drive).

16. Successfully integrated NextCloud Private Cloud user authentication with LDAP/Active Directory.

17. Successfully implemented two-factor authentication (2FA) for NextCloud Private Cloud using TOTP.

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Teo En Ming's Idols (2019-04-02 07:48) - Turritopsis Dohrnii Teo En Ming

1. Wudang Mountains' Zhang Sanfeng, 307 years old??

2. Great Britain's Prince Philip, 97 years old

3. Former US President Jimmy Carter, 94 years old

4. Malaysia's Prime Minister Dr Mahathir, 93 years old

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Learning Achievements as at 1st Apr 2019 (2019-04-01 22:35) - Turritopsis Dohrnii Teo En Ming

Learning Achievements as at 1st April 2019

1. Got SSL VPN to work on Watchguard Firebox T30 Firewall.

2. Installed 90-day free Let's Encrypt Certification Authority SSL certificate on Ubuntu 16.04 LTS /testing/ server for customer successfully.

3. Successfully setup Azure Active Directory Synchronization with Office 365 for Business.

4. Learnt setting up Ubiquiti Cloud Key Controller and UniFi Access Point in a Local Area Network (LAN).

5. Got Internet Protocol Security (IPsec) VPN to work on Fortinet Fortigate 60E Next Generation Firewall (NGFW).

6. Learnt Ping Plotter 5, which is a GUI frontend for traceroute(Linux)/tracert(Windows).

7. Learnt tcping command line utility.

8. Learnt Sophos Cloud and Sophos Endpoint Security (Sophos Intercept X Advanced).

9. Successfully setup Active Directory Domain Controller (testing only) for British-based company within a few hours. With Active directory users and security groups.

10. Installed Duplicati Backup 2.0.4.5 in Ubuntu 16.04 LTS Linux Server

11. Installed X Windowing server and GNOME desktop manager in Ubuntu 16.04 LTS Linux Server
sudo apt-get install xorg gnome

12. Installed 90-day free SSL cert on Internet Information Services 10 Web Server on Windows Server 2016 Standard.

13. Learnt a tiny wee bit (0.001 %) about Group Policy in Windows Servers (automatically map network drives/shared folders in computers and laptops that join Windows domains).

14. Learning how to deploy Fortigate-VM64 firewall virtual appliance in VMware Workstation Player from scratch (learning in progress).

15. Successfully deployed NextCloudPi VM Private Cloud Server in VMware ESXi 5.5.0 host (the user interface is a bit like Google Drive).

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I walked 20 KM for both days at Anime Festival Asia 2018 (2019-04-01 22:29) - Turritopsis Dohrnii Teo En Ming

I walked 20 KM for both days at Anime Festival Asia 2018, about 10 KM each day.

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2.10 March

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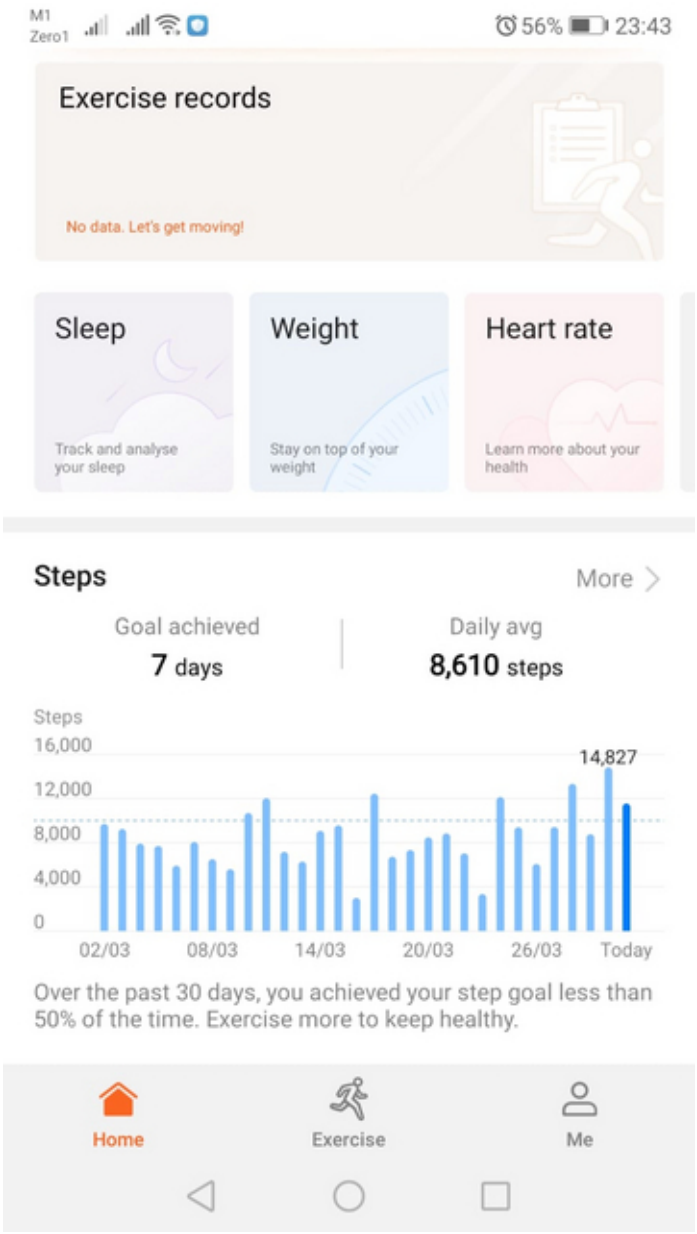
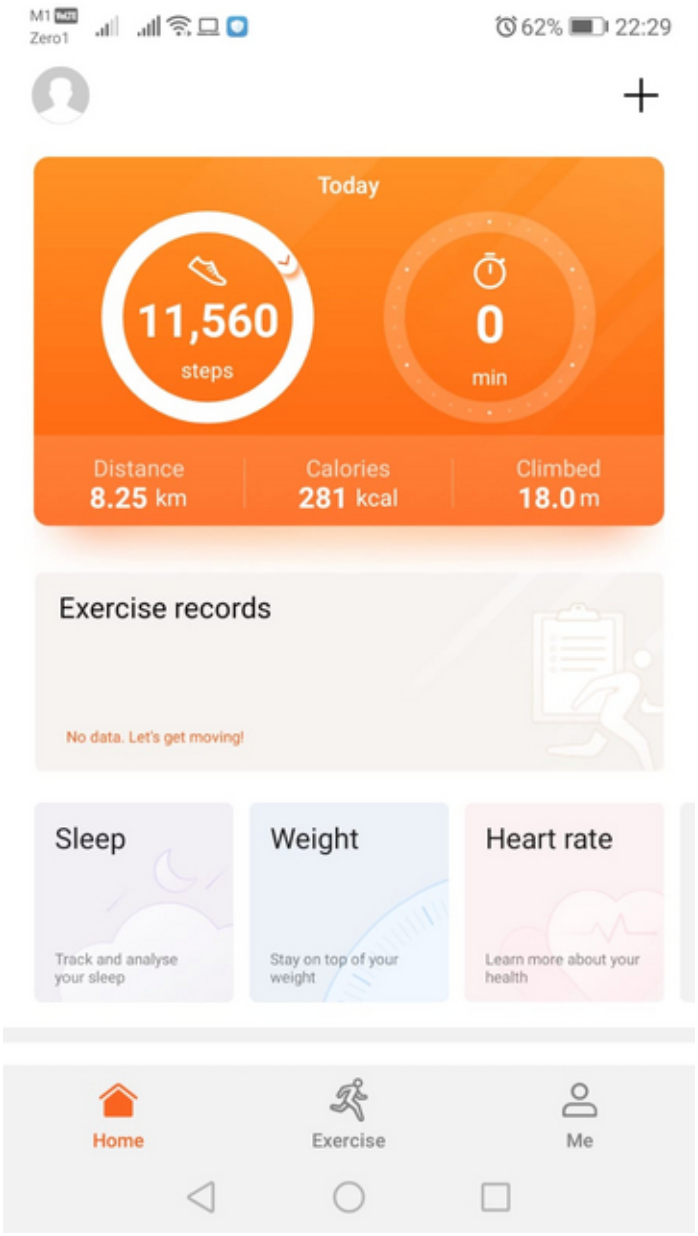
Teo En Ming's Exercise Records for Mar 2019 (2019-03-31 23:46) - Turritopsis Dohrnii Teo En Ming



I walked 11,560 steps (8.25 KM) at Sakura Matsuri Anime Garden 2019 (Sunday) (2019-03-31 23:38) - Turritopsis Dohrnii Teo En Ming

I walked 11,560 steps (8.25 KM) at Sakura Matsuri Anime Garden 2019 (Sunday)



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[Youtube] The Legend of Emperor Qian Long (2019-03-31 14:10) - Turritopsis Dohrnii Teo En Ming

[1]https://youtu.be/aLrNy2F6Y _c?t=63

1. `https://youtu.be/aLrNy2F6Y_c?t=63`

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& ft. Zhao Liying (2019-03-31 14:04) - Turritopsis Dohrnii Teo En Ming

[1]https://www.youtube.com/watch?v=blSNquYJr7o

1. `https://www.youtube.com/watch?v=blSNquYJr7o`

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The Legend of the Condor Heroes 2017 OST Jianghu Tianxia - Wang Su Long

(2019-03-31 13:53) - Turritopsis Dohrnii Teo En Ming

[1]https://www.youtube.com/watch?v=1V8mIsi8I1s

1. https://www.youtube.com/watch?v=1V8mIsi8I1s

©2020 tdtemcerts.blogspot.com

Learning Achievements as at 31 March 2019 (2019-03-31 13:44) - Turritopsis Dohrnii Teo En Ming

Learning Achievements as at 31 March 2019

1. Got SSL VPN to work on Watchguard Firebox T30 Firewall.

2. Installed 90-day free Let's Encrypt Certification Authority SSL certificate on Ubuntu 16.04 LTS /testing/ server for customer successfully.

3. Successfully setup Azure Active Directory Synchronization with Office 365 for Business.

4. Learnt setting up Ubiquiti Cloud Key Controller and UniFi Access Point in a Local Area Network (LAN).

5. Got Internet Protocol Security (IPsec) VPN to work on Fortinet Fortigate 60E Next Generation Firewall (NGFW).

6. Learnt Ping Plotter 5, which is a GUI frontend for traceroute(Linux)/tracert(Windows).

7. Learnt tcping command line utility.

8. Learnt Sophos Cloud and Sophos Endpoint Security (Sophos Intercept X Advanced).

9. Successfully setup Active Directory Domain Controller (testing only) for British-based company within a few hours. With Active directory users and security groups.

10. Installed Duplicati Backup 2.0.4.5 in Ubuntu 16.04 LTS Linux Server

11. Installed X Windowing server and GNOME desktop manager in Ubuntu 16.04 LTS Linux Server

sudo apt-get install xorg gnome

12. Installed 90-day free SSL cert on Internet Information Services 10 Web Server on Windows Server 2016 Standard.

13. Learnt a tiny wee bit (0.001 %) about Group Policy in Windows Servers (automatically map network drives/shared folders in computers and laptops that join Windows domains).

14. Learning how to deploy Fortigate-VM64 firewall virtual appliance in VMware Workstation Player from scratch (learning in progress).

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Teo En Ming's pfSense 2.4.4-p1 Firewall, IPsec VPN and Snort IPS Deployment Manual version 1.0 (2019-03-31 13:29) - Turritopsis Dohrnii Teo En Ming

[1] [1]https://forum.netgate.com/topic/141953/installing-and-configur ing-pfsense-2-4-4-p1-firewall-on-virtualbox-6-0-4-with-ipsec-remote-access-mobi le-vpn-and-snort-ips

[2] [2]https://lkml.org/lkml/2019/3/27/601

1. `https://forum.netgate.com/topic/141953/installing-and-configuring-pfsense-2-4-4-p1-firewall-on-virtualbox-6-0-4-with-ipsec-remote-access-mobile-vpn-and-snort-ip`
2. `https://lkml.org/lkml/2019/3/27/601`

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Teo En Ming's Idols (2019-03-31 13:26) - Turritopsis Dohrnii Teo En Ming

1. Wudang Mountains' Zhang Sanfeng, 307 years old??

2. Great Britain's Prince Philip, 97 years old

3. Former US President Jimmy Carter, 94 years old

4. Malaysia's Prime Minister Dr Mahathir, 93 years old

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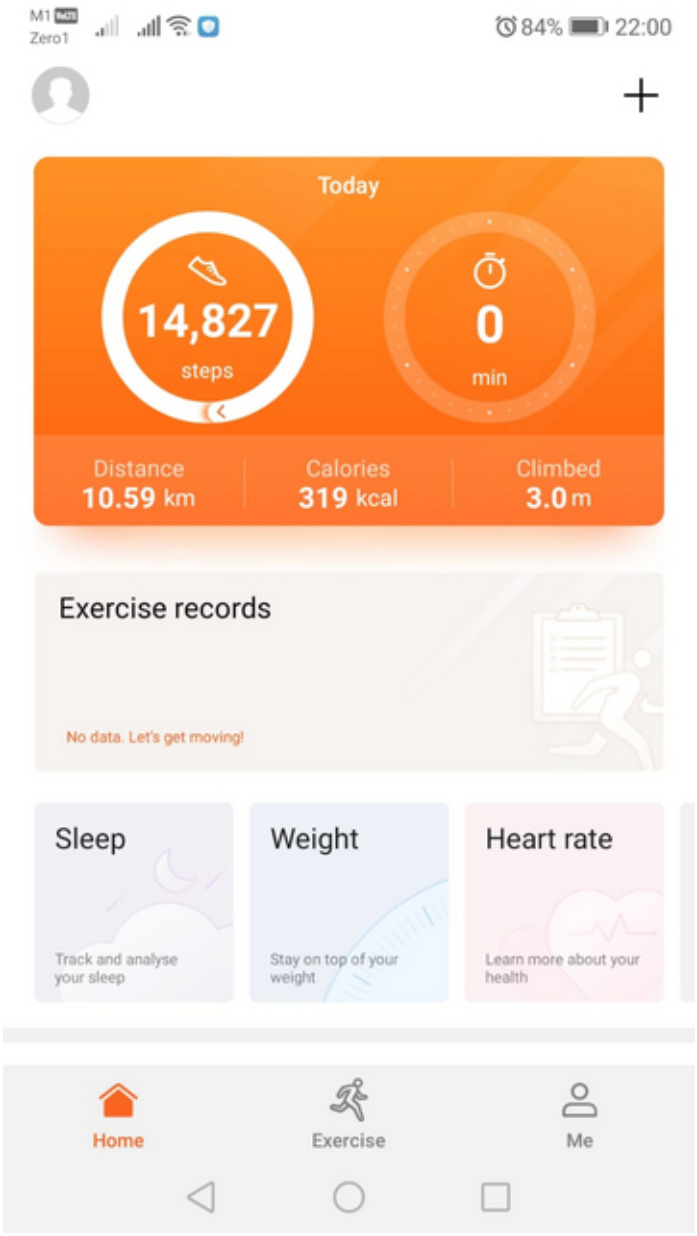
I walked 14,827 steps (10.59 km) at Sakura Matsuri Anime Garden 2019 Saturday (2019-03-31 13:19) - Turritopsis Dohrnii Teo En Ming

I walked 14,827 steps (10.59 km) at Sakura Matsuri Anime Garden 2019 Saturday



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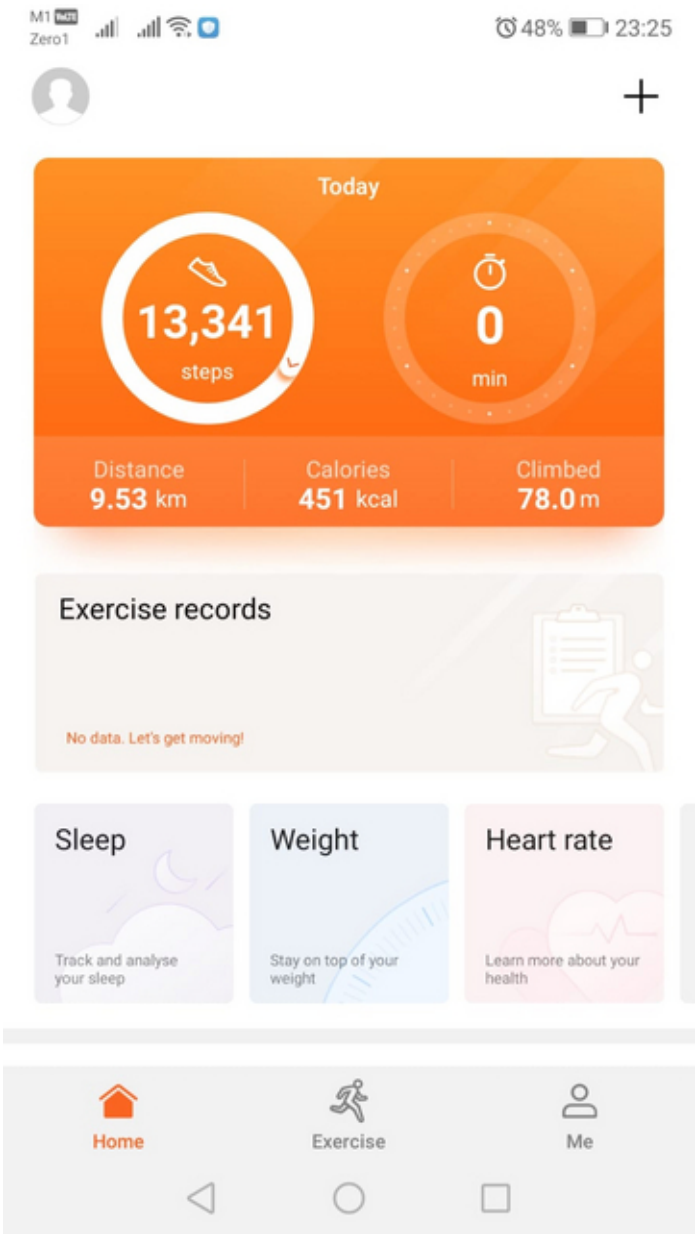
I walked 13,341 steps (9.53 km) on 28 Mar 2019 Thu (2019-03-31 13:16) - Turritopsis Dohrnii Teo En Ming

I walked 13,341 steps (9.53 km) on 28 Mar 2019 Thu.

Attending to my customer’s IT needs at Tuas.



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[Youtube] Why You Should Start Walking Every Day (2019-03-31 13:11) - Turritopsis Dohrnii Teo En Ming

[1]https://www.youtube.com/watch?v=lkgXUCgskz0

1. `https://www.youtube.com/watch?v=lkgXUCgskz0`

©2020 tdtemcerts.blogspot.com

Installing and Configuring pfSense 2.4.4-p1 Firewall on VirtualBox 6.0.4 with IPsec Remote Access Mobile VPN and Snort Intrusion Prevention System (2019-03-27 07:49) - Turritopsis Dohrnii Teo En Ming

Teo En Ming's pfSense 2.4.4-p1 Firewall Installation Manual version 1.0 (101 pages):

OneDrive Link:

[1]https://1drv.ms/b/s!ArahPxJAVR61hQ25G53nKyLZ5eXq

1. https://1drv.ms/b/s!ArahPxJAVR61hQ25G53nKyLZ5eXq

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Installing and Configuring pfSense 2.4.4-p1 Firewall on VirtualBox 6.0.4 with IPsec Remote Access Mobile VPN and Snort Intrusion Prevention System (2019-03-27 07:19) - Turritopsis Dohrnii Teo En Ming

Teo En Ming's pfSense 2.4.4-p1 Firewall Installation Manual version 1.0 (101 pages):

DocDroid Link:

[1]https://www.docdroid.net/pkHgk9V/teo-en-ming-pfsense-244-p1-firewall-i nstallation-manual-v10.pdf

Google Drive Link:

[2]https://drive.google.com/open?id=1W-h _yAxmm4iYnuzKBT8ncwk8bwZZBCw6

1. `https://www.docdroid.net/pkHgk9V/teo-en-ming-pfsense-244-p1-firewall-installation-manual-v10.pdf`
2. `https://drive.google.com/open?id=1W-h_yAxmm4iYnuzKBT8ncwk8bwZZBCw6`

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Installing and Configuring pfSense 2.4.4-p1 Firewall on VirtualBox 6.0.4 with IPsec Remote Access Mobile VPN and Snort Intrusion Prevention System (2019-03-27 01:04) - Turritopsis Dohrnii Teo En Ming

Teo En Ming's pfSense 2.4.4-p1 Firewall Installation Manual version 1.0 (101 pages):

[1]https://www.scribd.com/document/403225640/Teo-En-Ming-s-pfSense-2-4-4-p1-Firewall-Installation-Manual-version-1-0

1. https://www.scribd.com/document/403225640/Teo-En-Ming-s-pfSense-2-4-4-p1-Firewall-Installation-Manual-version-1-0

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Why You Should Start Walking Every Day (2019-03-26 22:28) - Turritopsis Dohrnii Teo En Ming

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Achievements as at 14 Mar 2019 (2019-03-14 22:50) - Turritopsis Dohrnii Teo En Ming

1. Got SSL VPN to work on Watchguard Firebox T30 Firewall.

2. Installed 90-day free Let’s Encrypt Certification Authority SSL certificate on Ubuntu 16.04 LTS *testing* server for customer successfully.

3. Successfully setup Azure Active Directory Synchronization with Office 365 for Business.

4. Learnt setting up Ubiquiti Cloud Key Controller and UniFi Access Point in a Local Area Network (LAN).

5. Got Internet Protocol Security (IPsec) VPN to work on Fortinet Fortigate firewall.

6. Learnt Ping Plotter 5, which is a GUI frontend of traceroute(Linux)/tracert(Windows).

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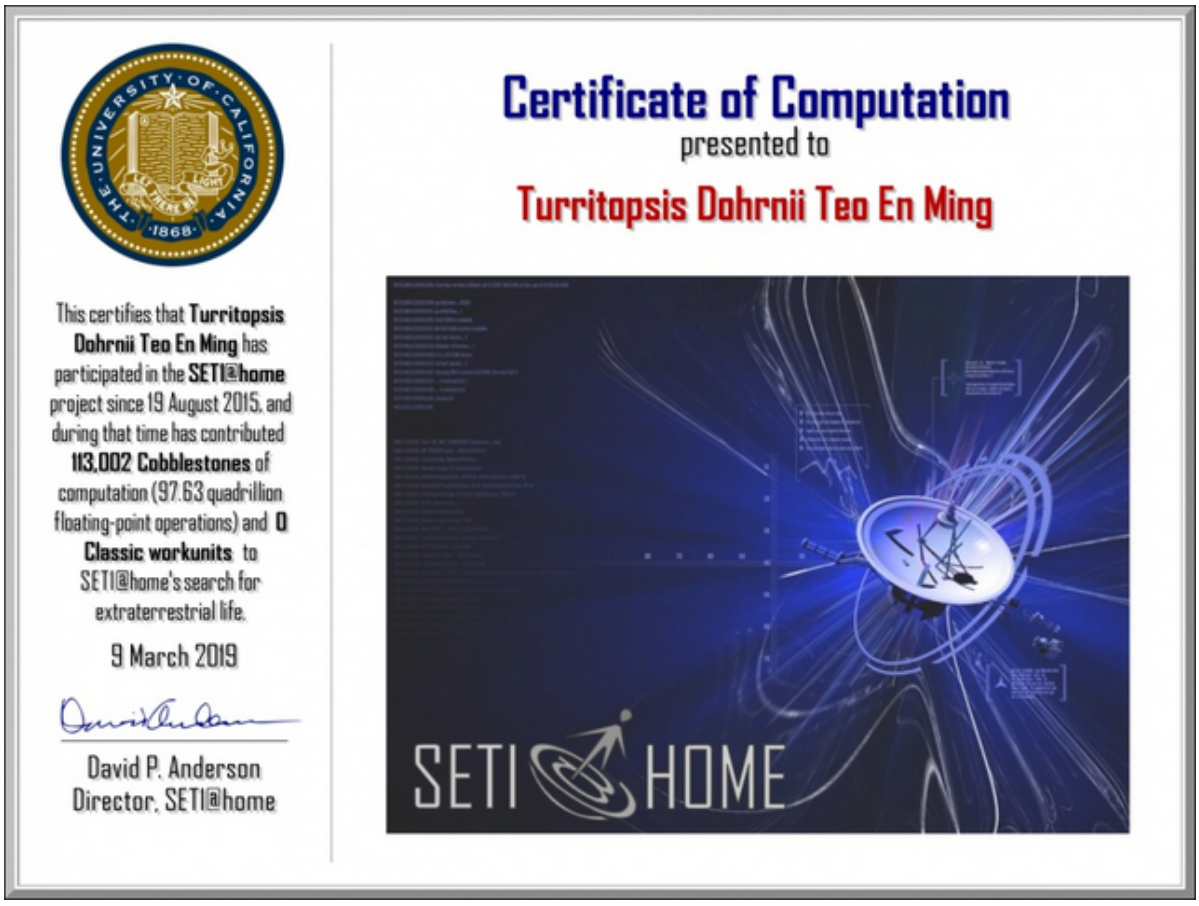
Certificate of Computation, Search for Extraterrestrial Intelligence (SETI), University of California, Berkeley, 9 Mar 2019 (2019-03-09 16:37) - Turritopsis Dohrnii Teo En Ming



Ancient Astronauts/Ancient Aliens Theory?? (2019-03-09 16:31) - Turritopsis Dohrnii Teo En Ming

Wikipedia:

[1]https://en.wikipedia.org/wiki/Ancient _astronauts

1. https://en.wikipedia.org/wiki/Ancient_astronauts

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Emperor of China Meets Guan Yin (Goddess of Mercy) (Journey to the West 2009 Episode 8)

(2019-03-09 15:27) - Turritopsis Dohrnii Teo En Ming

[1]https://youtu.be/zqlE1z40lv8?t=1788

1. `https://youtu.be/zqlE1z40lv8?t=1788`

©2020 tdtemcerts.blogspot.com

Deity Helps (Episode 14) (2019-03-09 15:07) - Turritopsis Dohrnii Teo En Ming

[1]https://youtu.be/qBLJ _xD _7Vw?t=1649

1. `https://youtu.be/qBLJ_xD_7Vw?t=1649`

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Episode 10 (2019-03-09 15:00) - Turritopsis Dohrnii Teo En Ming

[1]https://youtu.be/QPKQlPYwMsY?t=537

1. `https://youtu.be/QPKQlPYwMsY?t=537`

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Guo Jing Shares His Ideas on What a True Hero Truly Is (Legend of the Condor Heroes 2017)

(2019-03-09 14:54) - Turritopsis Dohrnii Teo En Ming

[1]https://youtu.be/DKcp-hsjbV0?t=2189

1. `https://youtu.be/DKcp-hsjbV0?t=2189`

©2020 tdtemcerts.blogspot.com

Hong Qigong's Wisdom (Legend of the Condor Heroes 2017) (2019-03-09 14:46) - Turritopsis Dohrnii Teo En Ming

[1]https://youtu.be/ _NARENyO7yg?t=2225

1. `https://youtu.be/_NARENyO7yg?t=2225`

©2020 tdtemcerts.blogspot.com

(2019-03-09 14:39) - Turritopsis Dohrnii Teo En Ming

[1]https://www.youtube.com/watch?v=NcNOfgLL4z0

1. `https://www.youtube.com/watch?v=NcNOfgLL4z0`

©2020 tdtemcerts.blogspot.com

Jackie Chan & Kim Hee Seon - The Myth Theme Song "Endless Love" (2019-03-09 14:33) - Turritopsis Dohrnii Teo En Ming

[1]https://www.youtube.com/watch?v=mtY8E _7eF1o

1. `https://www.youtube.com/watch?v=mtY8E_7eF1o`

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The Legend of the Condor Heroes 2017 Original Sound Tracks (2019-03-09 13:27) - Turritopsis Dohrnii Teo En Ming

[1]https://www.youtube.com/watch?v=EETEEn3hkdY

1. `https://www.youtube.com/watch?v=EETEEn3hkdY`

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Quote of the Day (2019-03-05 21:42) - Turritopsis Dohrnii Teo En Ming

Life, Liberty and the Pursuit of Happiness.

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40+ year old Property Agent Philip has more than $150,000 of CPF Savings (2019-03-05 21:38) - Turritopsis Dohrnii Teo En Ming

40+ year old property agent Philip (as at 5 Mar 2019) told me he has more than $150,000 of CPF savings. CPF is a "pension fund" in Singapore.

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Prudential Commercial: Health is the Ultimate Wealth (2019-03-03 23:35) - Turritopsis Dohrnii Teo En Ming

Prudential Commercial: Health is the Ultimate Wealth

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Michelle Yim Sharing Session: Health, Beauty and Exercise Tips (2019-03-03 23:33) - Turritopsis Dohrnii Teo En Ming

Subject/topic: Michelle Yim Sharing Session: Health, Beauty and Exercise Tips

Although Michelle Yim is 63 years old this year (2019), she looks much much younger than Mr. Teo En Ming, who is 40 years old this year (2019). Watch this YouTube video to learn Michelle Yim 's secrets to health, beauty and youth! This is simply unbelievable!

Link: [1]https://www.youtube.com/watch?v=U6nZb3TsUCA

1. https://www.youtube.com/watch?v=U6nZb3TsUCA

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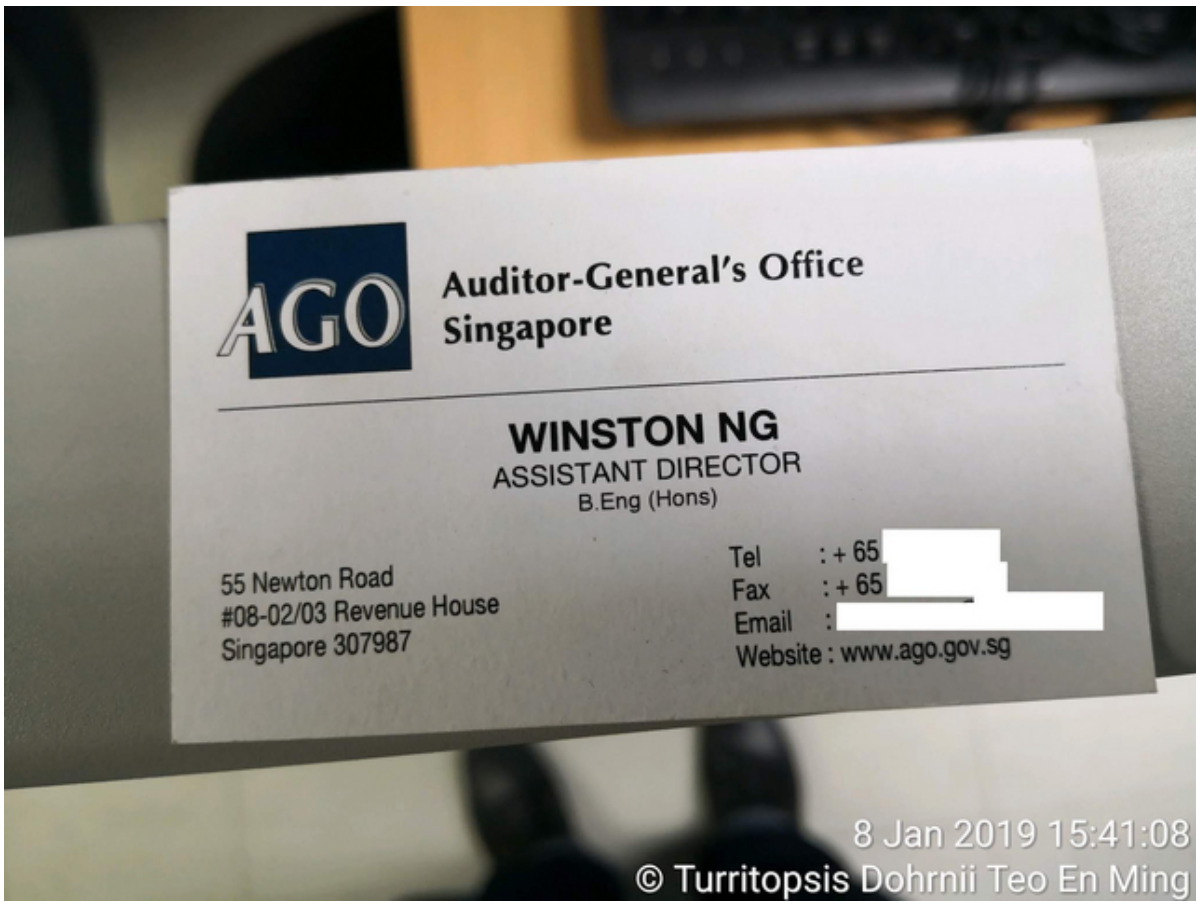
Basic University Degree Only Can Be Assistant Director of the Auditor General's Office Already?

(2019-03-03 12:00) - Turritopsis Dohrnii Teo En Ming

Winston Ng became the Assistant Director of the Auditor General's Office with only a basic university degree, as shown in his name card.

Mr. Teo En Ming also has a basic university degree from the National University of Singapore (NUS), but he has no career at all at 40 years old (as at 3rd Mar 2019) in Singapore.

Is Mr. Teo En Ming a Targeted Individual (TI) or an extreme under-achiever?



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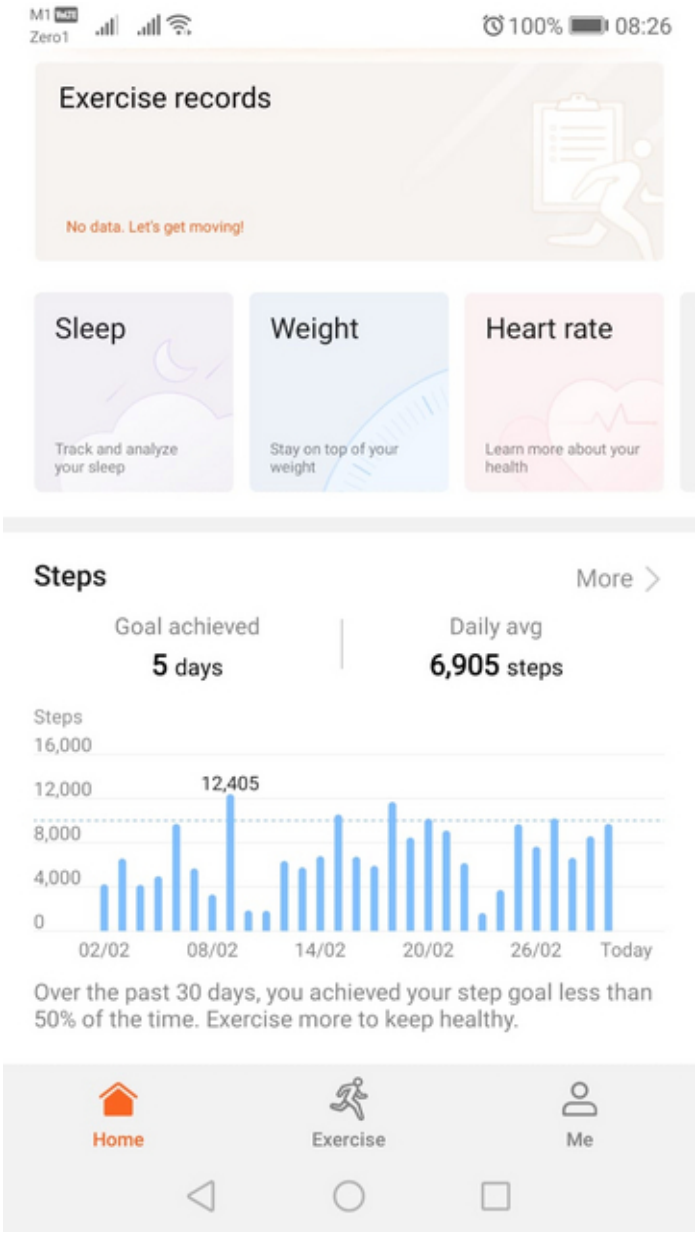
Teo En Ming's Exercise Records for February 2019 (2019-03-03 11:08) - Turritopsis Dohrnii Teo En Ming



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40 year old Mr. Teo En Ming ONLY has $54,000 of CPF Savings as at 31 Dec 2018 (2019-03-03 11:04)

- Turritopsis Dohrnii Teo En Ming

Mr. Teo En Ming, 40 years old (as at 3rd Mar 2019), graduated from the National University of Singapore (NUS) in 2007 with a Bachelor degree

(2nd class lower honors)

in Mechanical Engineering. He has a Diploma (Conversion) in Computer Networking from Singapore Polytechnic (graduated 2017) and a Diploma in Mechatronics Engineering with Merit from Singapore Polytechnic (graduated 1998).

Recently he has attended short WSQ courses (5-day boot camps) in Infocomm Technology (ICT) at NTUC Learning Hub in Singapore. The first exam preparation course is Cisco Certified Network Associate (CCNA Routing and Switching)[1] (attended 2017) and the second exam preparation course is Certified Information Systems Security Professional (CISSP)[2] (attended 2019).

[1] Please note that Teo En Ming has not attempted the official CCNA Routing and Switching examination from Cisco.

[2] Please note that Teo En Ming has not attempted the official CISSP examination from (ISC)2.

As at 31st Dec 2018, Teo En Ming’s total CPF savings is only $54,518.32. CPF is a "pension fund" in Singapore.

A few HDB officers have commented that Teo En Ming’s CPF savings is far too low for his age. Most of the other white collar workers in Singapore at the age of 40 years old should already have between $200,000 to $300,000 in Central Provident Fund (CPF) savings.

Is Mr. Teo En Ming a Targeted Individual (TI) or an extreme under-achiever?

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Dear MR T DOHRNII TEO EN MING,

Here is a personalised summary of all your CPF transactions with us from January to December 2018.

As at 31 December 2018, your total amount across all your CPF accounts is **$54,518.32**

Ordinary Account (OA)	Special Account (SA)	MediSave Account (MA)	Retirement Account (RA)
$33,414.61	$16,426.02	$4,677.69	N.A.

BUILDING YOUR CPF SAVINGS

$12,765.39
was credited^ to your CPF accounts in 2018.

Total interest credited:
$1,837.39
- Up to **3.5%** p.a.* on OA
- Up to **5.0%** p.a.* on SA, MA & RA

Employment Working contributions from you and/or your employer(s) *Did you know? Based on your age group, the total CPF working contribution is 37% of your salary. This includes 20% from you and 17% from your employer(s).**	$	**10,853.00**	**Interest**	$	**1,837.39**
			Ordinary Account	$	740.09
			Special Account	$	923.55
			MediSave Account	$	173.75
			Retirement Account		N.A.
Government support E.g. GST Voucher – MediSave, Housing Grant, Pioneer Generation MediSave, Workfare	$	**75.00**	**Voluntary top-ups**	$	**0.00**
Refund	$	**0.00**	**Others**	$	**0.00**

Information is correct as at 31 December 2018.

^ *Excludes transfers within your CPF accounts*
* *For more information, visit* **cpf.gov.sg**.

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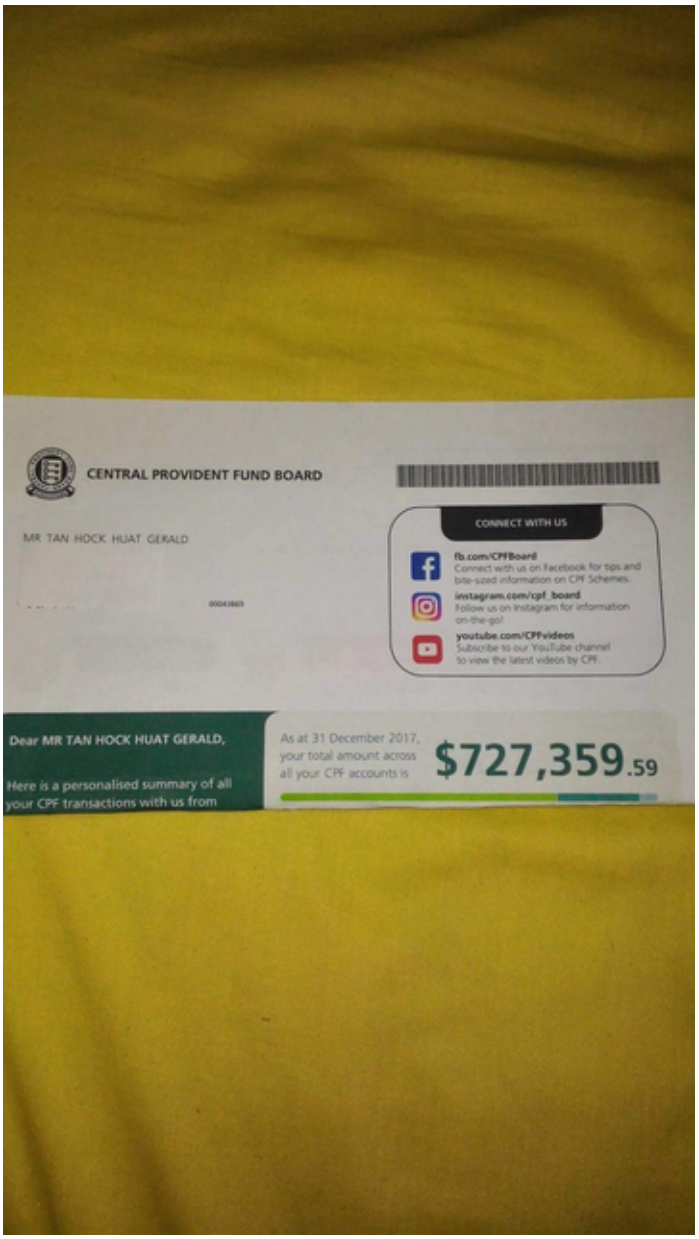
Retiree Gerald Tan has more than $700,000 of CPF Savings (2019-03-03 10:52) - Turritopsis Dohrnii Teo En Ming

Retiree Gerald Tan (as at 3rd Mar 2019) has more than $700,000 of CPF Savings. CPF is a "pension fund" in Singapore.



55 year-old Mr. Yeo has more than $500,000 of CPF Savings (2019-03-03 10:47) - Turritopsis Dohrnii Teo En Ming

55 year-old Mr. Yeo (as at 3rd Mar 2019) told me he has more than $500,000 of CPF savings. CPF is a "pension fund" in Singapore.

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60 year-old Paul has more than $300,000 of CPF Savings (2019-03-03 10:43) - Turritopsis Dohrnii Teo En Ming

60 year-old Paul (as at 3rd Mar 2019) told me he has more than $300,000 of CPF savings. CPF is a "pension fund" in Singapore.

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2.11 February

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YouTube Video: Star Size Comparison 1 (HD) (2019-02-20 12:48) - Turritopsis Dohrnii Teo En Ming

Link: [1]https://www.youtube.com/watch?v=HEheh1BH34Q

1. `https://www.youtube.com/watch?v=HEheh1BH34Q`

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YouTube Video: Universe Size Comparison 3D (2019-02-20 12:05) - Turritopsis Dohrnii Teo En Ming

Link: [1]https://www.youtube.com/watch?v=i93Z7zljQ7I

1. `https://www.youtube.com/watch?v=i93Z7zljQ7I`

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Mothership: These senior guys from Team Strong Silvers are a reminder you are weak
(2019-02-20 11:56) - Turritopsis Dohrnii Teo En Ming

Link to article: [1]https://mothership.sg/2016/12/these-senior-guys-from-team-str ong-silvers-are-a-reminder-you-are-weak/

1. https://mothership.sg/2016/12/these-senior-guys-from-team-strong-silvers-are-a-reminder-you-are-weak/

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Teo En Ming's Total CPF Savings as at 31 Dec 2018 (2019-02-19 18:37) - Turritopsis Dohrnii Teo En Ming

Mr. Teo En Ming, 40 years old (as at 19 Feb 2019), graduated from the National University of Singapore (NUS) in 2007 with a Bachelor (2nd class lower honors) degree in Mechanical Engineering. He has a Diploma (Conversion) in Computer Networking from Singapore Polytechnic (graduated 2017) and a Diploma in Mechatronics Engineering with Merit from Singapore Polytechnic (graduated 1998).

Recently he has attended short WSQ courses (5-day boot camps) in Infocomms Technology (ICT) at NTUC Learning Hub in Singapore. The first exam preparation course is Cisco Certified Network Associate (CCNA Routing and Switching)[1] (attended 2017) and the second exam preparation course is Certified Information Systems Security Professional (CISSP)[2] (attended 2019).

[1] Please note that Teo En Ming has not attempted the official CCNA Routing and Switching examination from Cisco.

[2] Please note that Teo En Ming has not attempted the official CISSP examination from (ISC)2.

As at 31 Dec 2018, Teo En Ming's total CPF savings is only $54,518.32.

A few HDB officers have commented that Teo En Ming's CPF savings is far too low for his age. Most of the other workers in Singapore at the age of 40 years old should already have about $200,000 to $300,000 in Central Provident Fund (CPF) savings.

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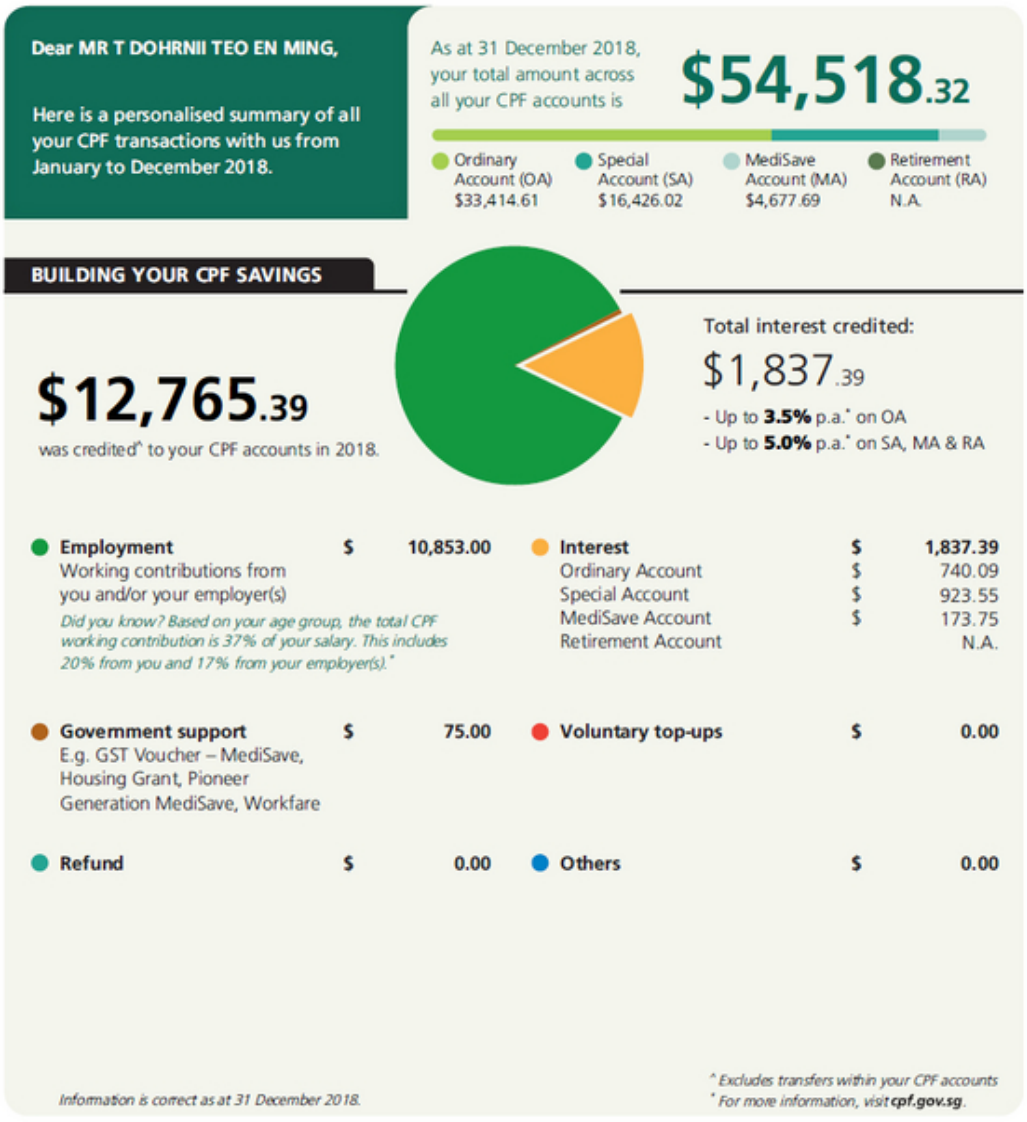

Dear MR T DOHRNII TEO EN MING,

Here is a personalised summary of all your CPF transactions with us from January to December 2018.

As at 31 December 2018, your total amount across all your CPF accounts is **$54,518.32**

Ordinary Account (OA)	Special Account (SA)	MediSave Account (MA)	Retirement Account (RA)
$33,414.61	$16,426.02	$4,677.69	N.A.

BUILDING YOUR CPF SAVINGS

$12,765.39
was credited^ to your CPF accounts in 2018.

Total interest credited:
$1,837.39
- Up to **3.5%** p.a.* on OA
- Up to **5.0%** p.a.* on SA, MA & RA

Employment Working contributions from you and/or your employer(s)	$	10,853.00	**Interest**	$	1,837.39
			Ordinary Account	$	740.09
			Special Account	$	923.55
			MediSave Account	$	173.75
			Retirement Account		N.A.
Government support E.g. GST Voucher – MediSave, Housing Grant, Pioneer Generation MediSave, Workfare	$	75.00	**Voluntary top-ups**	$	0.00
Refund	$	0.00	**Others**	$	0.00

*Did you know? Based on your age group, the total CPF working contribution is 37% of your salary. This includes 20% from you and 17% from your employer(s).**

Information is correct as at 31 December 2018.

^ Excludes transfers within your CPF accounts
** For more information, visit **cpf.gov.sg**.*

Singaporean Man (Shell Retiree) Lost $250,000 of His Life CPF Savings to Bad Investments

(2019-02-19 18:02) - Turritopsis Dohrnii Teo En Ming

Article 1: Retiree protests against local bank at Raffles Place after his wife invested $250,000 of his money only to be left with $11,200

Link 1: [1]http://theindependent.sg/retiree-protests-against-local-bank-at-raffl es-place-after-his-wife-invested-250000-of-his-money-only-to-be-left-with-11200

Article 2: Distraught S'porean Retiree Loses $250,000 CPF Retirement Funds To Bad UOB Investments; Shares His Plight Publicly On S'pore Street

Link 2: [2]https://ec2-54-66-232-122.ap-southeast-2.compute.amazonaws.com/2019/0 2/11/distraught-sporean-retiree-loses-250000-cpf-retirement-funds-to-bad-uob- investments-shares-his-plight-publicly-on-spore-street/

1. http://theindependent.sg/retiree-protests-against-local-bank-at-raffles-place-after-his-wife-invested-250000-of-his-money-only-to-be-left-with-11200
2. https://ec2-54-66-232-122.ap-southeast-2.compute.amazonaws.com/2019/02/11/distraught-sporean-retiree-loses-250000-cpf-retirement-funds-to-bad-uob-investments-sh

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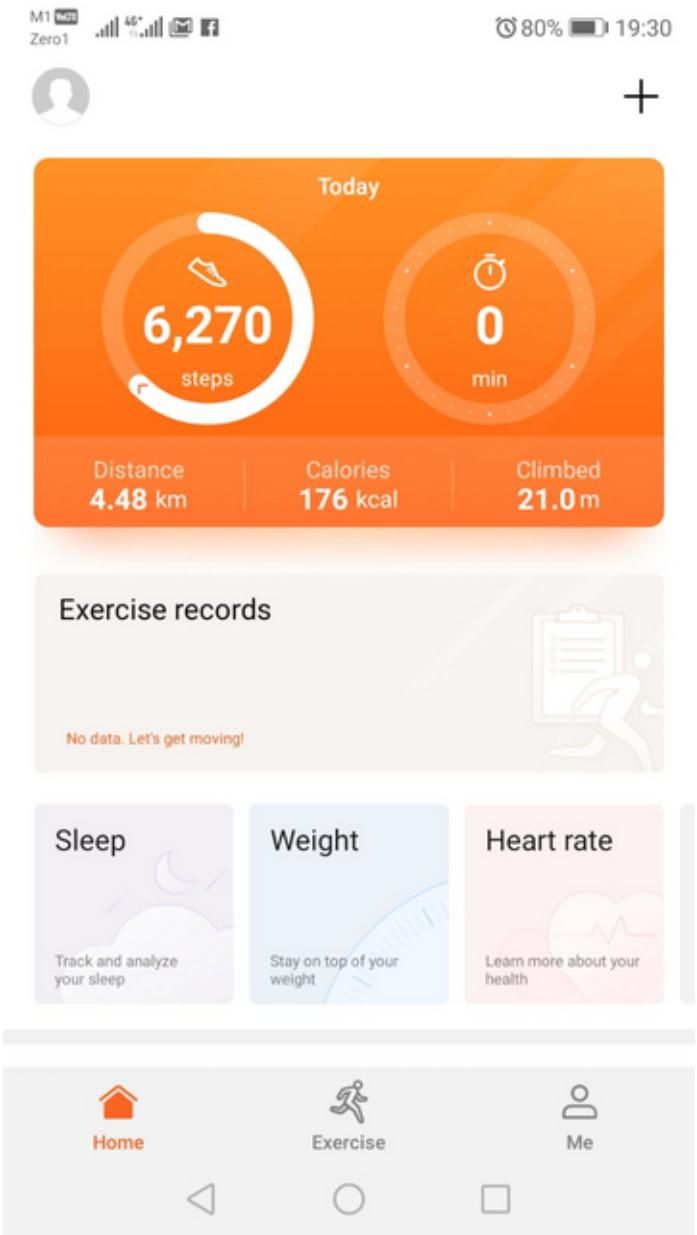
Exercise: Walking 6 Rounds at the Sports Stadium on 18 Feb 2019 Monday (2019-02-19 17:36) - Turritopsis Dohrnii Teo En Ming

Date: 18 Feb 2019 Monday
Location: Sports Stadium in Singapore

START: 7:30 PM



Number of Steps (Starting): 6270
Distance Walked (Starting): 4.48 km

7:37 PM: Completion of Round 1

7:43 PM: Completion of Round 2

7:49 PM: Completion of Round 3

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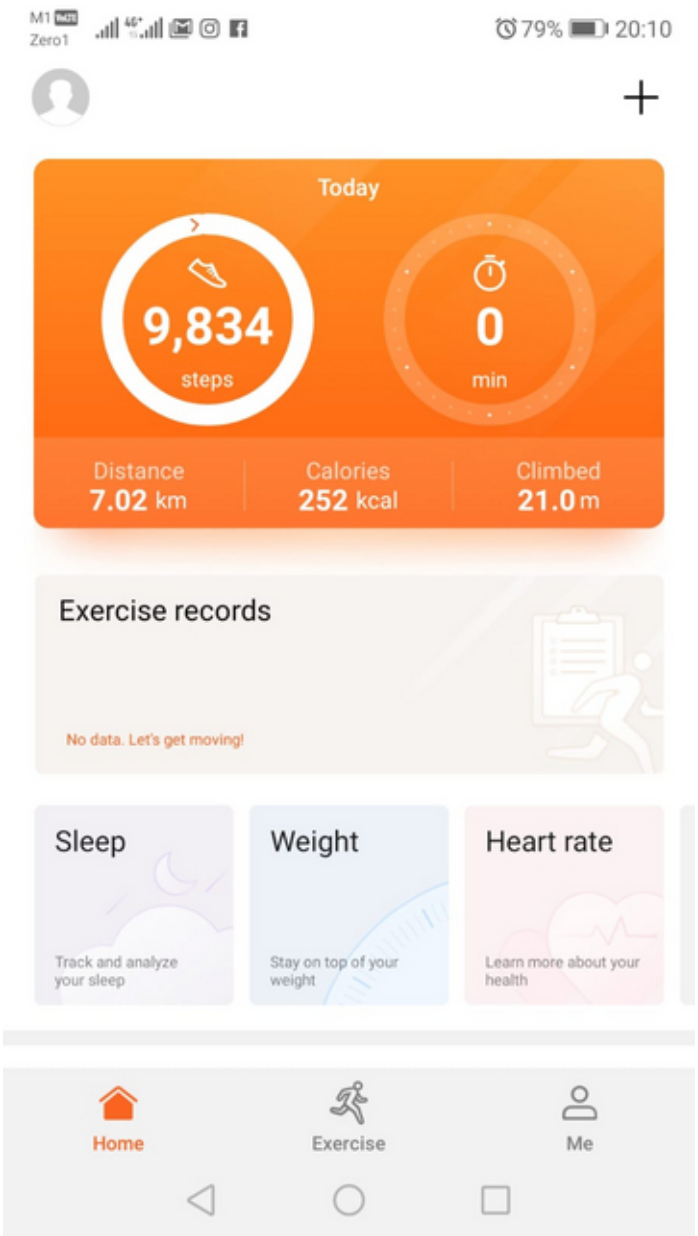
7:56 PM: Completion of Round 4

8:02 PM: Completion of Round 5

8:09 PM: Completion of Round 6

STOP: 8:09 PM

Exercise Duration: 39 minutes



Number of Steps (Stopping): 9834
Distance Walked (Stopping): 7.02 km

Net number of steps = 9834 - 6270 = 3564 steps for 6 rounds at the Sports Stadium

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Net distance walked = 7.02 - 4.48 = 2.54 km for 6 rounds at the Sports Stadium

3564 steps = 2.54 km

10,000 steps = 7.13 km

20,000 steps = 14.26 km

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Milestone Achieved on 16 Feb 2019: Walked 300,000 Steps (2019-02-19 17:16) - Turritopsis Dohrnii Teo En Ming

Milestone Achieved on 16 Feb 2019: Walked 300,000 Steps

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Edu Certs 14 Feb 2019 (Dochub) (2019-02-14 16:49) - Turritopsis Dohrnii Teo En Ming

Primary: [1]https://dochub.com/enmingteo/2vDQDy/teo-en-ming-primary-certs -14-feb-2019-pdf?dt=xrrwdVxw4-3QF2gRssxi

Secondary: [2]https://dochub.com/enmingteo/LL25jb/teo-en-ming-secondary-c erts-14-feb-2019-pdf?dt=yzac _sz _TaZmLgY6C-A5

1. https://dochub.com/enmingteo/2vDQDy/teo-en-ming-primary-certs-14-feb-2019-pdf?dt=xrrwdVxw4-3QF2gRssxi
2. https://dochub.com/enmingteo/LL25jb/teo-en-ming-secondary-certs-14-feb-2019-pdf?dt=yzac_sz_TaZmLgY6C-A5

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Edu Certs 14 Feb 2019 (OneDrive) (2019-02-14 16:18) - Turritopsis Dohrnii Teo En Ming

Primary: [1]https://1drv.ms/b/s!ArahPxJAVR61hGf38RrfkLZgvBEF

Secondary: [2]https://1drv.ms/b/s!ArahPxJAVR61hGZWvl8nsbhOImp8

1. https://1drv.ms/b/s!ArahPxJAVR61hGf38RrfkLZgvBEF
2. https://1drv.ms/b/s!ArahPxJAVR61hGZWvl8nsbhOImp8

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Edu Certs 14 Feb 2019 (Google Drive) (2019-02-14 16:04) - Turritopsis Dohrnii Teo En Ming

Primary: [1]https://drive.google.com/file/d/1DSXU3YSsWiTQenkucyr300SYZZmN _WvR/view

Secondary: [2]https://drive.google.com/file/d/1sQVwzWs _zv1ElllGfNvLXqNJNWD0Y _On/view

1. https://drive.google.com/file/d/1DSXU3YSsWiTQenkucyr300SYZZmN_WvR/view
2. https://drive.google.com/file/d/1sQVwzWs_zv1ElllGfNvLXqNJNWD0Y_On/view

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Edu Certs 14 Feb 2019 (Docdroid) (2019-02-14 01:21) - Turritopsis Dohrnii Teo En Ming

Primary: [1]https://www.docdroid.net/geJ5xbh/teo-en-ming-primary-certs-14 -feb-2019.pdf

Secondary: [2]https://www.docdroid.net/pXotqtN/teo-en-ming-secondary-cert s-14-feb-2019.pdf

1. https://www.docdroid.net/geJ5xbh/teo-en-ming-primary-certs-14-feb-2019.pdf
2. https://www.docdroid.net/pXotqtN/teo-en-ming-secondary-certs-14-feb-2019.pdf

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Edu Certs 14 Feb 2019 (Scribd) (2019-02-14 01:10) - Turritopsis Dohrnii Teo En Ming

Primary: [1]https://www.scribd.com/document/399573014/Teo-En-Ming-Primary -Certs-14-Feb-2019

Secondary: [2]https://www.scribd.com/document/399573188/Teo-En-Ming-Secon dary-Certs-14-Feb-2019

1. https://www.scribd.com/document/399573014/Teo-En-Ming-Primary-Certs-14-Feb-2019
2. https://www.scribd.com/document/399573188/Teo-En-Ming-Secondary-Certs-14-Feb-2019

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Edu Certs 30 Oct 2017 (2019-02-05 22:33) - Turritopsis Dohrnii Teo En Ming

Primary: [1]https://www.docdroid.net/VKHtIx6/primary-certs-30-oct-2017.pd f

Secondary: [2]https://www.docdroid.net/3aLyN8F/secondary-certs-30-oct-201 7.pdf

1. https://www.docdroid.net/VKHtIx6/primary-certs-30-oct-2017.pdf
2. https://www.docdroid.net/3aLyN8F/secondary-certs-30-oct-2017.pdf

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Rent Payment for HDB One-Room Rental Flat, Jul 2020 to Dec 2020 (2019-02-05 22:14) - Turritopsis Dohrnii Teo En Ming

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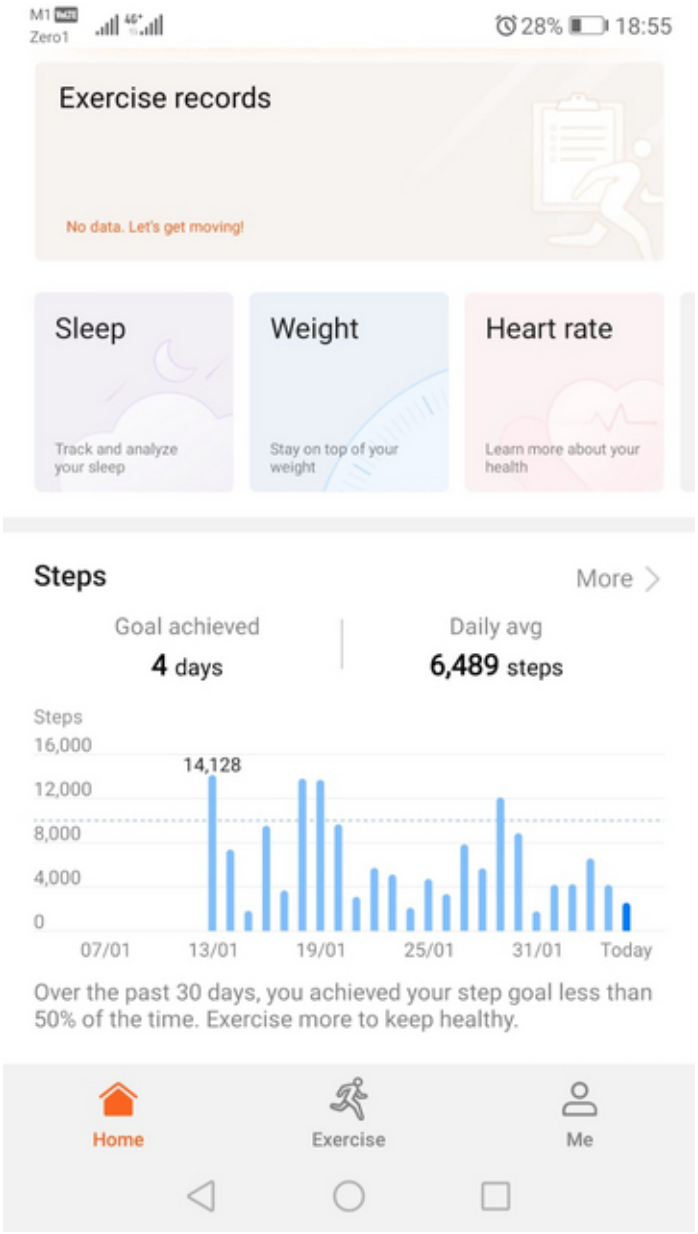
Teo En Ming's Exercise Records for January 2019 (2019-02-05 21:59) - Turritopsis Dohrnii Teo En Ming



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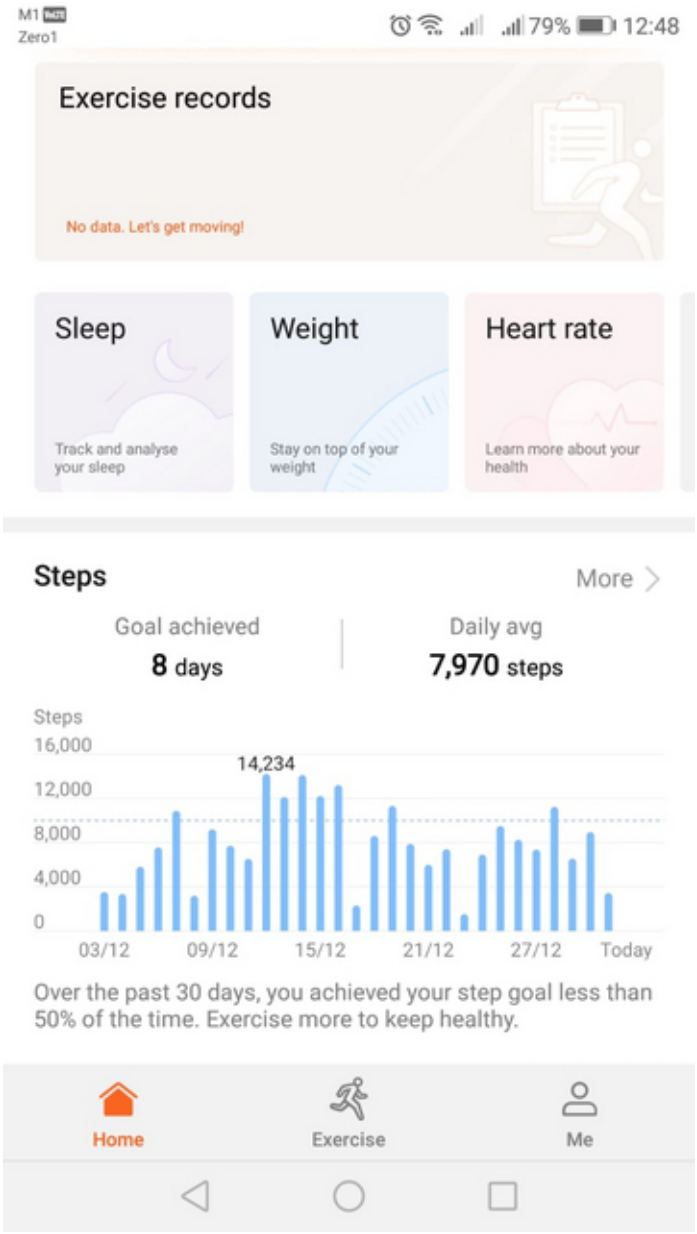
Teo En Ming's Exercise Records for December 2018 (2019-02-05 15:00) - Turritopsis Dohrnii Teo En Ming



Certificate of Completion for CISSP Exam Preparation Course (2019-02-03 19:51) - Turritopsis Dohrnii Teo En Ming

Certificate of Completion for Certified Information Systems Security Professional (CISSP) Exam Preparation/Preparatory/Prep Course at NTUC Learning Hub, Singapore, 3rd Feb 2019 Sunday

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2.12 January

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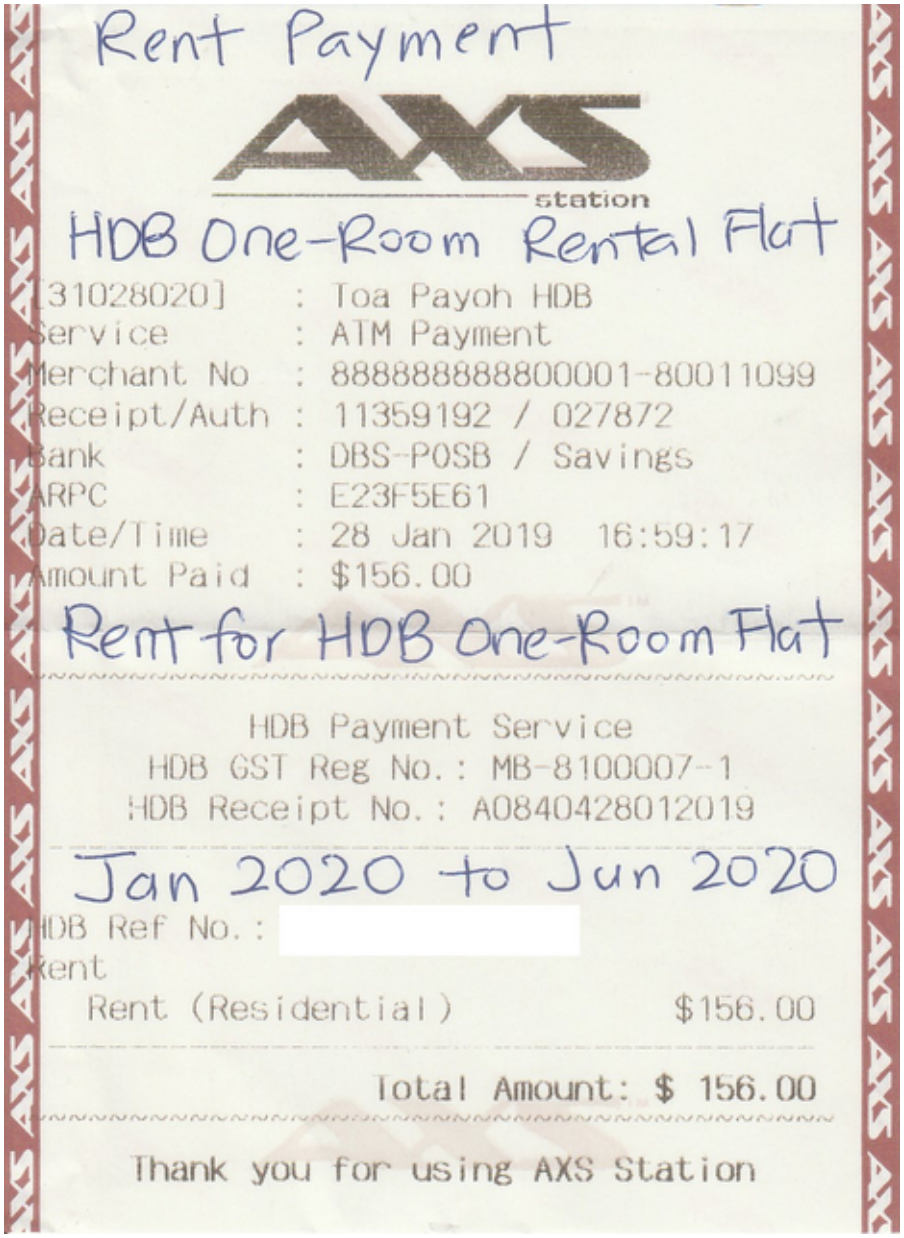
Rent Payment for HDB One-Room Rental Flat, Jan 2020 to Jun 2020 (2019-01-28 22:08) - Turritopsis Dohrnii Teo En Ming



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New York Times: Microwave Weapons Are Prime Suspect in Ills of U.S. Embassy Workers

(2019-01-19 12:03) - Turritopsis Dohrnii Teo En Ming

Subject/Topic: New York Times: Microwave Weapons Are Prime Suspect in Ills of U.S. Embassy Workers

This New York Times newspaper article is very welcome and being held dear by millions of Targeted Individuals (TIs) all over the world, including Mr. Turritopsis Dohrnii Teo En Ming, who is based in Singapore.

New York Times Article: Microwave Weapons Are Prime Suspect in Ills of U.S. Embassy Workers
Author: William J. Broad is a science journalist and senior writer. He joined The Times in 1983, and has shared two Pulitzer Prizes with his colleagues, as well as an Emmy Award and a DuPont Award. @WilliamJBroad
Date Published: 1st September 2018 (Today is 19 January 2019 Saturday)
Link: [1]https://www.nytimes.com/2018/09/01/science/sonic-attack-cuba-microwave .html

Snippets from the New York Times newspaper article:

Doctors and scientists say microwave strikes may have caused sonic delusions and very real brain damage among embassy staff and family members.

During the Cold War, Washington feared that Moscow was seeking to turn microwave radiation into covert weapons of mind control.

More recently, the American military itself sought to develop microwave arms that could invisibly beam painfully loud booms and even spoken words into people's heads. The aims were to disable attackers and wage psychological warfare.

Now, doctors and scientists say such unconventional weapons may have caused the baffling symptoms and ailments that, starting in late 2016, hit more than three dozen American diplomats and family members in Cuba and China. The Cuban incidents resulted in a diplomatic rupture between Havana and Washington.

But Douglas H. Smith, the study's lead author and director of the Center for Brain Injury and Repair at the University of Pennsylvania, said in a recent interview that microwaves were now considered a main suspect and that the team was increasingly sure the diplomats had suffered brain injury.

In particular, a growing number of analysts cite an eerie phenomenon known as the Frey effect, named after Allan H. Frey, an American scientist. Long ago, he found that microwaves can trick the brain into perceiving what seem to be ordinary sounds.

The false sensations, the experts say, may account for a defining symptom of the diplomatic incidents — the perception of loud noises, including ringing, buzzing and grinding. Initially, experts cited those symptoms as evidence of stealthy attacks with sonic weapons.

Members of Jason, a secretive group of elite scientists that helps the federal government assess new threats to national security, say it has been scrutinizing the diplomatic mystery this summer and weighing possible explanations, including microwaves.

The microwave idea teems with unanswered questions. Who fired the beams? The Russian government? The Cuban government? A rogue Cuban faction sympathetic to Moscow? And, if so, where did the attackers get the unconventional arms?

At his home outside Washington, Mr. Frey, the scientist who uncovered the neural phenomenon, said federal investigators have questioned him on the diplomatic riddle and that microwave radiation is considered a possible cause.

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Mr. Frey, now 83, has traveled widely and long served as a contractor and a consultant to a number of federal agencies. He speculated that Cubans aligned with Russia, the nation's longtime ally, might have launched microwave strikes in attempts to undermine developing ties between Cuba and the United States.

The dimensions of the human head, scientists say, make it a fairly good antenna for picking up microwave signals.

Mr. Frey, a biologist, said he stumbled on the acoustic effect in 1960 while working for General Electric's Advanced Electronics Center at Cornell University. A man who measured radar signals at a nearby G.E. facility came up to him at a meeting and confided that he could hear the beam's pulses — zip, zip, zip.

Intrigued, Mr. Frey traveled to the man's workplace in Syracuse and positioned himself in a radar beam. "Lo," he recalled, "I could hear it, too."

Mr. Frey's resulting papers — reporting that even deaf people could hear the false sounds — founded a new field of study on radiation's neural impacts. Mr. Frey's first paper, in 1961, reported that power densities 160 times lower than "the standard maximum safe level for continuous exposure" could induce the sonic delusions.

Investigators raced to confirm and extend Mr. Frey's findings. At first they named the phenomenon after him, but eventually called it the microwave auditory effect and, in time, more generally, radio-frequency hearing.

Moscow was so intrigued by the prospect of mind control that it adopted a special terminology for the overall class of envisioned arms, calling them psychophysical and psychotronic.

Soviet research on microwaves for "internal sound perception," the Defense Intelligence Agency warned in 1976, showed great promise for "disrupting the behavior patterns of military or diplomatic personnel."

Furtively, globally, the threat grew.

Washington, too, foresaw new kinds of arms.

In Albuquerque, N.M., Air Force scientists sought to beam comprehensible speech into the heads of adversaries. Their novel approach won a patent in 2002, and an update in 2003. Both were assigned to the Air Force secretary, helping limit the idea's dissemination.

The lead inventor said the research team had "experimentally demonstrated" that the "signal is intelligible." As for the invention's uses, an Air Force disclosure form listed the first application as "Psychological Warfare."

Russia, China and many European states are seen as having the know-how to make basic microwave weapons that can debilitate, sow noise or even kill. Advanced powers, experts say, might accomplish more nuanced aims such as beaming spoken words into people's heads. ***Only intelligence agencies know which nations actually possess and use such unfamiliar arms.***

In December 2000, months after the start of his first presidential term, Mr. Putin flew to the island nation. It was the first visit by a Soviet or Russian leader since the Cold War.

He also sought to resurrect Soviet work on psychoactive arms. In 2012, he declared that Russia would pursue "new instruments for achieving political and strategic goals," including psychophysical weapons.

As a candidate, Donald Trump faulted the Obama administration's normalization policy as "a very weak agreement" and threatened to scrap it on reaching the White House. Weeks after he won the election, in late November 2016, the American embassy in Havana found itself battling a mysterious crisis.

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Diplomats and their families recounted high-pitched sounds in homes and hotel rooms at times intense enough to incapacitate. Long-term, the symptoms included nausea, crushing headaches, fatigue, dizziness, sleep problems and hearing loss.

The State Department filed diplomatic protests, and the Cuban government denied involvement.

Rex W. Tillerson, who was then the secretary of state, said the embassy's staff had been targeted deliberately. But he refrained from blaming Cuba, and federal officials held out the possibility that a third party may have been responsible.

Early this year, in January, the spooky impact of microwaves on the human brain never came up during an open Senate hearing on the Cuba crisis.

But in a scientific paper that same month, James C. Lin of the University of Illinois, a leading investigator of the Frey effect, described the diplomatic ills as plausibly arising from microwave beams. Dr. Lin is the editor-in-chief of Bio Electro Magnetics, a peer-reviewed journal that explores the effects of radio waves and electromagnetic fields on living things.

In his paper, he said high-intensity beams of microwaves could have caused the diplomats to experience not just loud noises but nausea, headaches and vertigo, as well as possible brain-tissue injury. The beams, he added, could be fired covertly, hitting "only the intended target."

In February, ProPublica in a lengthy investigation mentioned that federal investigators were weighing the microwave theory. Separately, it told of an intriguing find. The wife of a member of the embassy staff, it reported, had looked outside her home after hearing the disturbing sounds and seen a van speeding away.

In May, reports emerged that American diplomats in China had suffered similar traumas. Secretary of State Mike Pompeo called the medical details of the two groups "very similar" and "entirely consistent" with one another. By late June, the State Department had evacuated at least 11 Americans from China.

To date, the most detailed medical case for microwave strikes has been made by Beatrice A. Golomb, a medical doctor and professor of medicine at the University of California, San Diego. In a forthcoming paper to be published in October in Neural Computation, a peer-reviewed journal of the MIT Press, she lays out potential medical evidence for Cuban microwave strikes.

In closing, she argued that "numerous highly specific features" of the diplomatic incidents "fit the hypothesis" of a microwave attack, including the Frey-type production of disturbing sounds.

But Mr. Zaid, the Washington lawyer, who represents eight of the diplomats and family members, said microwave attacks may have injured his clients.

"It's sort of naïve to think this just started now," he said. Globally, he added, covert strikes with the potent beams appear to have been going on for decades.

Tags: Mind Control, Mind Intrusion, Mind Intrusion Detection Systems, Mind Intrusion Prevention Systems, Mind Intrusion Detection and Prevention Systems

1. https://www.nytimes.com/2018/09/01/science/sonic-attack-cuba-microwave.html

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Good News for 2019 and Many Many Years After (2019-01-13 07:10) - Turritopsis Dohrnii Teo En Ming

Reading resource: [1]https://lkml.org/lkml/2019/1/11/1472

1. https://lkml.org/lkml/2019/1/11/1472

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Good News for 2019 and Beyond: National Neuroscience Institute Singapore MRI Brain Scan Stroke Protocol Radiology Report of 29 Dec 2018 (2019-01-12 09:47) - Turritopsis Dohrnii Teo En Ming

Subject: Good News for 2019 and Beyond: National Neuroscience Institute Singapore MRI Brain Scan Stroke Protocol Radiology Report of 29 Dec 2018
==========
==========

National Neuroscience Institute
SingHealth, Singapore

Radiology Report

Patient Name: TEO EN MING

Patient MRN:
Gender: Male
Date of Birth: 1978
Ordering Doctor: YEO ENG HUI DAMIAN (17684B)
Procedure: LIMITED STUDIES (MRA) - NNI

Location:
Exam Date: 29-Dec-2018 03:38
Exam ID: 862664

Main report text:

Examd Id: 862664

REPORT STATUS: APPROVED

LIMITED STUDIES (MRA) of 29-DEC-2018:

REASON FOR EXAM:
Left sided numbness (Correction by Teo En Ming: It is not left sided numbness. It is tingling sensation on left hand and left leg. And it is known as paraesthesia.)

REPORT:
Stroke protocol MRI brain was performed. MRI brain dated 1 Sep 2016 was reviewed.

There is no restricted diffusion to suggest an acute infarct.

No abnormal susceptibility is detected to indicate intracranial haemorrhage.

There is no mass effect, hydrocephalus or midline shift. The basal cisterns are preserved.

The major intracranial arteries demonstrate normal signal voids. Fast MRA reveals no severe stenosis or major arterial occlusion in the anterior and posterior circulation.

The imaged paranasal sinuses and mastoid cells are clear.

IMPRESSION:

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No acute infarct or intracranial haemorrhage is demonstrated.
No major arterial occlusion or flow limiting stenosis on fast MRA.

Reported by: DR KWOK YING CHRISTINE on 29-DEC-2018 07:19 AM
Approved by: DR JOANNA PEARLY TI on 29-DEC-2018 09:05 AM

Dictated by: Dr Kwok Ying Christine at 29-Dec-2018 07:19
Approved by: Dr Joanna Pearly Ti at 29-Dec-2018 09:05

Verified by: KOAY LEPING (61807A) on 29-Dec-2018 10:47

Printed by: KOAY LEPING on 29-Dec-2018 14:39:52

This is an electronic copy. No signature required.

1 of 1

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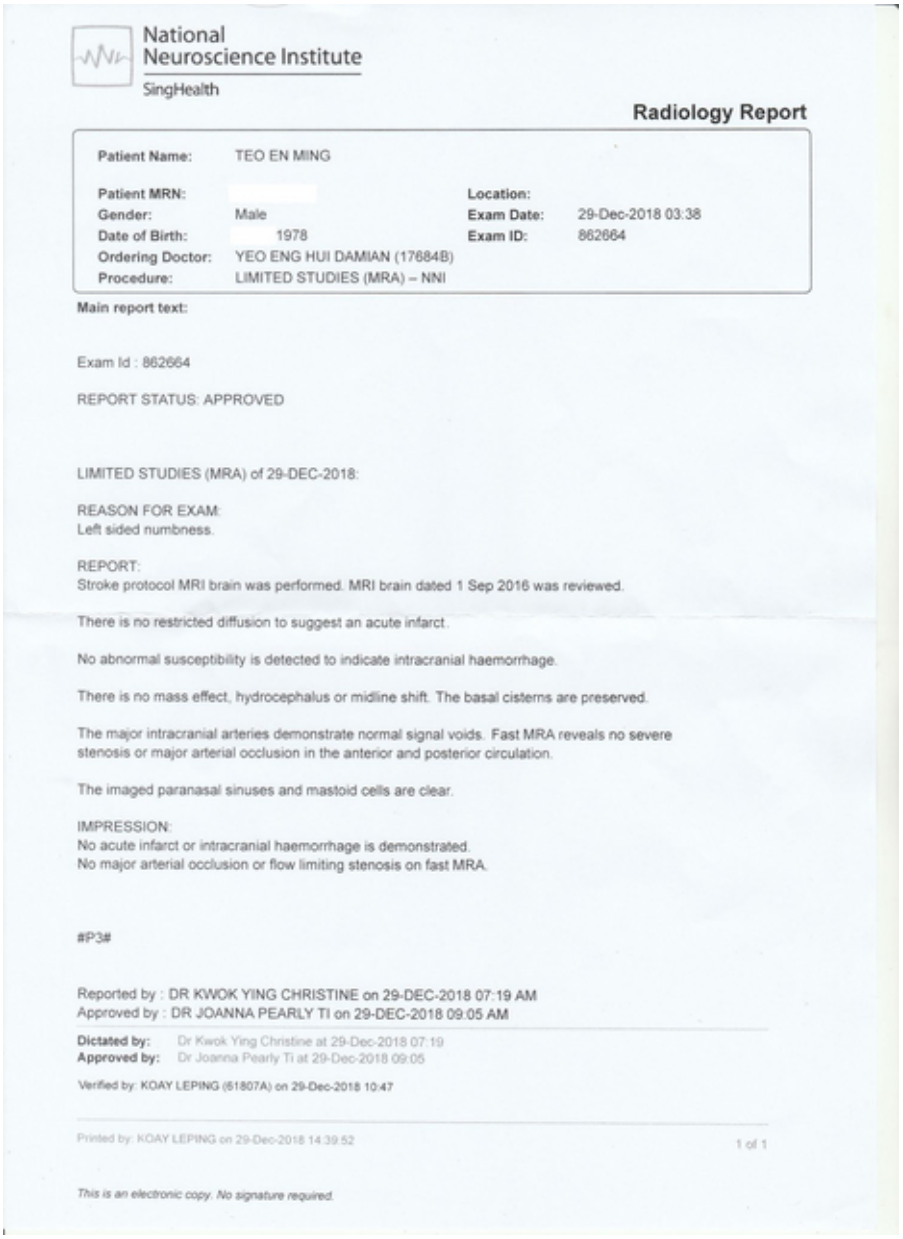

National Neuroscience Institute
SingHealth

Radiology Report

Patient Name:	TEO EN MING		
Patient MRN:		**Location:**	
Gender:	Male	**Exam Date:**	29-Dec-2018 03:38
Date of Birth:	1978	**Exam ID:**	862664
Ordering Doctor:	YEO ENG HUI DAMIAN (17684B)		
Procedure:	LIMITED STUDIES (MRA) – NNI		

Main report text:

Exam Id : 862664

REPORT STATUS: APPROVED

LIMITED STUDIES (MRA) of 29-DEC-2018:

REASON FOR EXAM:
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There is no mass effect, hydrocephalus or midline shift. The basal cisterns are preserved.

The major intracranial arteries demonstrate normal signal voids. Fast MRA reveals no severe stenosis or major arterial occlusion in the anterior and posterior circulation.

The imaged paranasal sinuses and mastoid cells are clear.

IMPRESSION:
No acute infarct or intracranial haemorrhage is demonstrated.
No major arterial occlusion or flow limiting stenosis on fast MRA.

#P3#

Reported by : DR KWOK YING CHRISTINE on 29-DEC-2018 07:19 AM
Approved by : DR JOANNA PEARLY TI on 29-DEC-2018 09:05 AM

Dictated by: Dr Kwok Ying Christine at 29-Dec-2018 07:19
Approved by: Dr Joanna Pearly Ti at 29-Dec-2018 09:05

Verified by: KOAY LEPING (61807A) on 29-Dec-2018 10:47

Printed by: KOAY LEPING on 29-Dec-2018 14:39:52 1 of 1

This is an electronic copy. No signature required.

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3. 2018

3.1 December

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Certificate of Computation for the Search for Extraterrestrial Intelligence (SETI), University of California, USA (2018-12-28 21:29) - Turritopsis Dohrnii Teo En Ming

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Scientists: Arguments for the Existence of Aliens in the Universe (2018-12-28 21:06) - Turritopsis Dohrnii Teo En Ming

Postulates of The Mediocrity Principle:

(1) Planet Earth does not occupy a special place in the Universe.

(2) Human beings are not special in the Universe.

Preamble of YouTube Documentary:

"The chances that aliens exist in some form is highly probable.

I think it is entirely likely that there is intelligent life somewhere in the Universe.

Professor Michio Kaku, Theoretical Physicist: I think it is almost a 100 % chance that there are alien forms of life in the Universe other than our own.

Our Earth is just a MERE SPECK (just like how Singapore is a tiny red dot on the map of the World) in the mass of the Universe. Statistically, scientists believe that this may mean there could be millions of other civilisations like ours out there. The Earth orbits the Sun, just like seven other planets. But our Sun is not unique. It is only one of more than 100 other billion bright stars in our galaxy, the Milky Way. And even the Milky Way is one of a trillion more galaxies.

Doctor David Brin, Astrophysicist and Science Fiction Author: The Universe is a very big place. And if you are talking something on the order of a trillion galaxies, each with half a trillion stars, it seems like it is a fairly silly notion to imagine that we are alone in the cosmos."

YouTube Full Documentary: World War A - When Aliens Attack
YouTube Channel: space and astronomy
Link to YouTube Video: [1]https://www.youtube.com/watch?v=Lrfr06Sj 3vQ

1. `https://www.youtube.com/watch?v=Lrfr06Sj3vQ`

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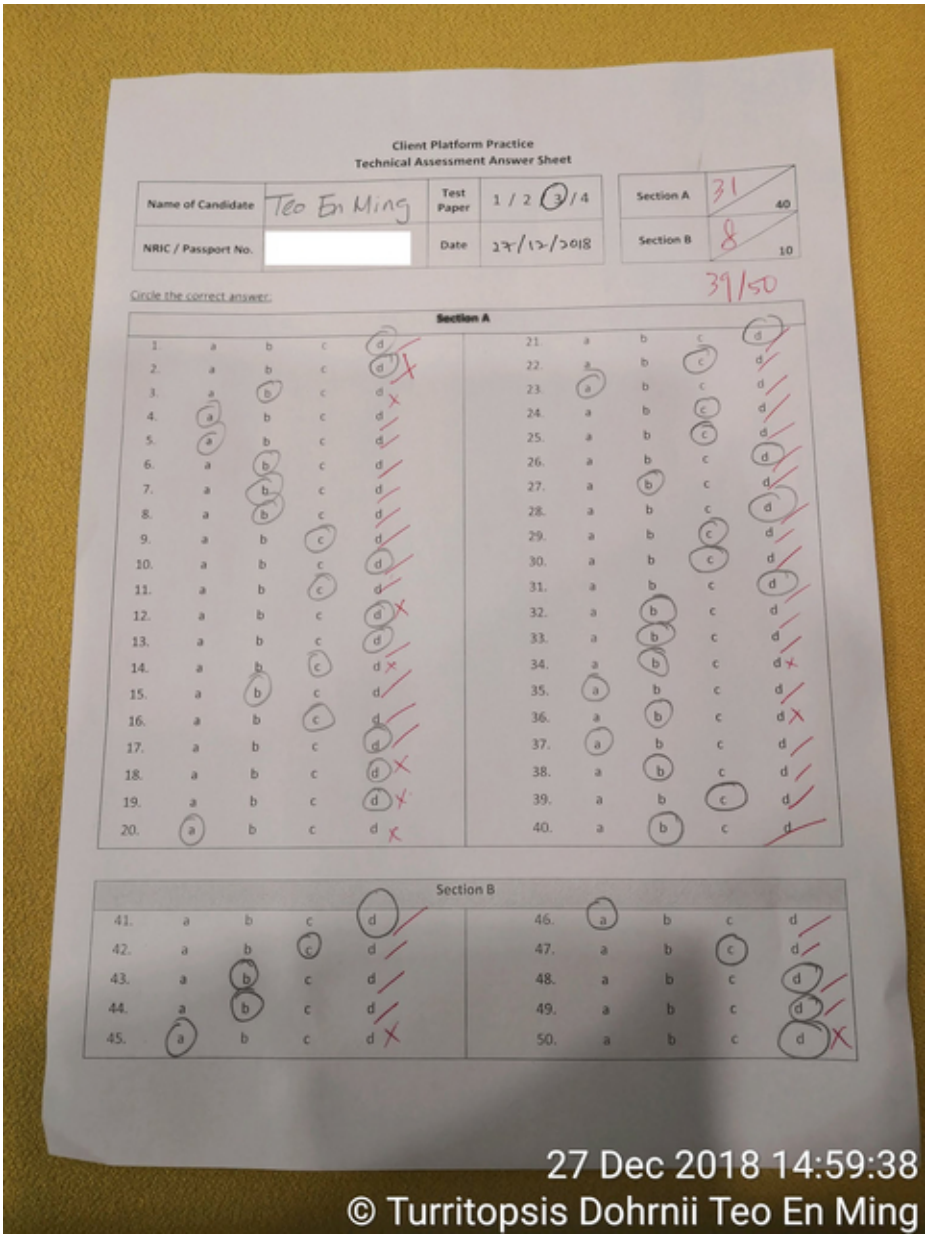
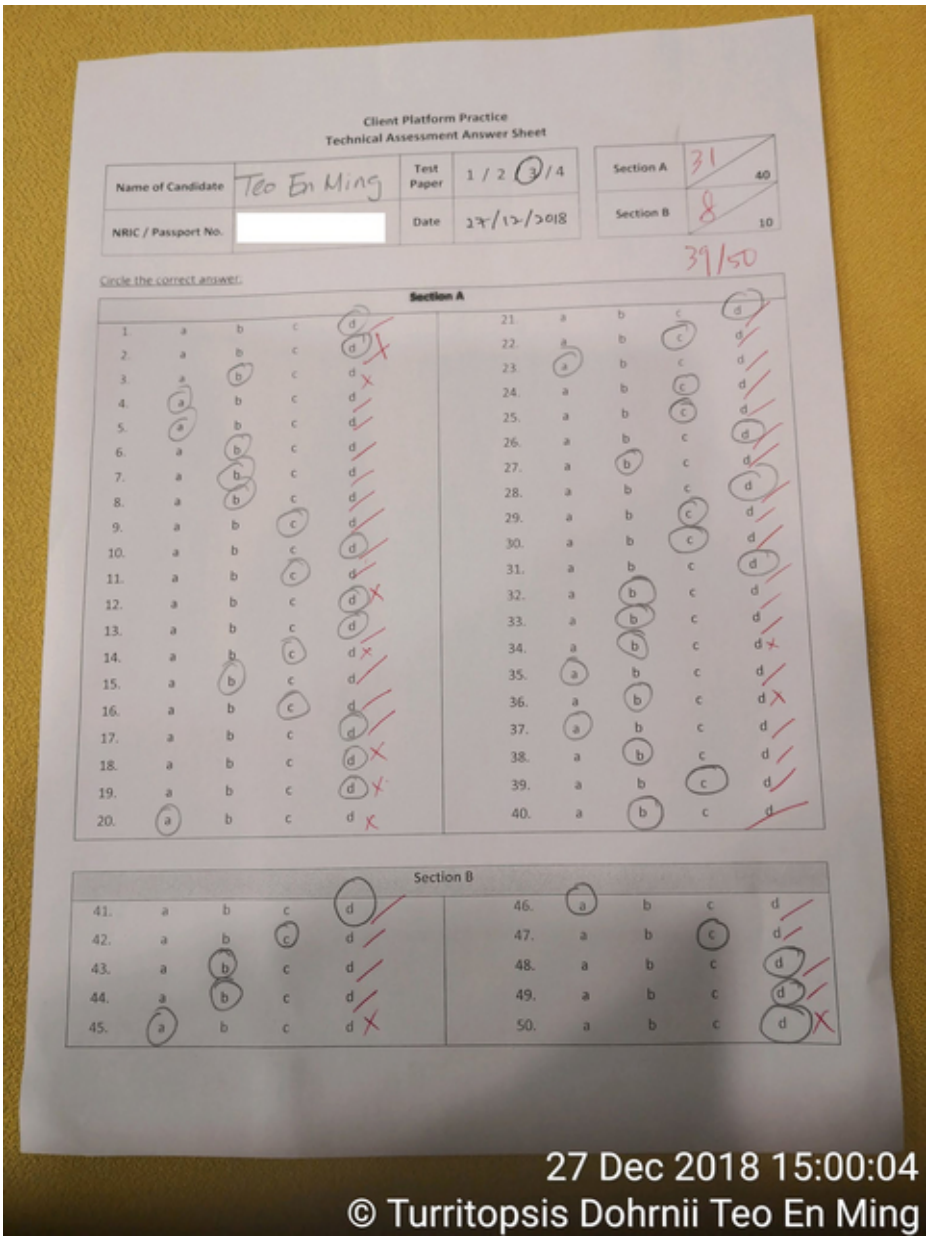
Job Interview Technical Skills Assessment Test for the Position of Desktop Computer Support Engineer at the Biggest ICT Company in Singapore (2018-12-27 19:10) - Turritopsis Dohrnii Teo En Ming

Job Interview Technical Skills Assessment Test for the Position of Desktop Computer Support Engineer at the Biggest ICT Company in Singapore





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Singaporean University Graduate Mr. Teo En Ming is the Poorest Person in the World

(2018-12-27 10:26) - Turritopsis Dohrnii Teo En Ming

Hello World,

40-year old Singaporean university graduate Mr. Teo En Ming is the poorest person in the world. Singapore is the third richest country in the world according to International Monetary Fund (IMF) but Singaporean university graduate Mr. Teo En Ming is the poorest person in the world.

Even though Mr. Teo En Ming is just a super ordinary 40-year old university graduate in Singapore and is not a super genius, ***he doesn't have to do so badly right?***

Even though Mr. Teo En Ming is just a super ordinary 40-year old university graduate in Singapore and is not a super genius, **he doesn't have to be the poorest person in the world right?**

At 40 years old, Mr. Teo En Ming does not have a career at all 12 years after graduation from National University of Singapore (NUS) in Singapore. He has no credit cards, no cars, no bicycles, no money, no savings and no ownership of any residential property.

So, why is Singaporean university graduate Mr. Teo En Ming the poorest person in the world? It is because Singaporean university graduate Mr. Teo En Ming is a ***TARGETED INDIVIDUAL (TI)***. You can search Google for what a TARGETED INDIVIDUAL is.

Please enter me into the Guiness Book of World Records as the World's Poorest Man in Singapore.

Thank you.

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Rent Payment for HDB One-Room Rental Flat from Jan 2019 to Dec 2019 (2018-12-27 00:14) - Turritopsis Dohrnii Teo En Ming

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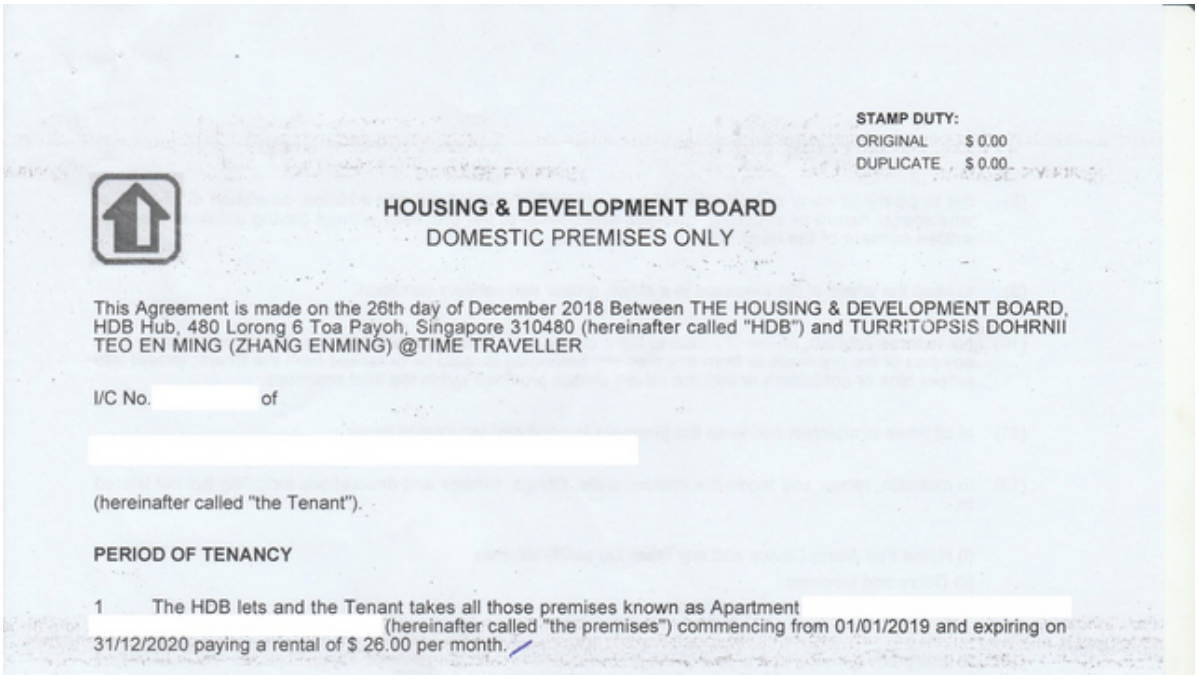
Renewal of Tenancy Agreement for HDB One-Room Rental Flat on 26 Dec 2018 (2018-12-27 00:12) - Turritopsis Dohrnii Teo En Ming



STAMP DUTY:
ORIGINAL $ 0.00
DUPLICATE $ 0.00

HOUSING & DEVELOPMENT BOARD
DOMESTIC PREMISES ONLY

This Agreement is made on the 26th day of December 2018 Between THE HOUSING & DEVELOPMENT BOARD, HDB Hub, 480 Lorong 6 Toa Payoh, Singapore 310480 (hereinafter called "HDB") and TURRITOPSIS DOHRNII TEO EN MING (ZHANG ENMING) @TIME TRAVELLER

I/C No. of

(hereinafter called "the Tenant").

PERIOD OF TENANCY

1 The HDB lets and the Tenant takes all those premises known as Apartment (hereinafter called "the premises") commencing from 01/01/2019 and expiring on 31/12/2020 paying a rental of $ 26.00 per month.

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The Brilliant American Mathematician John Forbes Nash was a Targeted Individual, Presented by Targeted in Ireland YouTube Channel (2018-12-02 11:34) - Turritopsis Dohrnii Teo En Ming

The Brilliant American Mathematician John Forbes Nash was a Targeted Individual, Presented by Targeted in Ireland YouTube Channel

YouTube video: [1]https://www.youtube.com/watch?v=UZJK6FIYol0

1. https://www.youtube.com/watch?v=UZJK6FIYol0

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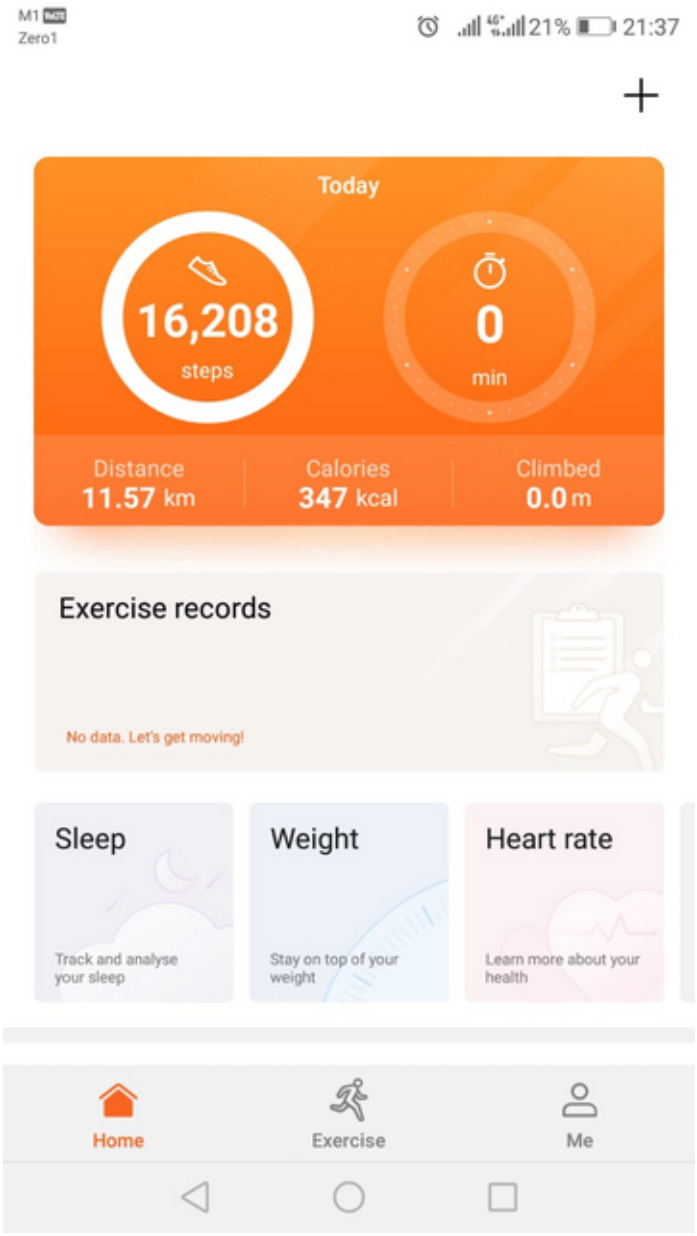
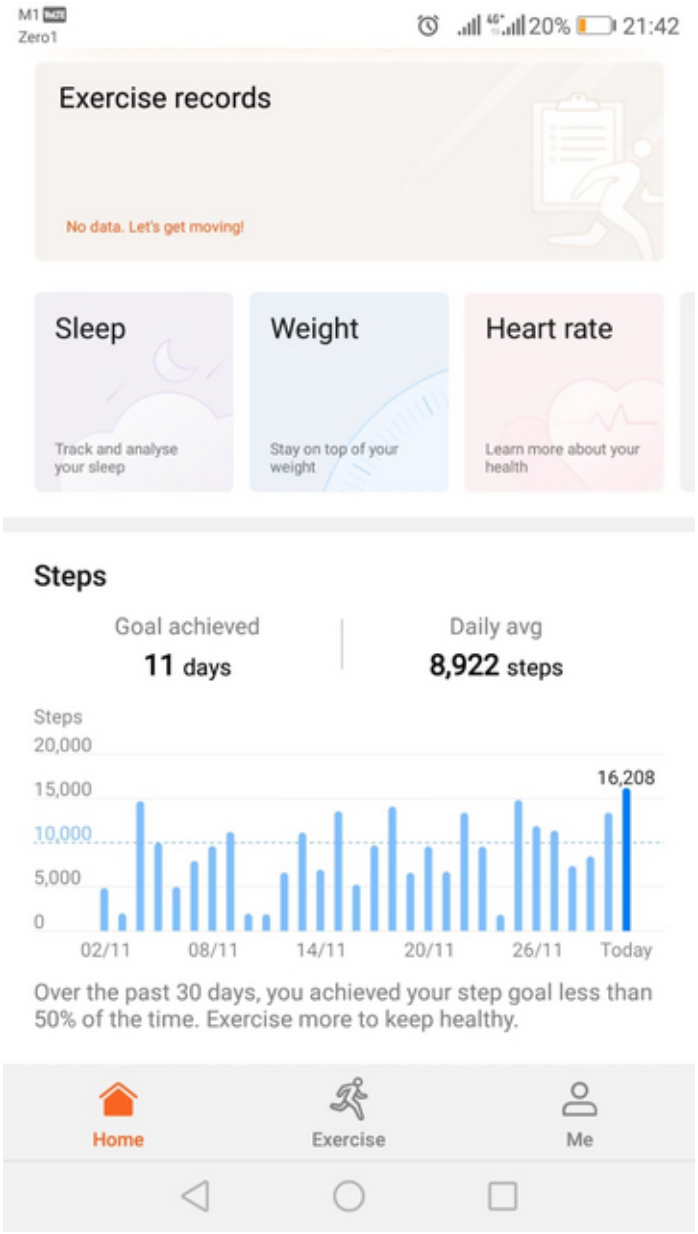
Going to Anime Festival Asia 2018 is Good Exercise For Me (2018-12-02 10:40) - Turritopsis Dohrnii Teo En Ming

I walked 11.6 km or 16,208 steps on Day 2 of Anime Festival Asia 2018 (Saturday).



Teo En Ming's Exercise Records for November 2018 (2018-12-02 10:38) - Turritopsis Dohrnii Teo En Ming



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3.2 November

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Teo En Ming's Global Information Technology Articles (2018-11-13 10:01) - Turritopsis Dohrnii Teo En Ming

Subject/topic: Teo En Ming's Global Information Technology Articles
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You can search for Teo En Ming's information technology articles at the following international/global/world-wide forums.

[1] [1]https://groups.google.com

[2] [2]https://www.mail-archive.com/

[3] [3]https://markmail.org/

[4] [4]https://marc.info/

[5] [5]https://seclists.org/

1. https://groups.google.com/
2. https://www.mail-archive.com/
3. https://markmail.org/
4. https://marc.info/
5. https://seclists.org/

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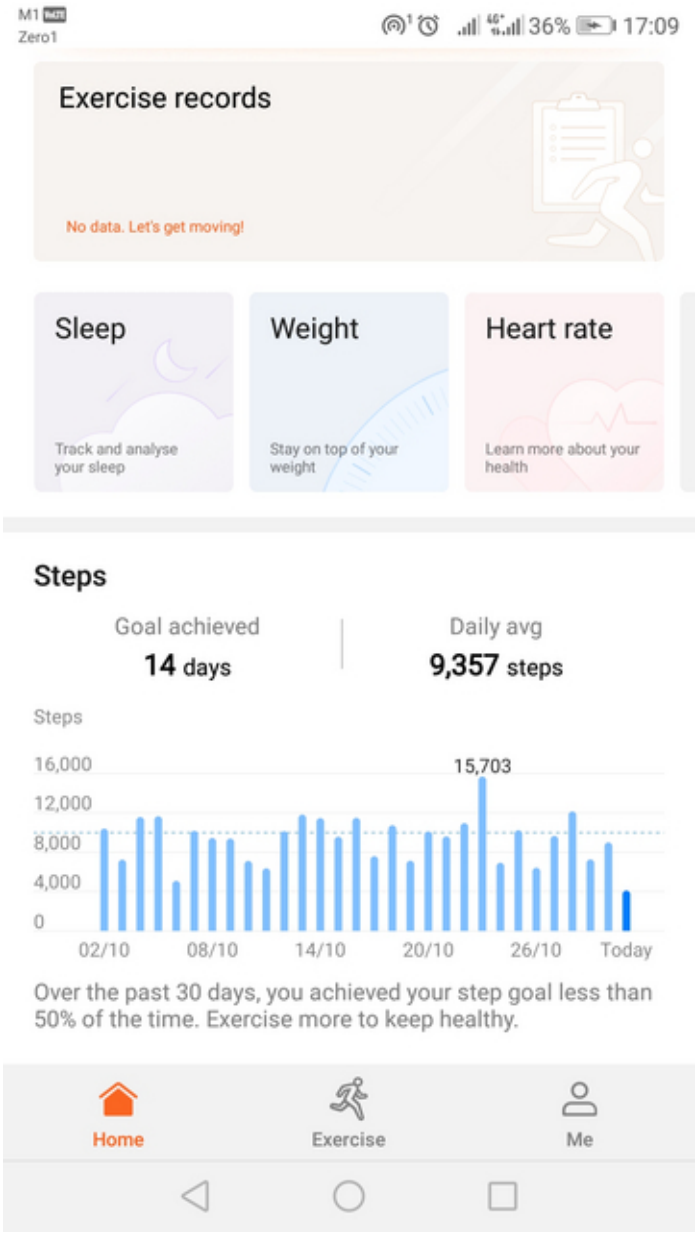
Teo En Ming's Exercise Records for October 2018 (2018-11-13 09:49) - Turritopsis Dohrnii Teo En Ming



3.3 October

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Unable to Repay $40,000 DBS Bank University Study Loan 11 Years After Graduation

(2018-10-29 16:36) - Turritopsis Dohrnii Teo En Ming

Subject/topic: Unable to Repay $40,000 DBS Bank University Study Loan 11 Years After Graduation
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In 2001, at the age of 23, Teo En Ming was admitted to the Faculty of Engineering at the National University of Singapore (NUS). To finance his university education, he had taken a $40,000 University Study Loan from DBS Bank in Singapore.

Six years later, at the age of 28 (December 2006), Teo En Ming managed to graduate from NUS with a Bachelor's degree (2nd class lower honours) in Mechanical Engineering.

In 2007, the Singapore Government covertly punished Teo En Ming by making him hear government voices constantly every day. This happened until December 2011 when Teo En Ming discovered that he is a Targeted Individual. Targeted individuals are persons who are persecuted, targeted and marked by the government.

In 2012, Teo En Ming tried to go back to the workforce but was hampered by numerous job terminations. The Singapore Government had presumably pressurized numerous companies into terminating his employment, so much so that he has extreme difficulties sustaining any job for long.

Today, on 29th October 2018, at the age of 40, Teo En Ming is still unable to repay the $40,000 University Study Loan he had taken from DBS Bank in Singapore.

Teo En Ming is now into middle age. The Singapore Government has deprived Teo En Ming of his golden years.

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THE SINGAPORE GOVERNMENT TOOK AWAY MY GOLDEN YEARS (2018-10-23 09:09) - Turritopsis Dohrnii Teo En Ming

YES, I AM EXTREMELY BITTER ABOUT IT. WHO WOULDN'T BE? MAYBE BITTER IS AN UNDER-STATEMENT.

I AM SURE DR. CHIA THYE POH FEELS THE SAME WAY TOO, ALTHOUGH HE DIDN'T WANT TO SAY IT.

READ MORE HERE:

[1]http://tdtemcerts.blogspot.com/2018/10/403-forbidden-by-singapore-gove rnment.html

1. http://tdtemcerts.blogspot.com/2018/10/403-forbidden-by-singapore-government.html

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So Many Millionaires in Singapore, But Teo En Ming Lives in a HDB One-Room Rental Flat for the Poor (2018-10-20 14:26) - Turritopsis Dohrnii Teo En Ming

Subject/topic: So Many Millionaires in Singapore, But Teo En Ming Lives in a HDB One-Room Rental Flat for the Poor

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According to this Business Times newspaper article, there are 183,737 millionaires in Singapore. But Teo En Ming is definitely not one of them. He lives in a HDB One-Room Rental Flat for the poor although he is a NUS university graduate.

Why is Teo En Ming so poor? It is because he is a Targeted Individual. Targeted Individuals are persons who are persecuted, targeted, and marked by the government.

183,737 millionaires in Singapore, up 11%

Household wealth here up 7.4%; wealth per adult at No. 9 globally

The ranks of the rich here grew significantly last year, on the back of soaring asset markets, a new report said yesterday.

It found that the number of millionaires in Singapore grew 11.2 per cent to 183,737 in the 12 months to the middle of this year.

The number is expected to grow by 5.5 per cent a year to reach 239,640 by 2023, according to the Credit Suisse Research Institute.

The number of Singapore's ultra-high net worth individuals – they have at least US$50 million (S$69 million) in wealth – rose more modestly, up 1.1 per cent to about 1,000.

Credit Suisse's study found that household wealth here grew by 7.4 per cent to around US$1.3 trillion.

That works out to US$283,000 for each adult, the ninth-highest in the world.

Singapore's wealth per adult has risen more than 146 per cent since 2000, mainly from high savings, asset price increases and a rising exchange rate from 2005 to 2012.

Financial assets make up 55 per cent of gross household wealth here, a ratio similar to that of Switzerland, the richest per capita economy.

Singapore's average debt of US$53,000, equal to 16 per cent of total assets, is moderate for a high-wealth country, Credit Suisse added.

The report also said aggregate global wealth rose 4.6 per cent to US$317 trillion in the same 12-month period, outpacing population growth.

The United States was the biggest contributor to global wealth, adding US$6.3 trillion. Its total wealth now stands at US$98 trillion.

China had the second-largest household wealth after adding US$2.3 trillion to reach US$52 trillion. Its wealth is projected to grow another US$23 trillion in the next five years to comprise 19 per cent of the global total by 2023.

Non-financial assets were the main growth drivers in all regions except North America, and accounted for 75 per cent of wealth growth in China and Europe, and 100 per cent in India.

"The United States and China are the obvious outperformers and drivers of wealth growth, despite rising trade tensions," noted Mr John Woods, Credit Suisse's chief investment officer for Asia-Pacific.

He added that asset price and exchange rate fluctuations had the heaviest impact in Latin America and parts of the Asia-Pacific, contributing to much of the year-on-year variation in wealth levels.

Currency depreciation against the US dollar also affected wealth trends in some major regional economies, such as Australia and India.

"The Asia-Pacific countries continue to make significant contribution to the global high-net-worth wealth pool, with China, Japan, Australia, (South) Korea and Taiwan making up more than 8.8 million millionaires, representing over 20 per cent of the global total," Mr Woods said.

The Asia-Pacific emerged as the largest wealth region, as household wealth grew 3 per cent to more than US$114 trillion.

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Straits Times: Housewife in Singapore Was Cheated of More Than $700,000 (2018-10-20 14:17) - Turritopsis Dohrnii Teo En Ming

Subject/topic: Straits Times: Housewife in Singapore Was Cheated of More Than $700,000
========== - ==========

Some time ago, the Straits Times reported that a housewife in Singapore was cheated of more than $700,000.

When I read the newspaper article, I cried so miserably for 13.82 billion years that the entire Universe was flooded. No, I was not sad for that housewife.

I was sad for myself. Why do I have no money and no savings AT ALL for other people to cheat?

How proud would I be if the Straits Times in Singapore were to report that I have been cheated of more than $700,000!

I will take $700,000 as a benchmark, meaning that most Singaporeans have more than $700,000.

Why does Teo En Ming have no savings at all? It is because Teo En Ming is a Targeted Individual (TI). Targeted individuals are persons who are persecuted, targeted, and marked by the government.

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403 Forbidden by Singapore Government to Work from 2007 to 2017 (10 years or a decade)

(2018-10-20 14:01) - Turritopsis Dohrnii Teo En Ming

Subject/topic: 403 Forbidden by Singapore Government to Work from 2007 to 2017 (10 years or a decade)
========== -
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At the age of 28, Teo En Ming graduated from the National University of Singapore (NUS) with a Bachelor's degree (2nd class lower honours) in mechanical engineering. He has two polytechnic diplomas, one in Mechatronics Engineering and another in Computer Networking. Both diplomas are from Singapore Polytechnic. The diploma in Mechatronics engineering was earned in 1998 while the diploma in Computer Networking was earned in 2017.

After university graduation in December 2006, Teo En Ming was forbidden by the Singapore Government to work and forbidden to earn money from 2007 to 2017.

Between 2007 and December 2011, Teo En Ming constantly heard government voices, or voices from the government.

After December 2011 and before November 2017, Teo En Ming tried to go back to the work force but was hampered by numerous job terminations. Why was Teo En Ming repeatedly being fired from jobs? It is because Teo En Ming is a Targeted Individual (TI). Targeted Individuals are persons who are persecuted, targeted and marked by the government. According to conservative estimates by the Washington Post or New York Times, there are more than 10,000 targeted individuals all over the world.

When Teo En Ming was not being fired from his job, he faces constant workplace mobbing. Workplace mobbing refers to being bullied at the workplace.

So between 2012 and November 2017, Teo En Ming was relegated to working as a lowly warehouse assistant, lowly packer at a vegetables stall, lowly supermarket cashier, lowly security guard, lowly McDonald's crew, and mediocre part-time jobs earning between mediocre $5 to $7 per hour, although he is a university graduate.

As at 20th October 2018, Teo En Ming is now 40 years old. Many employers in Singapore say they don't want to hire anybody above 35 years old. Teo En Ming has no clue about employment situations in other countries because he is too poor to travel frequently to various cities.

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Announcing the World Wide Release of 64-bit Teo En Ming Extremely Simply Linux 1810.11

(2018-10-13 10:29) - Turritopsis Dohrnii Teo En Ming

Announcing the World Wide Release of 64-bit Teo En Ming Extremely Simply Linux 1810.11
==========

FOR IMMEDIATE RELEASE
12 OCT 2018 FRIDAY

Teo En Ming Extremely Simple Linux 1810.11 (64-bit) is now generally available.

New feature:

1. Latest Linux kernel 4.18.12 (stable branch)

File name: Teo En Ming Extremely Simple Linux Successful.vmdk
File size: 230 MB

This is a VMware virtual harddisk file which can be used with VMware Workstation, VMware Player, or
Oracle VirtualBox virtual machine monitors.

Download link:

[1]https://drive.google.com/open?id=1F5Yt72kgn0i8PImWf3mlkxNUR1wr3p6E

YouTube video:

[2]https://www.youtube.com/watch?v=L5da1xdQ7Kw

1. `https://drive.google.com/open?id=1F5Yt72kgn0i8PImWf3mlkxNUR1wr3p6E`
2. `https://www.youtube.com/watch?v=L5da1xdQ7Kw`

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Will Teo En Ming be able to Emulate America's Billionaire Bill Gates? Will Teo En Ming be able to become a Crazy Rich Asian? (2018-10-13 10:20) - Turritopsis Dohrnii Teo En Ming

Will Teo En Ming be able to Emulate America's Billionaire Bill Gates? Will Teo En Ming be able to become a Crazy Rich Asian?

[1] [Linux Kernel] [Successful] Installation Notes for Teo En Ming Extremely Simple Linux 1810.11 on CentOS 6.10

Link:

[1]https://lkml.org/lkml/2018/10/11/1011

[2] [Linux From Scratch] [Successful] Installation Notes for Teo En Ming Extremely Simple Linux 1810.11 on CentOS 6.10

Link: [2]http://lists.linuxfromscratch.org/pipermail/lfs-chat/2018-Octobe r/028968.html

1. `https://lkml.org/lkml/2018/10/11/1011`
2. `http://lists.linuxfromscratch.org/pipermail/lfs-chat/2018-October/028968.html`

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[Successful] Installation Notes for Teo En Ming Extremely Simple Linux 1810.11 on CentOS 6.10

(2018-10-12 00:34) - Turritopsis Dohrnii Teo En Ming

```
[Successful] Installation Notes for Teo En Ming Extremely Simple Linux 1810.11
on CentOS 6.10
================================================================================
==============

Author: Mr. Turritopsis Dohrnii Teo En Ming
Country: Singapore
Date: 11th October 2018 Thursday

YouTube video: Teo En Ming Extremely Simple Linux 1810.11 (Successful)
URL: [1]https://www.youtube.com/watch?v=L5da1xdQ7Kw

STEPS
=====

001. Download CentOS 6.10 Linux from your favorite mirror.

002. Install CentOS 6.10 as an Oracle Virtualbox 5.2.18 virtual machine in
Windows 10 version 1803 host operating system.

003. During installation, choose "Software Development Workstation".

004. Click Next.

005. Click Reboot to complete the installation of CentOS 6.10.

006. On VirtualBox in Windows host, click Machine > Setttings > Network.

007. Choose Bridged Adapter. Please note that you CANNOT choose a Wireless LAN
adapter. Bridging with a Wireless LAN adapter will never work.

008. Login to CentOS 6.10 using Putty.

009. Search for gcc (GNU Compiler Collection).

[[2]teoenming at teo-en-ming-pc ~]$ rpm -qa | grep gcc
gcc-gfortran-4.4.7-23.el6.x86_64
gcc-4.4.7-23.el6.x86_64
gcc-c++-4.4.7-23.el6.x86_64
libgcc-4.4.7-23.el6.x86_64

010. Search for make.

[[3]teoenming at teo-en-ming-pc ~]$ rpm -qa | grep make
make-3.81-23.el6.x86_64
automake-1.11.1-4.el6.noarch

011. Search for ncurses.

[[4]teoenming at teo-en-ming-pc ~]$ rpm -qa | grep ncurses
```


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```
ncurses-libs-5.7-4.20090207.el6.x86_64
ncurses-devel-5.7-4.20090207.el6.x86_64
ncurses-5.7-4.20090207.el6.x86_64
ncurses-base-5.7-4.20090207.el6.x86_64

012. Search for perl.

[[5]teoenming at teo-en-ming-pc ~]$ rpm -qa | grep perl
<Super long list...snipped>

013. Search for grub (Grand Unified Boot Loader).

[[6]teoenming at teo-en-ming-pc ~]$ rpm -qa | grep grub
grubby-7.0.15-7.el6.x86_64
grub-0.97-99.el6.x86_64

Yay! Grub Legacy 0.97 is installed by default on CentOS 6.10.

014. Download the latest binutils-2.31

wget [7]https://ftp.gnu.org/gnu/binutils/binutils-2.31.tar.xz

015. Download the latest busybox-1.29.3

wget [8]https://busybox.net/downloads/busybox-1.29.3.tar.bz2

016. Download the latest Cross Linux From Scratch (CLFS) Bootscripts

wget
[9]http://ftp.osuosl.org/pub/clfs/conglomeration/clfs-embedded-bootscripts/clfs
-embedded-bootscripts-1.0-pre5.tar.bz2

017. Download the latest GNU Compiler Collection (gcc) version 8.2.0

wget [10]https://ftp.gnu.org/gnu/gcc/gcc-8.2.0/gcc-8.2.0.tar.xz

018. Download the latest GNU C Programming Library version 2.28

wget [11]https://ftp.gnu.org/gnu/glibc/glibc-2.28.tar.xz

019. Download the latest gmp-6.1.2

wget [12]https://ftp.gnu.org/gnu/gmp/gmp-6.1.2.tar.bz2

020. Download the latest Linux Kernel version 4.18.12 (stable branch)

wget [13]https://cdn.kernel.org/pub/linux/kernel/v4.x/linux-4.18.12.tar.xz

021. Download the latest mpc-1.1.0

wget [14]https://ftp.gnu.org/gnu/mpc/mpc-1.1.0.tar.gz

022. Download the latest mpfr-4.0.1
```

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```
wget [15]https://ftp.gnu.org/gnu/mpfr/mpfr-4.0.1.tar.xz

023. Download the latest zlib-1.2.11

wget [16]https://zlib.net/zlib-1.2.11.tar.gz

>From now on, follow Petros Koutoupis' guide at Linux Journal.

[Guide] DIY: Build a Custom Minimal Linux Distribution from Source
Link:
[17]https://www.linuxjournal.com/content/diy-build-custom-minimal-linux-distrib
ution-source

Follow the instructions until the section "Building the Cross Compiler".

At the Kernel Headers sub-section,

025. Extract the latest Linux Kernel 4.18.12 (stable branch)

tar xfvJ linux-4.18.12.tar.xz

026. Change directory into the Linux Kernel 4.18.12 source code directory

cd linux-4.18.12

Then continue following the instructions.

At the section on Glibc, glibc-2.28 (C Programming Library version
2.28) won't compile.

So we will use glibc-2.27 (C Programming Library version 2.27) instead.

027. Download C Programming Library version 2.27

wget [18]https://ftp.gnu.org/gnu/glibc/glibc-2.27.tar.xz

Glibc 2.27 also cannot compile because the installed bison is too old.
Glibc 2.28 down to Glibc 2.21 requires bison 2.7 or later.
But bison 2.4 is installed by default on CentOS 6.10.

We will need to use glibc 2.20 as it DOES NOT depend on bison.

028. Download C Programming Library version 2.20

wget [19]http://ftp.gnu.org/gnu/glibc/glibc-2.20.tar.xz

Continue following the instructions from the section Zlib until the command

sudo grub-install --root-directory=/home/teoenming/tmp/ /dev/sdb

This is the output of the command grub-install:
```


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```
Probing devices to guess BIOS drives. This may take a long time.
Installation finished. No error reported.
This is the contents of the device map
/home/teoenming/tmp/boot/grub/device.map.
Check if this is correct or not. If any of the lines is incorrect,
fix it and re-run the script `grub-install'.

(fd0)   /dev/fd0
(hd0)   /dev/sda
(hd1)   /dev/sdb

SUPER IMPORTANT NOTICE
======================

If you are using GRUB Legacy 0.97 in CentOS 6.10, please DO NOT use
/boot/grub/grub.cfg as provided by
Petros Koutoupis at Linux Journal. /boot/grub/grub.cfg as provided by Petros is
meant for GRUB2 only.

029. Rename /boot/grub/grub.cfg

mv /boot/grub/grub.cfg /boot/grub/grub.cfg.bak

030. Create Grub Legacy 0.97 Configuration File /boot/grub/menu.lst

031. The contents of /boot/grub/menu.lst are as follows:

default 0
timeout 60

title Teo En Ming Extremely Simple Linux 1810.11
root (hd0,0)
kernel /boot/vmlinuz-4.18.12 root=/dev/sda1 ro quiet

032. Run grub-install again.

# grub-install --root-directory=/home/teoenming/tmp /dev/sdb

*This will create a symbolic link /boot/grub/grub.conf which points to
/boot/grub/menu.lst*

033. Reboot Teo En Ming Extremely Simple Linux 1810.11. You will see Grub
Legacy 0.97 operating system selection menu
showing up now.

034. Congratulations! I have solved all the problems and I have successfully
created a custom minimal Linux distribution which looks a bit like MS-DOS.
Please watch my YouTube video(s).
```

1. https://www.youtube.com/watch?v=L5da1xdQ7Kw
2. http://lists.linuxfromscratch.org/listinfo/lfs-chat
3. http://lists.linuxfromscratch.org/listinfo/lfs-chat
4. http://lists.linuxfromscratch.org/listinfo/lfs-chat
5. http://lists.linuxfromscratch.org/listinfo/lfs-chat

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6. http://lists.linuxfromscratch.org/listinfo/lfs-chat
7. https://ftp.gnu.org/gnu/binutils/binutils-2.31.tar.xz
8. https://busybox.net/downloads/busybox-1.29.3.tar.bz2
9. http://ftp.osuosl.org/pub/clfs/conglomeration/clfs-embedded-bootscripts/clfs-embedded-bootscripts-1.0-pre5.tar.bz2
10. https://ftp.gnu.org/gnu/gcc/gcc-8.2.0/gcc-8.2.0.tar.xz
11. https://ftp.gnu.org/gnu/glibc/glibc-2.28.tar.xz
12. https://ftp.gnu.org/gnu/gmp/gmp-6.1.2.tar.bz2
13. https://cdn.kernel.org/pub/linux/kernel/v4.x/linux-4.18.12.tar.xz
14. https://ftp.gnu.org/gnu/mpc/mpc-1.1.0.tar.gz
15. https://ftp.gnu.org/gnu/mpfr/mpfr-4.0.1.tar.xz
16. https://zlib.net/zlib-1.2.11.tar.gz
17. https://www.linuxjournal.com/content/diy-build-custom-minimal-linux-distribution-source
18. https://ftp.gnu.org/gnu/glibc/glibc-2.27.tar.xz
19. http://ftp.gnu.org/gnu/glibc/glibc-2.20.tar.xz

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Will Teo En Ming be able to Emulate America's Billionaire Bill Gates? Will Teo En Ming be able to become a Crazy Rich Asian? (2018-10-11 10:17) - Turritopsis Dohrnii Teo En Ming

Will Teo En Ming be able to Emulate America's Billionaire Bill Gates? Will Teo En Ming be able to become a Crazy Rich Asian?

(1) [Linux Kernel] Installation Notes for Teo En Ming Extremely Simple Linux 1810.08

Link: [1]https://lkml.org/lkml/2018/10/10/190

(2) [Linux from Scratch] Installation Notes for Teo En Ming Extremely Simple Linux 1810.08

Link: [2]http://lists.linuxfromscratch.org/pipermail/lfs-chat/2018-Octobe r/028964.html

1. https://lkml.org/lkml/2018/10/10/190
2. http://lists.linuxfromscratch.org/pipermail/lfs-chat/2018-October/028964.html

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Installation Notes for Teo En Ming Extremely Simple Linux 1810.08 (2018-10-10 16:04) - Turritopsis Dohrnii Teo En Ming

```
Installation Notes for Teo En Ming Extremely Simple Linux 1810.08
=================================================================

Definitely must watch YouTube video:
[1]https://www.youtube.com/watch?v=YrJADssqaQU

Author: Mr. Turritopsis Dohrnii Teo En Ming
Country: Singapore

Start: 8th October 2018 Monday 10:00 PM Singapore Time GMT+8
End: 9th October 2018 Tuesday 2:30 AM Singapore Time GMT+8

NOTE: Compiling a Linux operating system on Intel Core i7-5820K (6
cores) will take
approximately 4.5 hours.

Steps
=====

001. Download CentOS 7.5 1804 from the mirror at National University
of Singapore (NUS)
[2]http://mirror.nus.edu.sg/centos/7.5.1804/isos/x86_64/CentOS-7-x86_64-DVD-180
4.iso

002. Install CentOS 7.5 1804 as an Oracle VirtualBox 5.2.18 virtual
machine in Windows 10 version 1803 host operating system.

003. During Software Selection, choose *Development and Creative
Workstation*. This is mandatory for compiling software and
operating systems.

004. Click Additional Development.

005. Click Development Tools.

006. Click Perl for Web.

007. Click Platform Development.

008. Click Done.

009. After completing installation, login to CentOS 7.5 1804 using Putty.

010. Search for gcc (GNU Compiler Collection).

[teoenming@centos ~]$ rpm -qa | grep gcc
gcc-4.8.5-28.el7.x86_64
gcc-c++-4.8.5-28.el7.x86_64
gcc-gfortran-4.8.5-28.el7.x86_64
libgcc-4.8.5-28.el7.x86_64
```


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```
011. Search for make.

[teoenming@centos ~]$ rpm -qa | grep make
make-3.82-23.el7.x86_64
automake-1.13.4-3.el7.noarch
cmake-2.8.12.2-2.el7.x86_64

012. Search for ncurses.

[teoenming@centos ~]$ rpm -qa | grep ncurses
ncurses-base-5.9-14.20130511.el7_4.noarch
ncurses-devel-5.9-14.20130511.el7_4.x86_64
ncurses-5.9-14.20130511.el7_4.x86_64
ncurses-libs-5.9-14.20130511.el7_4.x86_64

013. Search for perl.

[teoenming@centos ~]$ rpm -qa | grep perl
<Super long list...snipped>

014. Search for grub (Grand Unified Boot Loader).

[root@centos ~]# rpm -qa | grep grub
grub2-pc-modules-2.02-0.65.el7.centos.2.noarch
grubby-8.28-23.el7.x86_64
grub2-2.02-0.65.el7.centos.2.x86_64
grub2-common-2.02-0.65.el7.centos.2.noarch
grub2-tools-minimal-2.02-0.65.el7.centos.2.x86_64
grub2-tools-extra-2.02-0.65.el7.centos.2.x86_64
grub2-tools-2.02-0.65.el7.centos.2.x86_64
grub2-pc-2.02-0.65.el7.centos.2.x86_64

***Apparently GRUB Legacy 0.97 has been deprecated on CentOS 7.5.
GRUB2 is now installed by default on CentOS 7.5.***

015. Download the latest binutils-2.31

wget [3]https://ftp.gnu.org/gnu/binutils/binutils-2.31.tar.xz

016. Download the latest busybox-1.29.3

wget [4]https://busybox.net/downloads/busybox-1.29.3.tar.bz2

017. Download the latest Cross Linux From Scratch (CLFS) Bootscripts

wget
[5]http://ftp.osuosl.org/pub/clfs/conglomeration/clfs-embedded-bootscripts/clfs
-embedded-bootscripts-1.0-pre5.tar.bz2

018. Download the latest GNU Compiler Collection (gcc) version 8.2.0

wget [6]https://ftp.gnu.org/gnu/gcc/gcc-8.2.0/gcc-8.2.0.tar.xz
```

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019. Download the latest C Programming Library version 2.28

wget [7]https://ftp.gnu.org/gnu/glibc/glibc-2.28.tar.xz

020. Download the latest gmp-6.1.2

wget [8]https://ftp.gnu.org/gnu/gmp/gmp-6.1.2.tar.bz2

021. Download the latest Linux Kernel version 4.18.12 (stable branch)

wget [9]https://cdn.kernel.org/pub/linux/kernel/v4.x/linux-4.18.12.tar.xz

022. Download the latest mpc-1.1.0

wget [10]https://ftp.gnu.org/gnu/mpc/mpc-1.1.0.tar.gz

023. Download the latest mpfr-4.0.1

wget [11]https://ftp.gnu.org/gnu/mpfr/mpfr-4.0.1.tar.xz

024. Download the latest zlib-1.2.11

wget [12]https://zlib.net/zlib-1.2.11.tar.gz

From now on, follow Petros Koutoupis' guide at Linux Journal.

[Guide] DIY: Build a Custom Minimal Linux Distribution from Source
Link:
[13]https://www.linuxjournal.com/content/diy-build-custom-minimal-linux-distrib
ution-source

Follow the instructions until the section "Building the Cross Compiler".

At the Kernel Headers sub-section,

025. Extract the latest Linux Kernel 4.18.12 (stable branch)

tar xfvJ linux-4.18.12.tar.xz

026. Change directory into the Linux Kernel 4.18.12 source code directory

cd linux-4.18.12

Then continue following the instructions.

At the section on Glibc, glibc-2.28 (C Programming Library version
2.28) won't compile.

So we will use glibc-2.27 (C Programming Library version 2.27) instead.

027. Download C Programming Library version 2.27

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```
wget [14]https://ftp.gnu.org/gnu/glibc/glibc-2.27.tar.xz

At "The Bootscripts" section, modify Makefile in the root directory as follows.
You *CANNOT* copy and paste the following code section into a
patchfile and use the patch command
patch -p0 <patchfile

@@ -19,7 +19,9 @@ dist:
        rm -rf "dist/clfs-embedded-bootscripts-$(VERSION)"

 create-dirs:
-       install -d -m ${DIRMODE} ${EXTDIR}/rc.d/{init.d,start,stop}
+       install -d -m ${DIRMODE} ${EXTDIR}/rc.d/init.d
+       install -d -m ${DIRMODE} ${EXTDIR}/rc.d/start
+       install -d -m ${DIRMODE} ${EXTDIR}/rc.d/stop

 install-bootscripts: create-dirs
        install -m ${CONFMODE} clfs/rc.d/init.d/functions
${EXTDIR}/rc.d/init.d/
Now it is time to install the target image.

At the section on "Installing the Target Image", we *CANNOT* use the
grub-install command since GRUB Legacy 0.97
has been deprecated on CentOS 7.5. GRUB2 is installed by default on CentOS 7.5.

Since I am no expert on the Grand Unified Boot Loader (GRUB), I am
going to use the GRUB2 grub2-install command.

028. grub2-install --root-directory=/home/teoenming/tmp/ /dev/sdb

/dev/sdb is another virtual harddisk in Oracle Virtualbox 5.2.18.

Although GRUB2 is installed in Teo En Ming Extremely Simple Linux
1810.08, I am not seeing any operating system selection menu.
This is because /boot/grub/grub.cfg as seen in Petros' instructions is
defined for GRUB Legacy 0.97 only.
You will see a grub> prompt instead.

At the grub> prompt, execute the following commands.

grub> linux /boot/vmlinuz-4.18.12 root=/dev/sda1 ro quiet
grub> boot

Teo En Ming Extremely Simple Linux 1810.08 will now boot up.

Please watch my YouTube video at
[15]https://www.youtube.com/watch?v=YrJADssqaQU

Question: Should I use CentOS 6 as my development workstation instead?
This is because CentOS 6 will definitely have GRUB Legacy.
```

1. https://www.youtube.com/watch?v=YrJADssqaQU
2. http://mirror.nus.edu.sg/centos/7.5.1804/isos/x86_64/CentOS-7-x86_64-DVD-1804.iso
3. https://ftp.gnu.org/gnu/binutils/binutils-2.31.tar.xz

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4. https://busybox.net/downloads/busybox-1.29.3.tar.bz2
5. http://ftp.osuosl.org/pub/clfs/conglomeration/clfs-embedded-bootscripts/clfs-embedded-bootscripts-1.0-pre5.tar.bz2
6. https://ftp.gnu.org/gnu/gcc/gcc-8.2.0/gcc-8.2.0.tar.xz
7. https://ftp.gnu.org/gnu/glibc/glibc-2.28.tar.xz
8. https://ftp.gnu.org/gnu/gmp/gmp-6.1.2.tar.bz2
9. https://cdn.kernel.org/pub/linux/kernel/v4.x/linux-4.18.12.tar.xz
10. https://ftp.gnu.org/gnu/mpc/mpc-1.1.0.tar.gz
11. https://ftp.gnu.org/gnu/mpfr/mpfr-4.0.1.tar.xz
12. https://zlib.net/zlib-1.2.11.tar.gz
13. https://www.linuxjournal.com/content/diy-build-custom-minimal-linux-distribution-source
14. https://ftp.gnu.org/gnu/glibc/glibc-2.27.tar.xz
15. https://www.youtube.com/watch?v=YrJADssqaQU

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Welcome to Teo En Ming Corporation Online Store! (2018-10-05 23:06) - Turritopsis Dohrnii Teo En Ming

Start your wonderful shopping experience at [1]https://store.teo-en-ming-corp.com

1. `https://store.teo-en-ming-corp.com/`

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Will Teo En Ming be able to Emulate China's Centillionaire Jack Ma? Will Teo En Ming be able to become a Crazy Rich Asian? (2018-10-05 23:03) - Turritopsis Dohrnii Teo En Ming

[Linux From Scratch] ERRATA to cPanel and WHM 11.74 Deployment Manual

[1]http://lists.linuxfromscratch.org/pipermail/lfs-chat/2018-October/0289 61.html

1. `http://lists.linuxfromscratch.org/pipermail/lfs-chat/2018-October/028961.html`

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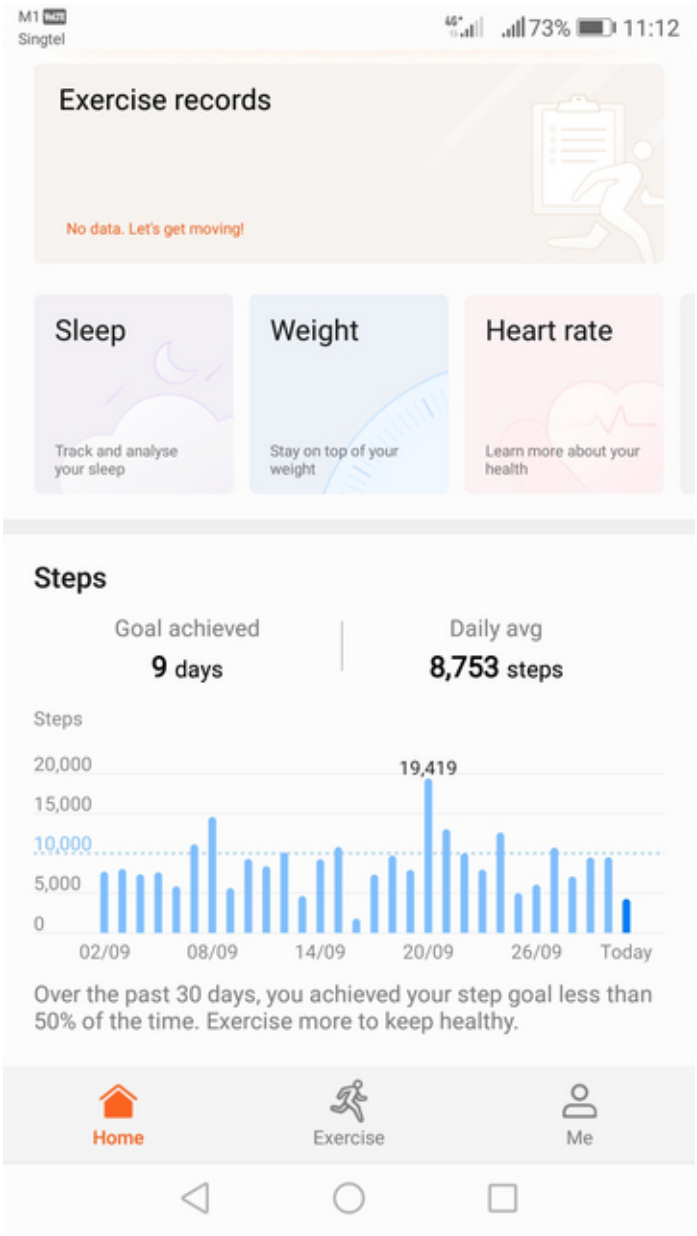
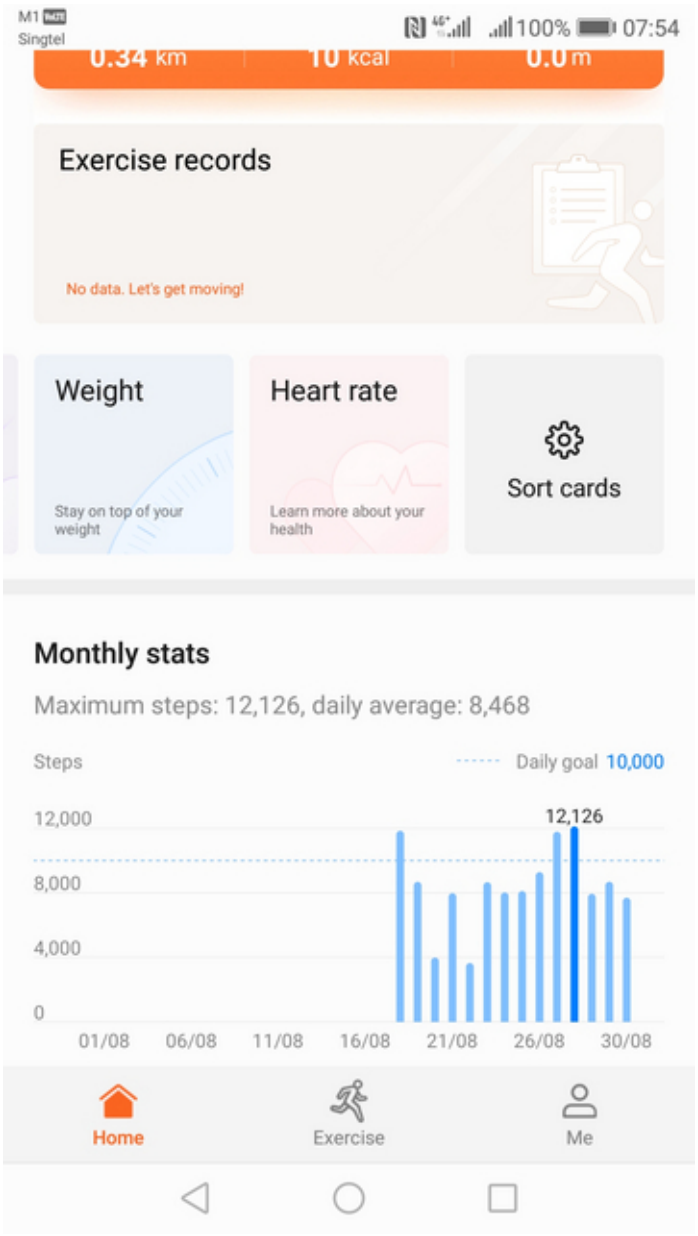
Teo En Ming's Exercise Records for September 2018 (2018-10-05 22:59) - Turritopsis Dohrnii Teo En Ming



Teo En Ming's Exercise Records for August 2018 (2018-10-05 22:57) - Turritopsis Dohrnii Teo En Ming



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ERRATA to cPanel and WHM 11.74 Deployment Manual (2018-10-03 22:02) - Turritopsis Dohrnii Teo En Ming

ERRATA to cPanel and WHM 11.74 Deployment Manual
==========

AUTHOR: MR. TURRITOPSIS DOHRNII TEO EN MING
COUNTRY: SINGAPORE
DATE: 3RD OCTOBER 2018 WEDNESDAY
TIME: 9:28 PM SINGAPORE TIME GMT+8

Document Version: 1810.01

Error Symptoms:

Added DNS host record to cPanel virtual server and synchronized to all name servers but it cannot be queried. Problem was described at
[1]https://forums.cpanel.net/threads/dns-records-are-not-synchronizing.6386 73/
This thread was started by Teo En Ming.

Cause:

My DNS Cluster was configured correctly and also synchronizing correctly as well.
However, there are THREE (3) zone files which contain the same domain name teo-en-ming-corp.com, which causes great confusion for the BIND DNS server.
As a result, DNS host record which is added and synchronized successfully could not be queried.
There should be only one zone file for one domain name.

Resolution
==========

Chapter 1 Delete All DNS Zones Which Contain the Same Domain Name teo-en-ming-corp.com
==========

1. Click DNS Functions > Delete a DNS Zone
2. Choose a zone which contain teo-en-ming-corp.com to delete.
3. Click Delete.
4. Repeat Steps 2 to 3 until all zones which contain the same domain name teo-en-ming-corp.com have been deleted.

Chapter 2 Create a New DNS Zone
==========

1. Click DNS Functions > Add a DNS Zone.
2. Under IPv4 address, key in 18.223.26.190 which is the IP address of the main cPanel server.
3. Under Domain, key in teo-en-ming-corp.com
4. There is no need to associate this zone with any account.
5. Click Add Zone.
6. A default zone will be created.

Chapter 3 Editing DNS Zone and Adding Mandatory DNS Host Records
==========

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1. Click DNS Functions > Edit DNS Zone
2. Choose teo-en-ming-corp.com
3. Click Edit.
4. The following steps are to be performed under the section Add New Entries Below this Line
5. Key in store, Select A record, and key in 18.223.148.223.
6. Key in ns1, Select A record, and key in 13.58.134.234.
7. Key in ns2, Select A record, and key in 52.15.109.147.
8. Click Automatically Detect Configuration: Local (recommended).
9. Click Save.
10. The main cPanel server will automatically synchronize this DNS zone and all DNS records to all name servers.

Chapter 4 How Your Final BIND DNS Zone File Will Look Like
==========

; cPanel first:74.0.8 (update _time):1538570173 Cpanel::ZoneFile::VERSION:1.3 hostname:ns1.teo-en-ming-corp.com latest:74.0.6
; Zone file for teo-en-ming-corp.com
$TTL 14400
teo-en-ming-corp.com. 86400 IN SOA ns1.teo-en-ming-corp.com. teo.en.ming.gmail.com. (
2018100304 ;Serial Number
3600 ;refresh
7200 ;retry
1209600 ;expire
86400 ;minimum
)
teo-en-ming-corp.com. 86400 IN NS ns1.teo-en-ming-corp.com.
teo-en-ming-corp.com. 86400 IN NS ns2.teo-en-ming-corp.com.
teo-en-ming-corp.com. 14400 IN A 18.223.26.190
teo-en-ming-corp.com. 14400 IN MX 0 teo-en-ming-corp.com.
mail 14400 IN CNAME teo-en-ming-corp.com.
www 14400 IN CNAME teo-en-ming-corp.com.
ftp 14400 IN CNAME teo-en-ming-corp.com.
store 14400 IN A 18.223.148.223
ns1 14400 IN A 13.58.134.234
ns2 14400 IN A 52.15.109.147

Chapter 5 How to Perform DNS Lookup with DIG
==========

The Linux shell command is:

dig @localhost teo-en-ming-corp.com

1. https://forums.cpanel.net/threads/dns-records-are-not-synchronizing.638673/

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3.4 September

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Welcome to Teo En Ming Corporation Online Store! (2018-09-29 09:45) - Turritopsis Dohrnii Teo En Ming

Visit [1]https://store.teo-en-ming.com to start your online shopping experience!

1. `https://store.teo-en-ming.com/`

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Will Teo En Ming be able to Emulate China's Centillionaire Jack Ma? Will Teo En Ming be able to become a Crazy Rich Asian? (2018-09-29 09:34) - Turritopsis Dohrnii Teo En Ming

Will Teo En Ming be able to Emulate China's Centillionaire Jack Ma? Will Teo En Ming be able to become a Crazy Rich Asian?

Step-by-Step Tutorial: How to Setup Your Own e-Commerce Online Store using WooCommerce 3.4.5, Wordpress 4.9.8, and CentOS 1805 (LAMP) in Amazon AWS Cloud

[Linux Kernel]

[1]https://lkml.org/lkml/2018/9/29/179

1. `https://lkml.org/lkml/2018/9/29/179`

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Step-by-Step Tutorial: How to Setup Your Own e-Commerce Online Store using WooCommerce 3.4.5, Wordpress 4.9.8, and CentOS 1805 (LAMP) in Amazon AWS Cloud (2018-09-29 07:57) - Turritopsis Dohrnii Teo En Ming

Step-by-Step Tutorial: How to Setup Your Own e-Commerce Online Store using WooCommerce 3.4.5, Wordpress 4.9.8, and CentOS 1805 (LAMP) in Amazon AWS Cloud

Author: Mr. Turritopsis Dohrnii Teo En Ming

Country: Singapore

Date: 28th September 2018 Friday

Document Version: 1809.01

Abbreviations

==========

LAMP: Linux + Apache Web Server + MySQL/MariaDB + PHP

WAMP: Windows + Apache Web Server + MySQL/MariaDB + PHP

SECTION 1 CREATING YOUR CENTOS 7.5 (1805) LINUX INSTANCE

==========

001. Login to Amazon Web Services.

002. Click Services > Compute > EC2.

003. Click Network & Security > Key Pairs

004. Click Create Key Pair.

005. Enter your key pair name. Then click Create.

006. Be sure to download your private key in the form of a .PEM file. You will need to convert it to a .PPK file later.

007. Click Instances > Instances.

008. Click Launch Instance.

009. Click AWS Marketplace.

010. Search for CentOS.

011. Select CentOS 7 (x86 _64) - with Updates HVM Amazon Machine Image (AMI).

012. Click Continue.

013. Select General Purpose, t2.micro, 1 vCPU, 1 GB RAM (FREE TIER ELIGIBLE).

014. Click Next: Configure Instance Details.

015. Select Network: <Your VPC network>

016. Select Subnet: <Your subnet>

017. Click Protect against accidental termination.

018. Click Next: Add Storage.

019. Click Next: Add Tags. Click Add tag.

020. Enter Key = Name and Value = Online Store.

021. Click Next: Configure Security Group

022. Click Select an existing security group.

023. Select VS _SG (Virtual Server Security Group).

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024. Click Review and Launch. Click Launch.

025. Select a key pair. Click Launch Instances.

026. Click View Instances.

027. Click Network & Security > Elastic IPs.

028. Select an unused IPv4 address.

029. Click Actions > Associate address.

030. Select the Online Store instance.

031. Click Allow Elastic IP to be reassociated if already attached.

032. Click Associate. Click Close.

033. Login to CentOS 7.5 Linux using Putty.

SECTION 2 INSTALLING WORDPRESS 4.9.8

==========

034. sudo yum install php php-mysql php-devel php-gd php-pecl-memcache php-pspell php-snmp php-xmlrpc php-xml

Guide: How To Install MySQL / MariaDB on CentOS 7

Link: [1] https://www.liquidweb.com/kb/how-to-install-mysql-mariadb-on-centos-7/

035. sudo yum -y install mariadb-server mariadb

036. sudo yum install wget

Guide: Installing WordPress: Detailed Instructions

Link: [2] https://codex.wordpress.org/Installing _WordPress #Detailed _Instructions

037. wget [3] https://wordpress.org/latest.tar.gz

038. tar xfvz latest.tar.gz

039. sudo passwd root

040. su -

041. systemctl start mariadb

042. systemctl enable mariadb

043. mysql

044. MariaDB [(none)]> CREATE DATABASE wordpress;

045. MariaDB [(none)]> GRANT ALL PRIVILEGES ON wordpress.* TO "wordpress"@"localhost" IDENTIFIED BY "password";

046. MariaDB [(none)]> FLUSH PRIVILEGES;

047. MariaDB [(none)]> EXIT

048. cd /home/centos/wordpress

AFAIK Wordpress 4.9.8 cannot be installed in a subdirectory. If you encounter a HTTP error code 500 doing so, be sure to check the Apache Web Server error logs, that is, tail -f /var/log/httpd/error _log.

049. cp -R * /var/www/html

050. systemctl start httpd

051. systemctl enable httpd

052. sudo yum install nano

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053. nano /etc/httpd/conf/httpd.conf

054. Append the following line

AddType application/x-httpd-php .php

055. systemctl restart httpd

Wordpress 4.9.8's PHP code won't execute on php-5.4.16, which is installed by default on CentOS 7.5. It will return a HTTP error code of 500. Install PHP-7.2.10 instead.

Guide: How to Install PHP 7 in CentOS 7

Link: [4] https://www.tecmint.com/install-php-7-in-centos-7/

056. yum install [5] https://dl.fedoraproject.org/pub/epel/epel-release-latest-7.noarch.rpm

057. yum install [6] http://rpms.remirepo.net/enterprise/remi-release-7.rpm

058. yum install yum-utils

You will need minimum PHP 7.2.

059. yum-config-manager –enable remi-php72

060. yum install php php-mcrypt php-cli php-gd php-curl php-mysql php-ldap php-zip php-fileinfo

061. php -v

PHP 7.2.10 is now installed.

062. systemctl stop httpd & & systemctl start httpd

063. Go to http://<IP _address _of _eCommerce _Online _Store>

064. Click Let's go!

065. Fill in the following MySQL/MariaDB database connection information.

Database Name: wordpress

Username: wordpress

Password: password

Database Host: localhost

Table Prefix: wp _

066. Click Submit.

067. cd /var/www/html

068. nano wp-config.php

069. Copy and paste the contents of wp-config.php shown on the Wordpress installation screen on your browser.

070. Click Run the installation.

071. Fill in the following information.

Site Title: Teo En Ming Corporation Online Store

Username: admin

Password: password

Your email: [7] user@example.com

Uncheck Discourage search engines from indexing this site

072. Click Install wordpress.

073. Click Login.

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SECTION 3 INSTALLING WOOCOMMERCE 3.4.5

==========

Follow the WooCommerce installation guide here:

[8] https://docs.woocommerce.com/document/installing-uninstalling-woocommerce/

074. Login to your new wordpress site.

075. Click Plugins > Add new.

076. Search for WooCommerce.

077. Click Install Now on WooCommerce by Automattic.

Installing FTP Server in CentOS 7.5.

Guide: How to Install and Configure vsftpd on CentOS 7

Link: [9] https://www.liquidweb.com/kb/how-to-install-and-configure-vsftpd-on-centos-7/

078. sudo yum -y install vsftpd

079. sudo nano /etc/vsftpd/vsftpd.conf

anonymous _enable=NO

local _enable=YES

write _enable=YES

chroot _local _user=YES

080. sudo systemctl restart vsftpd

081. sudo systemctl enable vsftpd

082. sudo passwd centos

Change National Security Agency (NSA)’s SELinux mode.

083. sudo nano /etc/selinux/config

SELINUX=permissive

084. reboot

085. su -

086. echo ’allow _writeable _chroot=YES’ >> /etc/vsftpd/vsftpd.conf

087. systemctl restart vsftpd

088. Go back to WooCommerce installation page on your browser.

089. Fill in the Connection Information.

Hostname: <IP address of e-Commerce Online Store>

FTP Username: ftpuser

FTP Password: password

Connection type: FTP

090. Click Proceed.

Installation failed: Unable to locate WordPress content directory (wp-content).

To resolve this issue, see [10] https://wordpress.stackexchange.com/questions/206022/unable-to-locate-wordpress-content-directory-wp-content

091. cd /var/www/html

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092. nano wp-config.php

Append the following lines

if(is _admin()) {

add _filter(’filesystem _method’, create _function(’ $a’, ’return "direct";’));

define(’FS _CHMOD _DIR’, 0751);

}

093. Go back to WooCommerce installation page.

094. Fill in the Connection Information.

Hostname: <IP address of e-Commerce Online Store>

FTP Username: ftpuser

FTP Password: password

Connection type: FTP

095. Click Proceed.

WooCommerce will be installed.

096. Click Activate.

097. Click Run the Setup Wizard.

098. WooCommerce Store setup page:

Where is your store based? Singapore

Address: Singapore

City: Singapore

Postcode/ZIP: 123456

What currency do you accept payments in? Singapore dollar ($ / SGD)

What type of products do you plan to sell? I plan to sell both physical and digital products

Check I will also be selling products or services in person.

Check Help WooCommerce improve with usage tracking.

099. Click Let’s go!

100. WooCommerce Payment page:

Stripe: Enabled

Click Create a new Stripe account for me

Paypal: Enabled

Click Accept payments without linking a PayPal account

Expand Offline Payments.

Check Payments: Enabled

Bank transfer (BACS) payments: Enabled

Cash on delivery: Enabled

101. Click Continue.

102. WooCommerce Shipping page:

Shipping Zone

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Singapore: Flat Rate

Cost: $5

Locations not covered by your other zones: Flat Rate

Cost: $5

Weight unit: kg

Dimension unit: cm

103. Click Continue.

104. Recommended for All WooCommerce Stores page:

Storefront Theme: Enabled

MailChimp: Enabled

105. Click Continue.

106. Click Continue with Jetpack.

107. Create an account to set up Jetpack

Your email address: [11] user@example.com

Choose a username: jetpackuser

Choose a password: password

108. WooCommerce Ready! page:

109. Click Create a Product

SECTION 4 INSTALLING MOD _SSL TO SERVE SECURE WEB PAGES

==========

110. sudo yum -y install mod _ssl

110. sudo systemctl restart httpd

SSL is now available.

111. Go to [12]https://<IP _address _of _eCommerce _Online _Store>/wp-adminand login.

112. On the Dashboard, click Let’s go!

113. Click Publish.

114. Setup is complete.

SECTION 5 CREATING DNS HOST RECORD

==========

SECTION 5.1 CPANEL

==========

115. Login to your cpanel.

116. Click DNS Functions > Edit DNS Zone.

117. Choose a zone to edit. Click Edit.

118. On the Add New Entries Below this Line section, fill in the following information:

[13] store.example.com .

Select A record

IPv4 address: <IP address of e-Commerce Online Store>

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119. Click Save.

120. Repeat Steps 116 to 119 for other DNS Zones.

121. Click DNS Functions > Synchronize DNS Records

122. Select Synchronize all zones to all servers

123. Click Synchronize.

Error: DNS Records failed to synchronize! I will need to investigate further why the cPanel virtual server failed to synchronize DNS records with the 2 name servers.

SECTION 5.2 WINDOWS SERVER 2019 ACTIVE DIRECTORY DNS SERVER

==========

115. Login to your Windows Server 2019 Domain Controller.

116. Under Server Manager, click Tools > DNS.

117. Click Forward Lookup Zones > [14] EXAMPLE.COM

118. Right click, select New Host (A or AAAA)...

Name (uses parent domain name if blank):

store

Fully qualified domain name (FQDN):

[15] EXAMPLE.COM

IP address: <IP address of e-Commerce Online Store>

119. Click Add Host. Click Done.

120. Right Click, select Reload. Click Yes.

SECTION 6 WORDPRESS Address Settings

==========

6.1 Go to [16] https://store.example.com/wp-admin and login.

6.2 Click Settings > General Settings.

WordPress Address (URL): [17] https://store.example.com

Site Address (URL): [18] https://store.example.com

6.3 Click Save Changes

SECTION 7 Purchase and Install SSL Certificate

==========

7.1 Please remember to purchase and install SSL certificate in your Apache web server! There are free 90-day SSL certificates available.

All done!

I have just completed setting up my Teo En Ming Corporation Online Store. Have you done yours?

If all of these sound too technical and complicated for you, I may be able to help you in setting up your very own e-Commerce Online Store!

1. https://www.liquidweb.com/kb/how-to-install-mysql-mariadb-on-centos-7/
2. https://codex.wordpress.org/Installing_WordPress#Detailed_Instructions
3. https://wordpress.org/latest.tar.gz
4. https://www.tecmint.com/install-php-7-in-centos-7/
5. https://dl.fedoraproject.org/pub/epel/epel-release-latest-7.noarch.rpm

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6. http://rpms.remirepo.net/enterprise/remi-release-7.rpm
7. mailto:user@example.com
8. https://docs.woocommerce.com/document/installing-uninstalling-woocommerce/
9. https://www.liquidweb.com/kb/how-to-install-and-configure-vsftpd-on-centos-7/
10. https://wordpress.stackexchange.com/questions/206022/unable-to-locate-wordpress-content-directory-wp-content
11. mailto:user@example.com
12. https://%3Cip_address_of_ecommerce_online_store%3E/wp-admin
13. http://store.example.com/
14. http://example.com/
15. http://example.com/
16. https://store.example.com/wp-admin
17. https://store.example.com/
18. https://store.example.com/

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My First Girlfriend (2018-09-22 13:47) - Turritopsis Dohrnii Teo En Ming

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Teo En Ming is the First Person in the World to Convert Google Chromium OS from 32-bit to 64-bit (2018-09-21 10:39) - Turritopsis Dohrnii Teo En Ming

Teo En Ming is the First Person in the World to Convert Google Chromium OS from 32-bit to 64-bit, in the year 2009, which is 9 years ago. Teo En Ming called it ChromiumOS64, which integrates an open source Xen hypervisor. Google Chromium OS is the forerunner of Google Chrome OS for laptops and netbooks.

Please refer to the following articles:

[0] Article at Xen Project Blog: Announcing the Release of the World's First 64-bit Build of Google's Chromium OS with Xen Virtualization Support
Link: [1]https://blog.xenproject.org/2009/12/03/announcing-the-release-of-the-w orlds-first-64-bit-build-of-googles-chromium-os-with-xen-virtualization-support /

[1] Article at Virtualization.info: Xen slips in Google Chrome OS (sort of)
Link: [2]http://virtualization.info/en/news/2009/12/xen-slips-in-google-chrome- os-sort-of.html

[2] Article at TechRadar: 64-bit Chromium OS surfaces
Link: [3]https://www.techradar.com/sg/news/software/operating-systems/64-bit-ch romium-os-surfaces-656314

[3] Article at Gizmodo: 64-bit Chromium Now Available for Mac Users
Link: [4]https://gizmodo.com/5420470/64-bit-chromium-now-available-for-mac-users

[4] Article at Linux Questions: Latest Google Chrome OS Download: Guaranteed to Work!
Link: [5]https://www.linuxquestions.org/questions/linux-software-2/latest-googl e-chrome-os-download-guaranteed-to-work-771093/

[5] Article at Fedora Project: Screenshot Tutorial: How to D-I-Y your own Google Chrome OS with Xen-based Ubuntu 9.10 Karmic Koala amd64 Virtual Machine in Fedora 11 x86 _64 Pv-Ops Dom0
Link: [6]https://lists.fedoraproject.org/archives/list/users@lists.fedoraprojec t.org/thread/IFD5YGGK3GUQPTNFVSWZTZNWRNLSIRQA/?sort=date

[6] Article at Xen Project: [Xen-users] Announcing the Release of the World's First 64-bit Build of Google's Chromium OS with Xen Virtualization Support
Link: [7]https://lists.xenproject.org/archives/html/xen-users/2009-12/msg00091. html

[7] Article at VMware forums: Latest Google Chrome OS VMware VMDK Image File Available for Download and Testing
Link: [8]https://communities.vmware.com/thread/243986

[8] YouTube Video: Google Chrome OS (Chromium OS) on Xen
Link: [9]https://www.youtube.com/watch?v=Icl59WmC56I &gl=SG &hl=en-GB

[9] Article at VirtualBox: Latest Google Chrome OS Download: Guaranteed to Work!
Link: [10]https://forums.virtualbox.org/viewtopic.php?f=2 &t=24965

[10] Article at liliputing: Enthusiast makes 64-bit build of Google Chrome OS available
Link: [11]https://liliputing.com/2009/11/enthusiast-makes-64-bit-build-of-googl e-chrome-os-available.html

[11] Article at 3dnews Russia: ChromiumOS64 – 64-битная Chrome OS
Link: [12]https://3dnews.ru/583927

[12] Article at Ubergizmo: Google Chrome OS in 64-bit

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Link: [13]https://www.ubergizmo.com/2009/12/google-chrome-os-in-64-bit/

Teo En Ming is the Edward Joseph Snowden of Singapore! This shows that Teo En Ming is technically inclined.

1. https://blog.xenproject.org/2009/12/03/announcing-the-release-of-the-worlds-first-64-bit-build-of-googles-chromium-os-with-xen-virtualization-support/
2. http://virtualization.info/en/news/2009/12/xen-slips-in-google-chrome-os-sort-of.html
3. https://www.techradar.com/sg/news/software/operating-systems/64-bit-chromium-os-surfaces-656314
4. https://gizmodo.com/5420470/64-bit-chromium-now-available-for-mac-users
5. https://www.linuxquestions.org/questions/linux-software-2/latest-google-chrome-os-download-guaranteed-to-work-771093/
6. https://lists.fedoraproject.org/archives/list/users@lists.fedoraproject.org/thread/IFD5YGGK3GUQPTNFVSWZTZNWRNLSIRQA/?sort=date
7. https://lists.xenproject.org/archives/html/xen-users/2009-12/msg00091.html
8. https://communities.vmware.com/thread/243986
9. https://www.youtube.com/watch?v=Icl59WmC56I&gl=SG&hl=en-GB
10. https://forums.virtualbox.org/viewtopic.php?f=2&t=24965
11. https://liliputing.com/2009/11/enthusiast-makes-64-bit-build-of-google-chrome-os-available.html
12. https://3dnews.ru/583927
13. https://www.ubergizmo.com/2009/12/google-chrome-os-in-64-bit/

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I have just bought a Sigma AF 30mm F1.4 DC DN (C) Prime Lens for a MEDIOCRE $398

(2018-09-21 00:09) - Turritopsis Dohrnii Teo En Ming

After procrastinating for almost 2 years, I have finally bought the Sigma AF 30mm F1.4 DC DN Contemporary Sony E Mount Prime Lens for a MEDIOCRE $398.

I am hoping that one day I might be able to buy a 75 Tera Pixel (TP) Full Frame camera with Carl Zeiss lens costing over $10,000. Will this day ever come?

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Courts Megastore Makes A Lot of Money From Poor People! (2018-09-20 23:50)

- Turritopsis Dohrnii Teo En Ming

In the year 2016, which is 2 years ago, I had purchased three electronic devices from Courts Megastore by installment plan/hire purchase, namely, (a) Nikon B700 4K compact camera, (b) Samsung Galaxy Note 7 Android phone, and (c) Acer Aspire E5-574G-50JB laptop.

A Nikon B700 4K compact camera costs $700, but I have paid $2138.85 in total over the last 2 years, including interest.

A Samsung Galaxy Note 7 Android phone costs $1185, but I have paid $3215.91 in total over the last 2 years, including interest.

An Acer Aspire E5-574G-50JB laptop costs $744, but I have paid $1325.89 in total over the last 2 years, including interest.

The total interest alone which I have paid for the above three electronic devices is approximately $4050.

The combined cost of the above 3 electronic devices is only $2629.

It seems like poor people are very heavily penalized for being poor while rich people are being rewarded for being rich.

The one and only way in which rich people can get richer is to rip poor people off. Hence poor people become poorer and rich people become richer.

Many businesses, banks and financial institutions are simply LEGALIZED money lenders in disguise.

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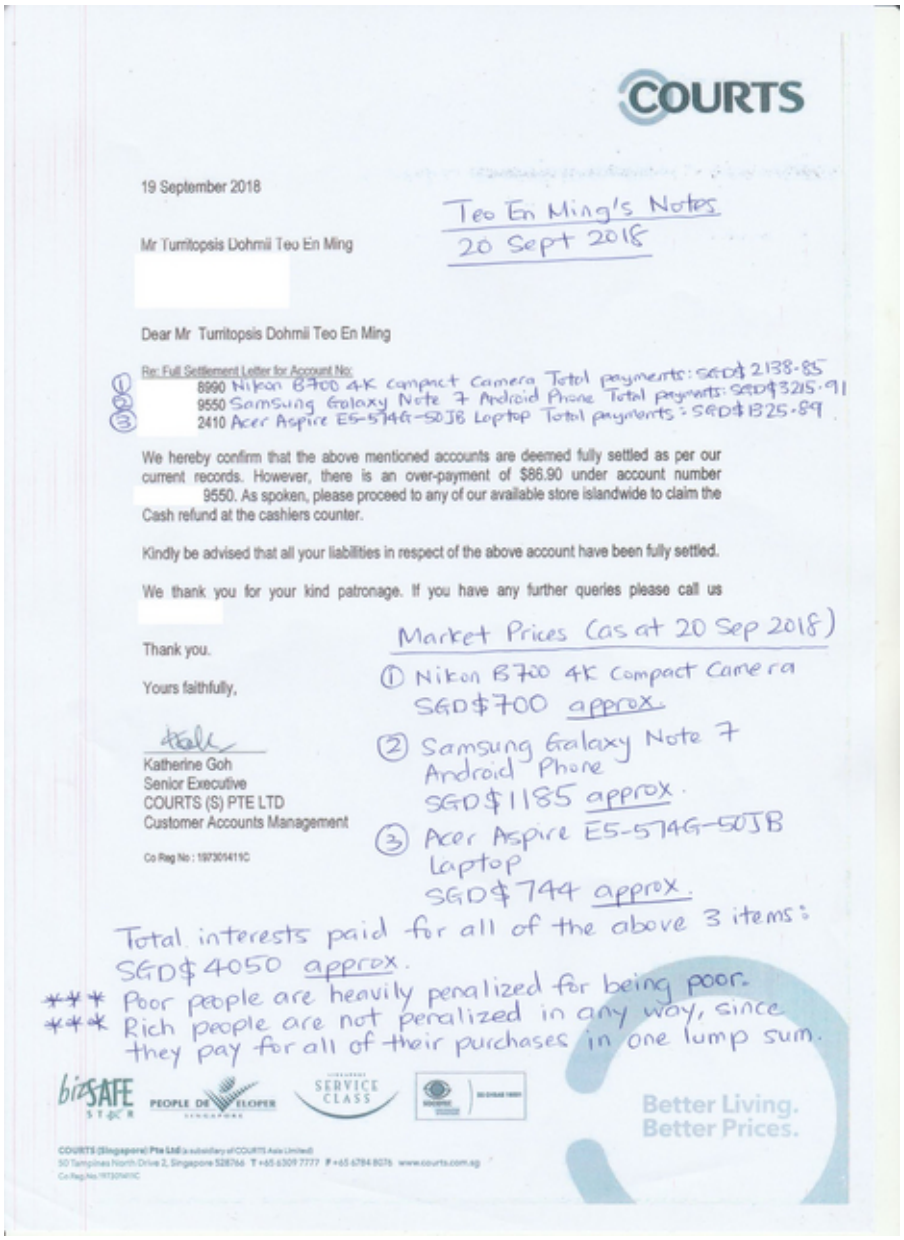

COURTS

19 September 2018

Teo En Ming's Notes
20 Sept 2018

Mr Turritopsis Dohrnii Teo En Ming

Dear Mr Turritopsis Dohrnii Teo En Ming

Re: Full Settlement Letter for Account No:

① 8990 Nikon B700 4K compact camera Total payments: SGD$ 2138-85
② 9550 Samsung Galaxy Note 7 Android Phone Total payments: SGD$ 3215-91
③ 2410 Acer Aspire E5-574G-50JB Laptop Total payments: SGD$ 1325-89

We hereby confirm that the above mentioned accounts are deemed fully settled as per our current records. However, there is an over-payment of $86.90 under account number 9550. As spoken, please proceed to any of our available store islandwide to claim the Cash refund at the cashiers counter.

Kindly be advised that all your liabilities in respect of the above account have been fully settled.

We thank you for your kind patronage. If you have any further queries please call us

Thank you.

Yours faithfully,

Katherine Goh
Senior Executive
COURTS (S) PTE LTD
Customer Accounts Management

Co Reg No : 197301419C

Market Prices (as at 20 Sep 2018)

① Nikon B700 4K Compact Camera
SGD$700 approx.

② Samsung Galaxy Note 7
Android Phone
SGD$1185 approx.

③ Acer Aspire E5-574G-50JB
laptop
SGD$744 approx.

Total interests paid for all of the above 3 items:
SGD$4050 approx.

*** Poor people are heavily penalized for being poor.
*** Rich people are not penalized in any way, since they pay for all of their purchases in one lump sum.

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Better Prices.

COURTS (Singapore) Pte Ltd (a subsidiary of COURTS Asia Limited)
50 Tampines North Drive 2, Singapore 528766 T +65 6309 7777 F +65 6784 8076 www.courts.com.sg
Co Reg No: 197301419C

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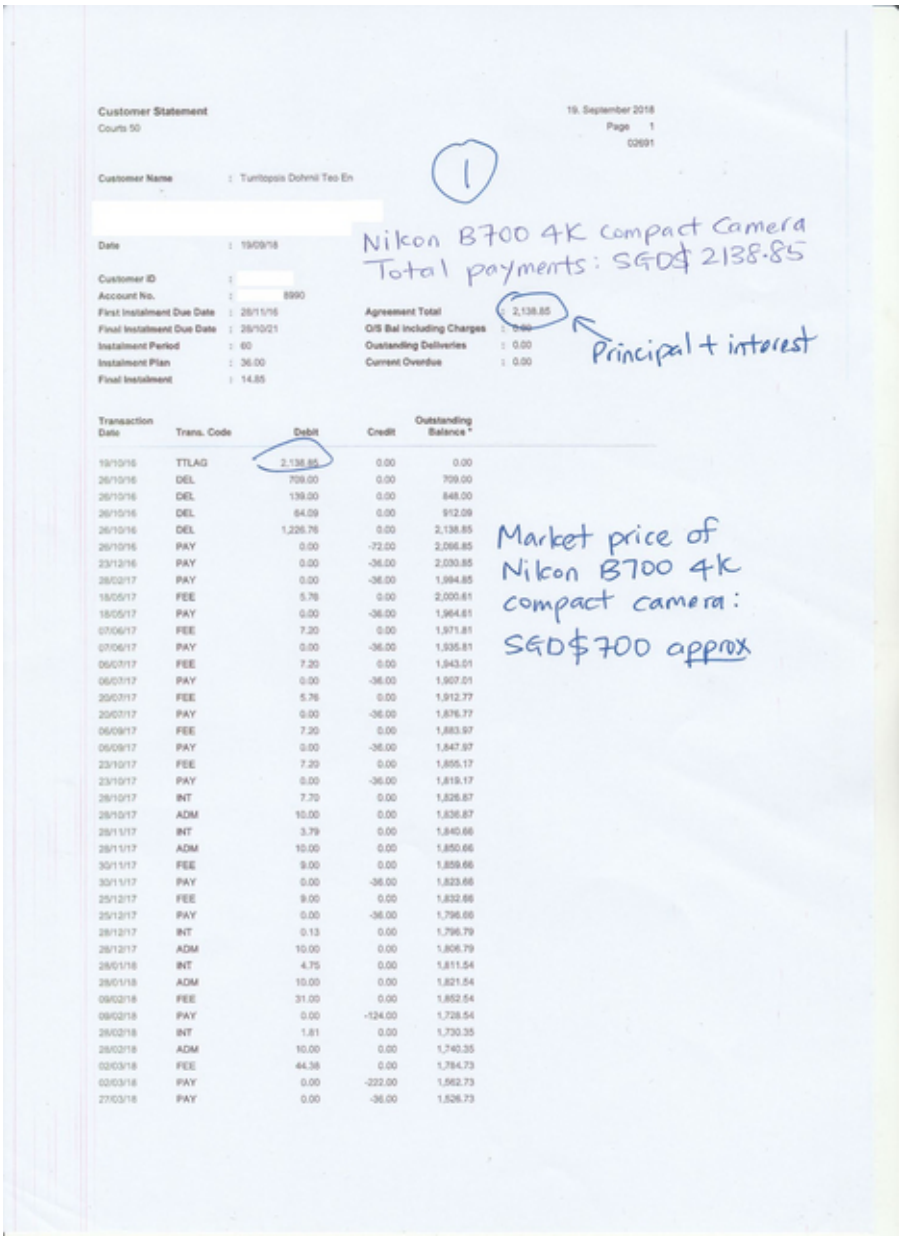


Customer Statement
Courts 50

19. September 2018
Page 1
02691

1

Customer Name : Turritopsis Dohrnii Teo En

Nikon B700 4K compact camera
Total payments: SGD$ 2138.85

Date : 19/09/18

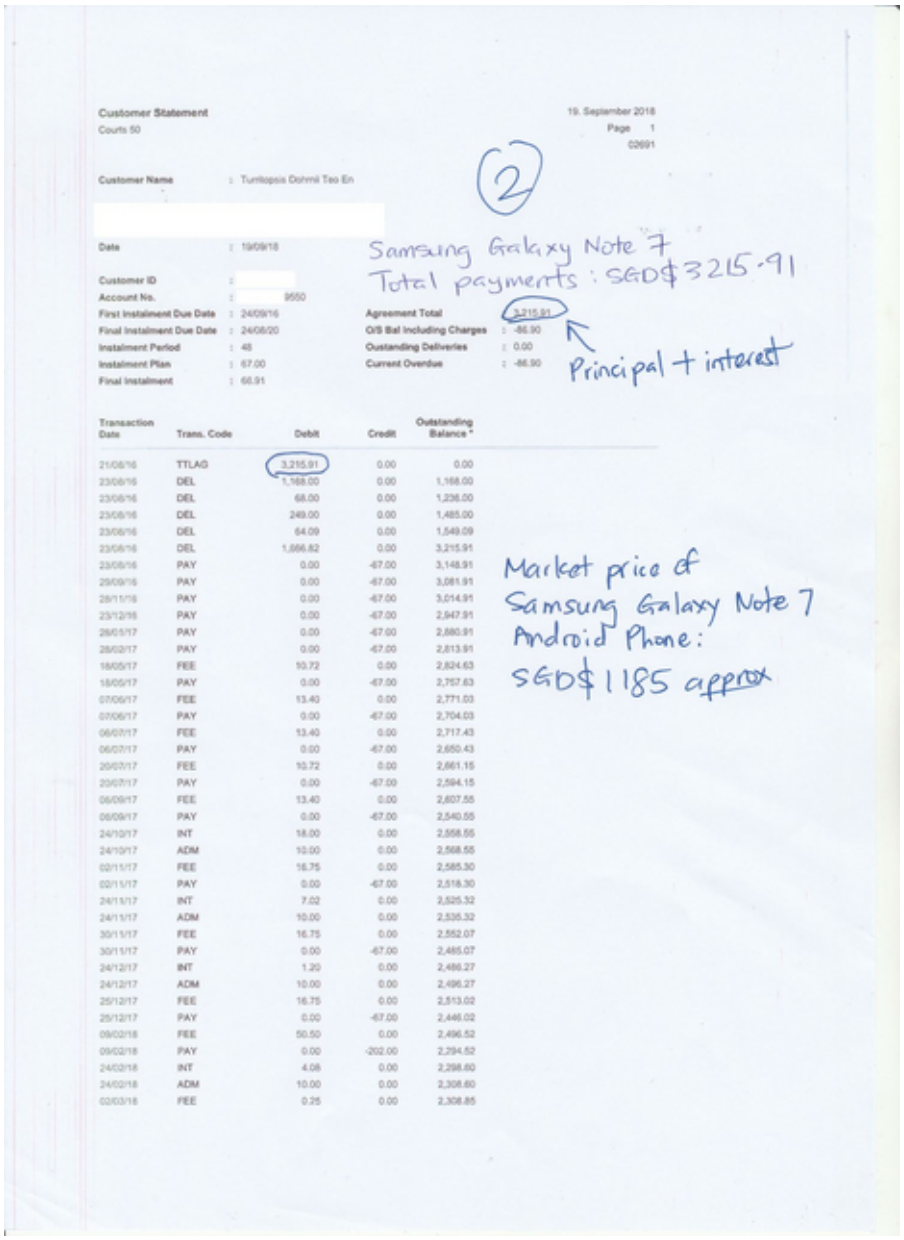
Customer ID :
Account No. : 8990
First Instalment Due Date : 28/11/16
Final Instalment Due Date : 28/10/21
Instalment Period : 60
Instalment Plan : 36.00
Final Instalment : 14.85

Agreement Total : 2,138.85
O/S Bal including Charges : 0.00
Outstanding Deliveries : 0.00
Current Overdue : 0.00

Principal + interest

Transaction Date	Trans. Code	Debit	Credit	Outstanding Balance *
19/10/16	TTLAG	2,138.85	0.00	0.00
26/10/16	DEL	709.00	0.00	709.00
26/10/16	DEL	139.00	0.00	848.00
26/10/16	DEL	64.09	0.00	912.09
26/10/16	DEL	1,226.76	0.00	2,138.85
26/10/16	PAY	0.00	-72.00	2,066.85
23/12/16	PAY	0.00	-36.00	2,030.85
28/02/17	PAY	0.00	-36.00	1,994.85
18/05/17	FEE	5.76	0.00	2,000.61
18/05/17	PAY	0.00	-36.00	1,964.61
07/06/17	FEE	7.20	0.00	1,971.81
07/06/17	PAY	0.00	-36.00	1,935.81
06/07/17	FEE	7.20	0.00	1,943.01
06/07/17	PAY	0.00	-36.00	1,907.01
20/07/17	FEE	5.76	0.00	1,912.77
20/07/17	PAY	0.00	-36.00	1,876.77
06/09/17	FEE	7.20	0.00	1,883.97
06/09/17	PAY	0.00	-36.00	1,847.97
23/10/17	FEE	7.20	0.00	1,855.17
23/10/17	PAY	0.00	-36.00	1,819.17
28/10/17	INT	7.70	0.00	1,826.87
28/10/17	ADM	10.00	0.00	1,836.87
28/11/17	INT	3.79	0.00	1,840.66
28/11/17	ADM	10.00	0.00	1,850.66
30/11/17	FEE	9.00	0.00	1,859.66
30/11/17	PAY	0.00	-36.00	1,823.66
25/12/17	FEE	9.00	0.00	1,832.66
25/12/17	PAY	0.00	-36.00	1,796.66
28/12/17	INT	0.13	0.00	1,796.79
28/12/17	ADM	10.00	0.00	1,806.79
28/01/18	INT	4.75	0.00	1,811.54
28/01/18	ADM	10.00	0.00	1,821.54
09/02/18	FEE	31.00	0.00	1,852.54
09/02/18	PAY	0.00	-124.00	1,728.54
28/02/18	INT	1.81	0.00	1,730.35
28/02/18	ADM	10.00	0.00	1,740.35
02/03/18	FEE	44.38	0.00	1,784.73
02/03/18	PAY	0.00	-222.00	1,562.73
27/03/18	PAY	0.00	-36.00	1,526.73

Market price of Nikon B700 4K compact camera: SGD$700 approx



Customer Statement
Courts 50

19. September 2018
Page 1
02691

Customer Name : Tumlopsis Dohmil Teo En

(2)

Date : 19/09/18

Samsung Galaxy Note 7
Total payments: SGD$3215.91

Customer ID :
Account No. : 9550
First Instalment Due Date : 24/09/16
Final Instalment Due Date : 24/08/20
Instalment Period : 48
Instalment Plan : 67.00
Final Instalment : 66.91

Agreement Total : 3,215.91
O/S Bal Including Charges : -86.90
Outstanding Deliveries : 0.00
Current Overdue : -86.90

Principal + interest

Transaction Date	Trans. Code	Debit	Credit	Outstanding Balance *
21/08/16	TTLAG	3,215.91	0.00	0.00
23/08/16	DEL	1,168.00	0.00	1,168.00
23/08/16	DEL	68.00	0.00	1,236.00
23/08/16	DEL	249.00	0.00	1,485.00
23/08/16	DEL	64.09	0.00	1,549.09
23/08/16	DEL	1,666.82	0.00	3,215.91
23/08/16	PAY	0.00	-67.00	3,148.91
29/09/16	PAY	0.00	-67.00	3,081.91
28/11/16	PAY	0.00	-67.00	3,014.91
23/12/16	PAY	0.00	-67.00	2,947.91
26/01/17	PAY	0.00	-67.00	2,880.91
28/02/17	PAY	0.00	-67.00	2,813.91
18/05/17	FEE	10.72	0.00	2,824.63
18/05/17	PAY	0.00	-67.00	2,757.63
07/06/17	FEE	13.40	0.00	2,771.03
07/06/17	PAY	0.00	-67.00	2,704.03
06/07/17	FEE	13.40	0.00	2,717.43
06/07/17	PAY	0.00	-67.00	2,650.43
20/07/17	FEE	10.72	0.00	2,661.15
20/07/17	PAY	0.00	-67.00	2,594.15
06/09/17	FEE	13.40	0.00	2,607.55
06/09/17	PAY	0.00	-67.00	2,540.55
24/10/17	INT	18.00	0.00	2,558.55
24/10/17	ADM	10.00	0.00	2,568.55
02/11/17	FEE	16.75	0.00	2,585.30
02/11/17	PAY	0.00	-67.00	2,518.30
24/11/17	INT	7.02	0.00	2,525.32
24/11/17	ADM	10.00	0.00	2,535.32
30/11/17	FEE	16.75	0.00	2,552.07
30/11/17	PAY	0.00	-67.00	2,485.07
24/12/17	INT	1.20	0.00	2,486.27
24/12/17	ADM	10.00	0.00	2,496.27
25/12/17	FEE	16.75	0.00	2,513.02
25/12/17	PAY	0.00	-67.00	2,446.02
09/02/18	FEE	50.50	0.00	2,496.52
09/02/18	PAY	0.00	-202.00	2,294.52
24/02/18	INT	4.08	0.00	2,298.60
24/02/18	ADM	10.00	0.00	2,308.60
02/03/18	FEE	0.25	0.00	2,308.85

Market price of Samsung Galaxy Note 7 Android Phone: SGD$1185 approx

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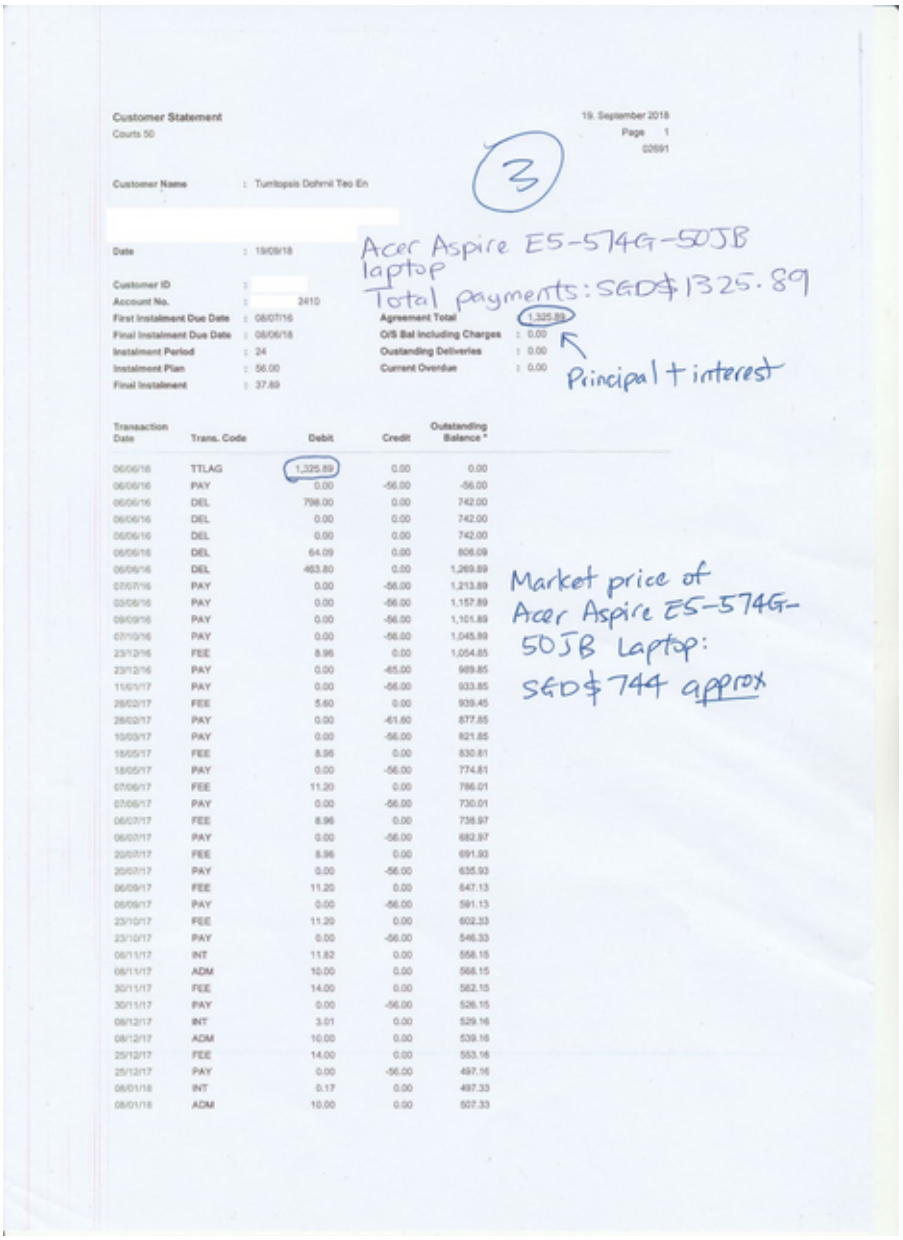

Customer Statement
Courts 50

19. September 2018
Page 1
02691

3

Customer Name : Tumlopsis Dohrnii Teo En

Acer Aspire E5-574G-50JB laptop
Total payments: SGD$1325.89

Date : 19/09/18

Customer ID :
Account No. : 2410
First Instalment Due Date : 06/07/16
Final Instalment Due Date : 06/06/18
Instalment Period : 24
Instalment Plan : 56.00
Final Instalment : 37.89

Agreement Total : 1,325.89
O/S Bal including Charges : 0.00
Outstanding Deliveries : 0.00
Current Overdue : 0.00

Principal + interest

Transaction Date	Trans. Code	Debit	Credit	Outstanding Balance *
06/06/16	TTLAG	1,325.89	0.00	0.00
06/06/16	PAY	0.00	-56.00	-56.00
06/06/16	DEL	798.00	0.00	742.00
06/06/16	DEL	0.00	0.00	742.00
06/06/16	DEL	0.00	0.00	742.00
06/06/16	DEL	64.09	0.00	806.09
06/06/16	DEL	463.80	0.00	1,269.89
07/07/16	PAY	0.00	-56.00	1,213.89
03/08/16	PAY	0.00	-56.00	1,157.89
09/09/16	PAY	0.00	-56.00	1,101.89
07/10/16	PAY	0.00	-56.00	1,045.89
23/12/16	FEE	8.96	0.00	1,054.85
23/12/16	PAY	0.00	-65.00	989.85
11/01/17	PAY	0.00	-56.00	933.85
28/02/17	FEE	5.60	0.00	939.45
28/02/17	PAY	0.00	-61.60	877.85
10/03/17	PAY	0.00	-56.00	821.85
18/05/17	FEE	8.96	0.00	830.81
18/05/17	PAY	0.00	-56.00	774.81
07/06/17	FEE	11.20	0.00	786.01
07/06/17	PAY	0.00	-56.00	730.01
06/07/17	FEE	8.96	0.00	738.97
06/07/17	PAY	0.00	-56.00	682.97
20/07/17	FEE	8.96	0.00	691.93
20/07/17	PAY	0.00	-56.00	635.93
06/09/17	FEE	11.20	0.00	647.13
06/09/17	PAY	0.00	-56.00	591.13
23/10/17	FEE	11.20	0.00	602.33
23/10/17	PAY	0.00	-56.00	546.33
08/11/17	INT	11.82	0.00	558.15
08/11/17	ADM	10.00	0.00	568.15
30/11/17	FEE	14.00	0.00	582.15
30/11/17	PAY	0.00	-56.00	526.15
08/12/17	INT	3.01	0.00	529.16
08/12/17	ADM	10.00	0.00	539.16
25/12/17	FEE	14.00	0.00	553.16
25/12/17	PAY	0.00	-56.00	497.16
08/01/18	INT	0.17	0.00	497.33
08/01/18	ADM	10.00	0.00	507.33

Market price of Acer Aspire E5-574G-50JB laptop: SGD$744 approx

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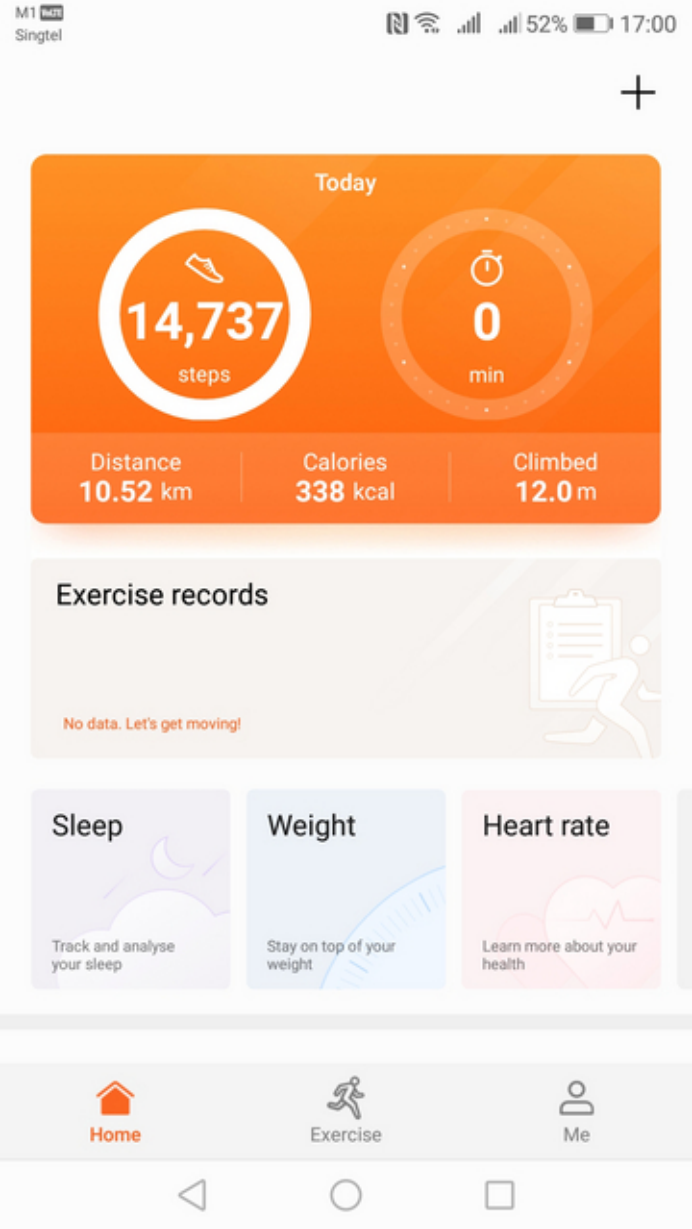
10.5 km Route March on 20 Sep 2018 Thursday (2018-09-20 22:57) - Turritopsis Dohrnii Teo En Ming

Today, 20 Sep 2018 Thursday, my company sent me on a 10.5 km route march with "full battle order". I traveled from home to Serangoon to Bugis Junction to Sim Lim Square to Serangoon to Tiong Bahru and completed 10.5 km in 14,737 steps.

By the end of the day, I have completed walking almost 14 km in almost 20,000 steps. This is a first for me.

I have sufficient opportunities for workout during working hours so it is not necessary for me to arrange special workout sessions after work and during weekends.



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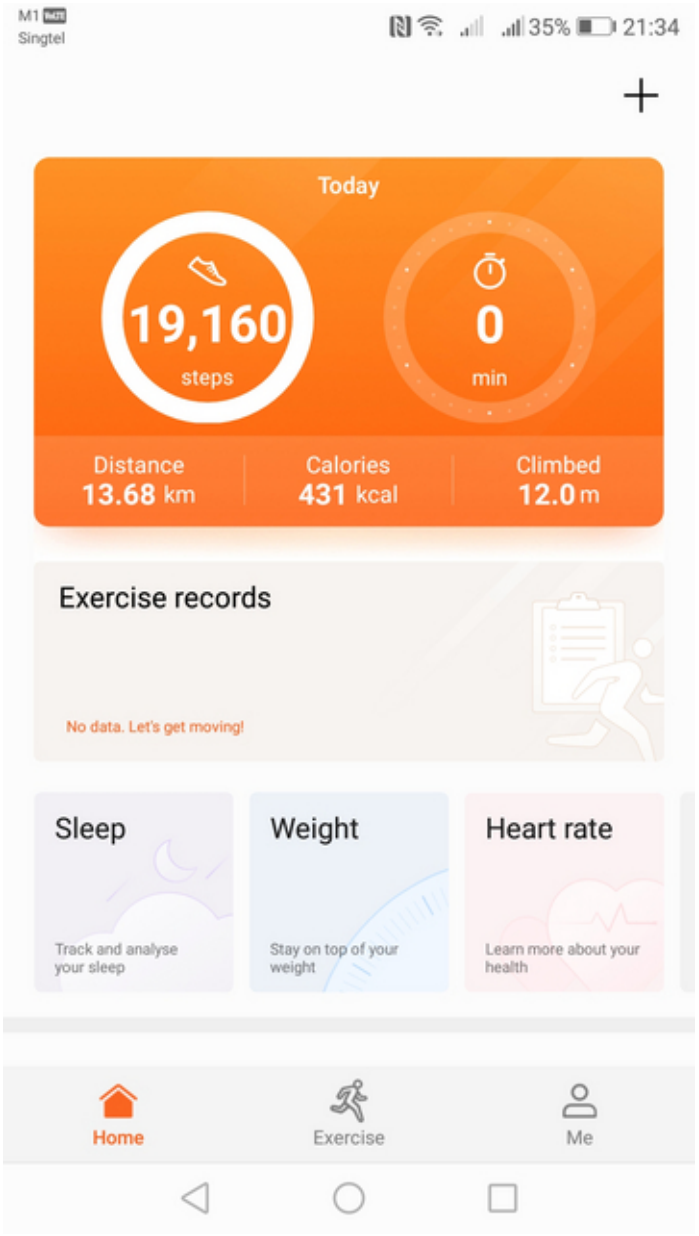
M1
Singtel
35% 21:34
Today
19,160
steps
0
min
Distance
13.68 km
Calories
431 kcal
Climbed
12.0 m
Exercise records
No data. Let's get moving!
Sleep
Track and analyse your sleep
Weight
Stay on top of your weight
Heart rate
Learn more about your health
Home
Exercise
Me

Teo En Ming's Information Technology Articles (2018-09-19 11:08) - Turritopsis Dohrnii Teo En Ming

You can search for Teo En Ming's Information Technology articles at the following International Forums:

[1] [1]https://groups.google.com

[2] [2]https://www.mail-archive.com/

[3] [3]https://markmail.org/

[4] [4]https://marc.info/

1. https://groups.google.com/
2. https://www.mail-archive.com/
3. https://markmail.org/
4. https://marc.info/

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Will Teo En Ming be able to Emulate China's Trillionaire Jack Ma? Will Teo En Ming be able to become a Crazy Rich Asian? (2018-09-16 10:33) - Turritopsis Dohrnii Teo En Ming

[Linux Kernel] [1]https://lkml.org/lkml/2018/9/1/161

[CentOS] [2]https://lists.centos.org/pipermail/centos/2018-September/170001.html
[Apache HTTPD] [3]http://mail-archives.apache.org/mod _mbox/httpd-users/201809.mbox/ %3Cd96611a9290842f188cab78acee58d7c@teo-en-ming.com %3E

[FreeBSD] [4]https://lists.freebsd.org/pipermail/freebsd-chat/2018-September/007228 .html

1. https://lkml.org/lkml/2018/9/1/161
2. https://lists.centos.org/pipermail/centos/2018-September/170001.html
3. http://mail-archives.apache.org/mod_mbox/httpd-users/201809.mbox/%3Cd96611a9290842f188cab78acee58d7c@teo-en-ming.com%3E
4. https://lists.freebsd.org/pipermail/freebsd-chat/2018-September/007228.html

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Prime Minister Cao Cao: (2018-09-13 20:55)

- Turritopsis Dohrnii Teo En Ming

QUOTE OF THE DAY:

Prime Minister Cao Cao:

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I am SOOOOO Proud to be a Singaporean Because I Could Not Even Afford to buy a New Pair of Jeans at $25! (2018-09-13 15:48) - Turritopsis Dohrnii Teo En Ming

I am SOOOOOOOOO proud to be a Singaporean because I could not even afford to buy a new pair of jeans at $25!

At about 6 PM on 12th September 2018 Wednesday, I discovered that the flyer/zipper on my jeans was spoilt just after my mediocre dinner. I only have $40 cash on hand and only $2 left in my bank account. If I were to buy a new pair of jeans immediately, I would have no money for food and transport the following day. If I don't buy a new pair of jeans immediately and save the money for my meals and transport expenses instead, I wouldn't be able to go out to work the following day because the zipper on my jeans was spoilt. Such was my dilemma.

Here is how my finances worked out:

On 10th September 2018 Monday, I have $57 in my bank account.

On 11th September 2018 Tuesday, I withdrew $50 from my bank account.

On 12th September 2018 Wednesday, I have about $40 cash on my hands and only $2 left in my bank account.

Fortunately for me, my Office Manager "Margaret Thatcher" lent me $200 to tide me over for a few days. I bought a new pair of jeans at $25 immediately, with the remaining money I have reserved for meals and transport expenses over the next few days until I get my August 2018 MEDIOCRE/MEAGRE salary.

No, I have not squandered away my MEDIOCRE/MEAGRE salary. The computer company which I am working for has cash flow problems itself and couldn't pay our MEDIOCRE/MEAGRE salaries on time for the past few months. In fact, I have only managed to receive my July 2018 MEDIOCRE/MEAGRE salary after a delay of more than 27 days.

On another note, this Clement Goh from the Finance Department at Econ Healthcare Group/Nursing Home is trying very hard to piss me off! Over the telephone, he told me he acknowledged my frustrations, and yet he keeps sending me messages to ask for payments!

And yes! I am SOOOO proud to be a Singaporean because I could not even afford to buy a new pair of jeans at $25. I almost have no money to eat and take bus and mrt had my Office Manager "Margaret Thatcher" not lent me $200 to tide over for the next few days. Remember Singapore is the richest country in the world?

And this bugger Clement Goh from Econ Healthcare Group had to keep sending me messages to ask for payments! Do you think I would not be pissed off?

I am a 40-year-old National University of Singapore (NUS) graduate. In Dec 2006, I graduated from NUS with a Bachelor degree (2nd class lower honors) in Mechanical Engineering. Besides the university degree, I also have 2 polytechnic diplomas from Singapore Polytechnic, one in Mechatronics Engineering and another in Computer Networking (based on CCNA curriculum).

You may ask, why does a university graduate in Singapore with 2 polytechnic diplomas have to live in such never-seen-before and unprecedented poverty? This is because, I, Teo En Ming, is a Targeted Individual. A Targeted Individual is a person who is persecuted, targeted and marked by the government, and in my case, the Singapore Government.

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List of News Articles on Teo En Ming (2018-09-09 09:03) - Turritopsis Dohrnii Teo En Ming

List of News Articles on Teo En Ming
==========

(1) Alvinology: Singaporean Guy Attends Taiwan and Japan Adult Expo To Apply For JAV Porn Actor Role - Turritopsis Dohrnii

Link: [1]https://alvinology.com/2017/11/27/singaporean-guy-attends-taiwan-japan -adult-expo-apply-jav-porn-actor-role-turritopsis-dohrnii/

(2) Yahoo! News: Who is Teo En Ming (Turritopsis Dohrnii)?

Link: [2]https://sg.news.yahoo.com/teo-en-ming-turritopsis-dohrnii-040555470.html

(3) Yahoo! News: Jayley Woo did a paid test shoot with Turritopsis Dohrnii Teo En Ming before she was a Mediacorp talent

Link: [3]https://sg.news.yahoo.com/jayley-woo-did-paid-test-190654481.html

(4) Alvinology: Turritopsis Dohrnii Teo En Ming thinks he is a targeted individual and that the Singapore government is out to get him

Link: [4]https://alvinology.com/2017/12/14/turritopsis-dohrnii-teo-en-ming-thin ks-targeted-individual-singapore-government-get/

(5) Alvinology: Teo En Ming Exclusive Interview: The man behind the 'JAV Porn Actor' Dream

Link: [5]https://alvinology.com/2018/02/06/teo-en-ming-exclusive-interview-man-be hind-jav-porn-actor-dream/

(6) RICE Media: Teo En Ming: Aspiring Actor and 40-Year Old Virgin

Link: [6]http://ricemedia.co/culture-people-teo-en-ming-aspiring-actor-40-year-ol d-virgin/

(7) Yahoo! Lifestyle: Teo En Ming: Aspiring Actor and 40-Year Old Virgin

Link: [7]https://sg.style.yahoo.com/teo-en-ming-aspiring-actor-055755269.html

(8) Alvinology: Aspiring Adult Film Actor Teo En Ming goes to Taiwan Adult Film Expo 2018

Link: [8]https://alvinology.com/2018/08/10/aspiring-adult-film-actor-teo-en-min g-goes-to-taiwan-adult-film-expo-2018/

1. https://alvinology.com/2017/11/27/singaporean-guy-attends-taiwan-japan-adult-expo-apply-jav-porn-actor-role-turritopsis-dohrnii/
2. https://sg.news.yahoo.com/teo-en-ming-turritopsis-dohrnii-040555470.html
3. https://sg.news.yahoo.com/jayley-woo-did-paid-test-190654481.html
4. https://alvinology.com/2017/12/14/turritopsis-dohrnii-teo-en-ming-thinks-targeted-individual-singapore-government-get/
5. https://alvinology.com/2018/02/06/teo-en-ming-exclusive-interview-man-behind-jav-porn-actor-dream/
6. http://ricemedia.co/culture-people-teo-en-ming-aspiring-actor-40-year-old-virgin/
7. https://sg.style.yahoo.com/teo-en-ming-aspiring-actor-055755269.html
8. https://alvinology.com/2018/08/10/aspiring-adult-film-actor-teo-en-ming-goes-to-taiwan-adult-film-expo

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-2018/
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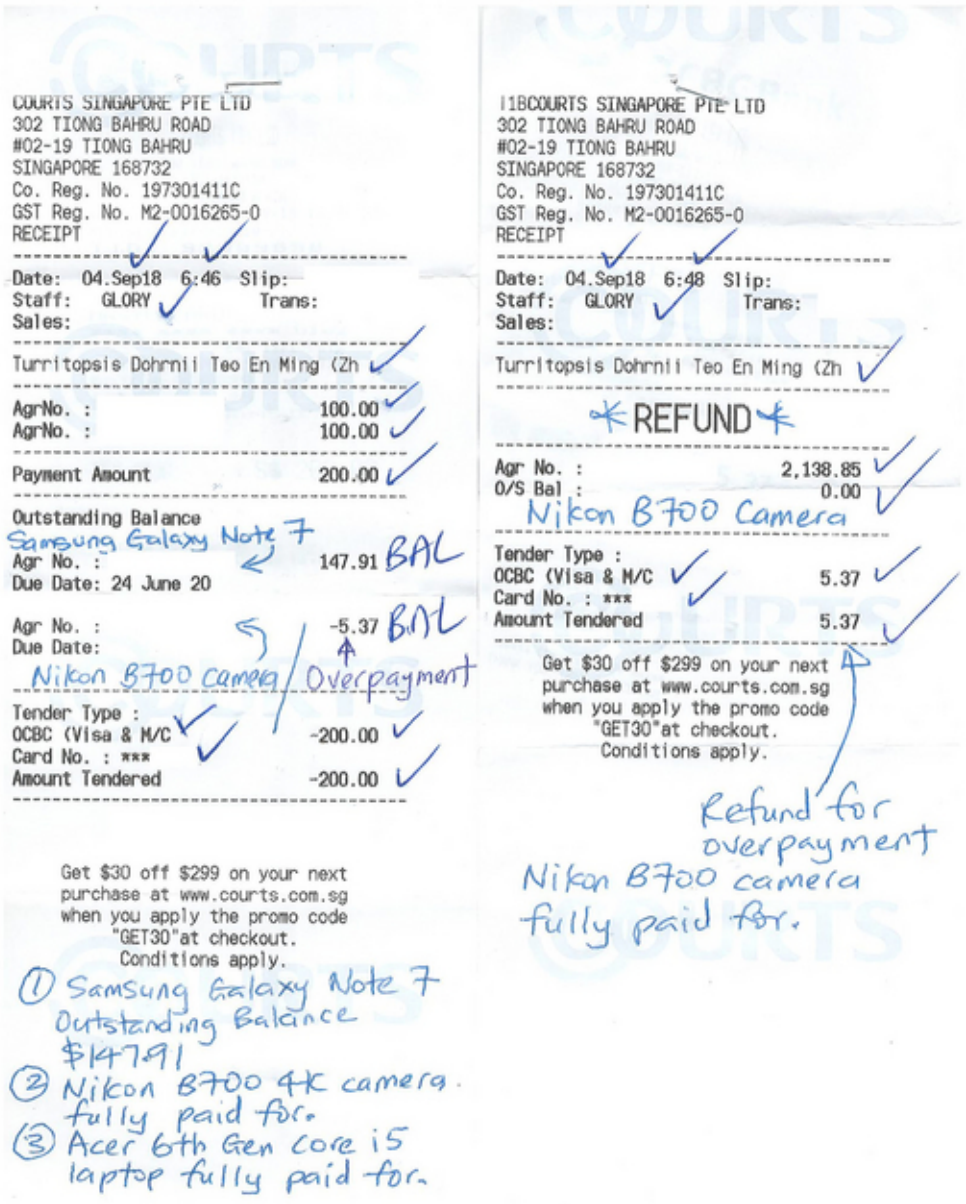
Courts Megastore Flexi Plan Installment Payments as at 4 Sep 2018 (2018-09-06 09:36) - Turritopsis Dohrnii Teo En Ming



COURTS SINGAPORE PTE LTD
302 TIONG BAHRU ROAD
#02-19 TIONG BAHRU
SINGAPORE 168732
Co. Reg. No. 197301411C
GST Reg. No. M2-0016265-0
RECEIPT

Date: 04.Sep18 6:46 Slip:
Staff: GLORY Trans:
Sales:

Turritopsis Dohrnii Teo En Ming (Zh

AgrNo. : 100.00
AgrNo. : 100.00

Payment Amount 200.00

Outstanding Balance
Samsung Galaxy Note 7
Agr No. : 147.91 BAL
Due Date: 24 June 20

Agr No. : -5.37 BAL
Due Date:
Nikon B700 camera / Overpayment

Tender Type :
OCBC (Visa & M/C -200.00
Card No. : ***
Amount Tendered -200.00

Get $30 off $299 on your next purchase at www.courts.com.sg when you apply the promo code "GET30"at checkout. Conditions apply.

① Samsung Galaxy Note 7 Outstanding Balance $147.91
② Nikon B700 4K camera fully paid for.
③ Acer 6th Gen Core i5 laptop fully paid for.

11BCOURTS SINGAPORE PTE LTD
302 TIONG BAHRU ROAD
#02-19 TIONG BAHRU
SINGAPORE 168732
Co. Reg. No. 197301411C
GST Reg. No. M2-0016265-0
RECEIPT

Date: 04.Sep18 6:48 Slip:
Staff: GLORY Trans:
Sales:

Turritopsis Dohrnii Teo En Ming (Zh

REFUND

Agr No. : 2,138.85
O/S Bal : 0.00
Nikon B700 Camera

Tender Type :
OCBC (Visa & M/C 5.37
Card No. : ***
Amount Tendered 5.37

Get $30 off $299 on your next purchase at www.courts.com.sg when you apply the promo code "GET30"at checkout. Conditions apply.

Refund for overpayment
Nikon B700 camera fully paid for.

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Step-by-Step Tutorial: How to Create a New cPanel Web Hosting Account for Your New Customer

(2018-09-02 12:37) - Turritopsis Dohrnii Teo En Ming

Step-by-Step Tutorial: How to Create a New cPanel Web Hosting Account for Your New Customer

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(2) Part Time Diploma (Conversion) in Computer Networking with 4 Distinctions from Singapore Polytechnic (Graduated 2017)
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(4) Certificate of Completion for CISCO Certified Network Associate (CCNA) 5-DAY Boot Camp from NTUC Learning Hub, Singapore, Year 2017
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(6) National Infocomm Competency Framework (NICF) (Singapore) Certificate in Configuring a CISCO Switch, Year 2017
(7) GCE "O" Levels with 7 A1s and 1 A2, Top Student Award, Graduated 1994
(8) Primary School Leaving Examination (PSLE) Score of 238, Graduated 1990
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COUNTRY OF RESIDENCE: REPUBLIC OF SINGAPORE
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DOCUMENT VERSION: 1809.01

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NB: This document consists of a total of 61 steps.

You can follow the "WHM - Create a New cPanel" guide at https://my.bluehost.com/hosting/help/2398

001. Login to https://cpanel.teo-en-ming-corp.com:2087 (WHM)

002. Click Packages > Add a Package

003. Package Name: Customer 0000001

004. Disk Quota (MB): Unlimited

005. Monthly Bandwidth (MB): Unlimited

006. Max FTP Accounts: Unlimited

007. Max Email Accounts: Unlimited

008. Max Quota per Email Address (MB): Unlimited

009. Max Email Lists: Unlimited

010. Max Databases: Unlimited

011. Max Sub Domains: Unlimited

012. Max Parked Domains: 0

013. Max Addon Domains: 0

014. Maximum Hourly Email by Domain Relayed: Unlimited

015. Maximum percentage of failed or deferred messages a domain may send per hour: Unlimited

016. Options: Select CGI Access

017. cPanel Theme: paper _lantern

018. Feature List: default

019. Locale: English

020. Click Add.

021. Click Account Functions > Create a New Account

022. Domain: customer.com

023. Username: customer

024. Password:

025. Re-type Password:

026. Email: support@customer.com

027. Choose a Package: Customer 0000001

028. Uncheck Select Options Manually

029. Check CGI Access

030. cPanel Theme: paper _lantern

031. Locale: English

032. Check Enable Apache SpamAssassin

033. Uncheck Make the account a reseller

034. Check Enable DKIM on this account.

035. Check Enable SPF on this account. (v=spf1 +a +mx +ip4:18.223.26.190 all)

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036. Uncheck Use the nameservers specified at the Domain's Registrar. (Ignore locally specified nameservers.)

037. Uncheck Overwrite any existing DNS zones for the account.

038. Nameservers:

ns1.teo-en-ming-corp.com
ns2.teo-en-ming-corp.com

039. Under Mail Routing Settings, check Automatically Detect Configuration (recommended)

040. Click Create.

041. Go to your domain registrar, e.g. alibabacloud.com

042. Click Domains on the left menu.

043. Select customer.com and click Manage.

044. Click DNS Modification

045. Click Change DNS Server.

046. Enter the DNS records to change (Note: specify 2 to 13 items).

ns1.teo-en-ming-corp.com

ns2.teo-en-ming-corp.com

047. Click Confirm.

048. Enter Email Verification Code.

049. Click Confirm.

050. For cPanel, go to https://www.customer.com/cpanel or https://www.customer.com:2083/

051. For Webmail, go to https://customer.com:2096/

052. To add email accounts, go to https://www.customer.com:2083 (cPanel)

053. Under EMAIL, click Email Accounts.

054. Click Add Email Account.

055. Email: sales@customer.com

056. Password:

057. Password (Again):

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058. Mailbox Quota: Choose 1024 MB

059. Check Send welcome email with mail client configuration instructions.

060. Click Create Account.

061. To access your Webmail, go to https://customer.com:2096/

===END OF TUTORIAL===

CENTOS 7.5 LINUX SERVER version 1805

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Step-by-Step Tutorial: How to Deploy cPanel Web Hosting Control Panel version 11.74 on CentOS 7.5 Linux Server version 1805 in Amazon AWS Cloud (2018-09-02 00:05) - Turritopsis Dohrnii Teo En Ming

Step-by-Step Tutorial: How to Deploy cPanel Web Hosting Control Panel version 11.74 on CentOS 7.5 Linux Server version 1805 in Amazon AWS Cloud

Secondary Subject/Topic: How to Setup a New Startup Web Hosting Company Using cPanel Web Hosting Control Panel version 11.74, CentOS 7.5 Linux Server version 1805, and Amazon AWS Cloud

Tertiary Subject/Topic: How to Startup Your Own Internet Business Like China's Billionaire Jack Ma. Will Teo En Ming Be Able to Emulate Jack Ma?

Objective: Experimental and Feasibility Studies for Teo En Ming's Startup Internet Business

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(6) National Infocomm Competency Framework (NICF) (Singapore) Certificate in Configuring a CISCO Switch, Year 2017
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AGE: 40 YEARS OLD (as at 1ST SEPTEMBER 2018)
COUNTRY OF RESIDENCE: REPUBLIC OF SINGAPORE
DATE: 1ST SEPTEMBER 2018 SATURDAY
TIME: 8:30 PM SINGAPORE TIME, GREENWICH MEAN TIME+8
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DOCUMENT VERSION: 1809.01

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NB: This document consists of a total of 251 steps.

SECTION 1: DEPLOYING THE CPANEL DNSONLY DOMAIN NAME SERVERS
==========

001. Login to your Amazon AWS Cloud account.

002. Click Services > Compute > EC2

003. Click Network and Security > Elastic IPs

004. Click Allocate new address. Click Allocate. New address request succeeded, for example, 13.58.134.234.

005. Click Instances > Instances. Click Launch Instance.

006. Click AWS Marketplace.

007. Search for CentOS.

008. Select CentOS 7 (x86 _64) - with Updates HVM Amazon Machine Image (AMI). Click Continue.

009. Select General Purpose, t2.micro, 1 vCPU, 1 GB RAM (FREE TIER ELIGIBLE).

010. Click Next: Configure Instance Details.

011. Select Network: <Your VPC network>

012. Select Subnet: <Your subnet> | Public subnet | us-east-2a

013. Click Protect against accidental termination.

014. Click Next: Add Storage

015. Click Next: Add Tags

016. Enter Key = Name and Value = CPANEL NAME SERVER 1

017. Click Next: Configure Security Group

018. Click Select an existing security group

019. Select NS _SG (Name Server Security Group).

020. Click Review and Launch. Click Launch.

021. Select a key pair.

022. Click Network and Security > Elastic IPs.

023. Select Elastic IP 13.58.134.234.

024. Click actions > associate address.

025. Select Instance: CPANEL NAME SERVER 1

026. Click Allow Elastic IP to be reassociated if already attached.

027. Click Associate.

028. Login to CentOS 7 Linux Server using Putty. Use centos as username.

Follow the Installation Guide - cPanel DNSONLY Installation at https://documentation.cpanel.net/display-/74Docs/Installation+Guide+-+cPanel+D NSONLY+Installation

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SECTION 2: INSTALLING CPANEL DNSONLY NAME SERVER 1
==========

029. cd /home

030. sudo curl -o latest-dnsonly -L https://securedownloads.cpanel.net/lates t-dnsonly

031. sudo sh latest-dnsonly

032. sudo /scripts/configure _firewall _for _cpanel

033. sudo passwd root

034. Go to https://13.58.134.234:2087 and login.

035. Click I Agree. Go to Step 2

036. Enter Server Contact Email Address.

037. Enter Server Hostname, for example, ns1.teo-en-ming-corp.com

038. Enter Primary Resolver, e.g. 8.8.8.8

039. Enter Secondary Resolver, e.g. 8.8.4.4

040. Click Save and Go to Step 3.

041. Click Skip this step and use my server's default settings.

042. Select BIND DNS Server.

043. Nameserver 1: ns1.teo-en-ming-corp.com

044. Nameserver 2: ns2.teo-en-ming-corp.com

045. Request another Elastic IP address in Amazon AWS Cloud as per steps above, e.g. 52.15.109.147

046. Click Configure Nameserver A Records

047. ns1.teo-en-ming-corp.com IPv4: 13.58.134.234

048. ns2.teo-en-ming-corp.com IPv4: 52.15.109.147

049. Click Finish.

050. Login to your domain registrar, e.g. godaddy.com

051. Select your domain name, e.g. teo-en-ming-corp.com

052. Click Manage DNS. Click Host names. Click Add.

053. Map ns1.teo-en-ming-corp.com to 13.58.134.234. Click Save.

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054. Click Add.

055. Map ns2.teo-en-ming-corp.com to 52.15.109.147. Click Save.

056. Select your domain name, e.g. teo-en-ming-corp.com

057. Click Manage DNS.

058. Under Nameservers, click Change. Select Custom.

059. Under Nameserver, enter ns1.teo-en-ming-corp.com and ns2.teo-en-ming-corp.com

060. Log out from your domain registrar, e.g. godaddy.com

061. You should now be able to access https://ns1.teo-en-ming-corp.com:2087/

SECTION 3: INSTALLING CPANEL DNSONLY NAME SERVER 2
==========

062. Go to Amazon AWS Management Console.

063. Click Instances > Instances.

064. Click Launch Instance.

065. Click AWS Marketplace.

066. Search for CentOS.

067. Select CentOS 7 (x86 _64) - with Updates HVM Amazon Machine Image (AMI). Click Continue.

068. Select General Purpose, t2.micro, 1 vCPU, 1 GB RAM (FREE TIER ELIGIBLE).

069. Click Next: Configure Instance Details.

070. Select Network: <Your VPC network>

071. Select Subnet: <Your subnet> | Public subnet | us-east-2a

072. Click Protect against accidental termination.

073. Click Next: Add Storage.

074. Click Next: Add Tags.

075. Enter Key = Name and Value = CPANEL NAME SERVER 2

075. Click Next: Configure Security Group

076. Click Select an existing security group

077. Select NS _SG (Name Server Security Group).

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078. Click Review and Launch. Click Launch.

079. Select a key pair.

080. Click Launch Instances.

081. Click Network and Security > Elastic IPs.

082. Select 52.15.109.147.

083. Click Actions > Associate address.

084. Select Instance: CPANEL NAME SERVER 2

085. Click Allow Elastic IP to be reassociated if already attached.

086. Click Associate.

087. Login to CentOS 7 Linux Server using Putty. Use centos as username.

088. cd /home

089. sudo curl -o latest-dnsonly -L https://securedownloads.cpanel.net/lates t-dnsonly

090. sudo sh latest-dnsonly

091. sudo /scripts/configure _firewall _for _cpanel

092. sudo passwd root

093. Go to https://ns2.teo-en-ming-corp.com:2087 and login.

094. Click I Agree. Go to Step 2.

095. Enter Server Contact Email Address.

096. Enter Server Hostname: ns2.teo-en-ming-corp.com

097. Enter Primary Resolver, e.g. 8.8.8.8

098. Enter Secondary Resolver, e.g. 8.8.4.4

099. Click Save and Go to Step 3.

100. Click Skip this stemp and use my server’s default settings.

101. Select BIND DNS Server.

102. Nameserver 1: ns1.teo-en-ming-corp.com

103. Nameserver 2: ns2.teo-en-ming-corp.com

104. Click Configure Nameserver A Records

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105. ns1.teo-en-ming-corp.com IPv4: 13.58.134.234

106. ns2.teo-en-ming-corp.com IPv4: 52.15.109.147

107. Click Finish.

SECTION 4: INSTALLING THE CPANEL WEB/VIRTUAL SERVER
==========

Follow the Installation Guide at https://documentation.cpanel.net/display /74Docs/Installation+Guide

108. Click Network and Security > Elastic IPs

109. Click Allocate new address. Click Allocate.

110. New address request succeeded, e.g. 18.223.26.190

111. Click Instances > Instances.

112. Click Launch Instance.

113. Click AWS Martketplace.

114. Search for CentOS.

115. Select CentOS 7 (x86 _64) - with Updates HVM Amazon Mage Image (AMI). Click Continue.

116. Select General purpose, t2.micro, 1 vCPU, 1 GB RAM (FREE TIER ELIGIBLE).

117. Click Next: Configure Instance Details.

118. Select Network: <Your VPC network>

119. Select Subnet: <Your subnet> | Public subnet | us-east-2a

120. Click Protect against accidental termination.

121. Click Next: Add Storage.

122. Change Size (GiB) from 8 to 30. It is still free tier eligible.

123. Click Next: Add Tags.

124. Enter Key = Name and Value = CPANEL WEB SERVER

125. Click Next: Configure Security Group

126. Click Select an existing security group.

127. Select VS _SG (Virtual Server Security Group).

128. Click Review and Launch. Click Launch.

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129. Select a key pair.
130. Click Launch Instances.
131. Click Network and Security > Elastic IPs.
132. Select 18.223.26.190
133. Click Actions > Associate address.
134. Select Instance: CPANEL WEB SERVER.
135. Click Allow Elastic IP to be reassociated if already attached.
136. Click Associate.
137. Login to CentOS 7 Linux Server using Putty. Use centos as username.
138. sudo passwd root
139. su - root
140. cd /home & & curl -o latest -L https://securedownloads.cpanel.net/lates t & & sh latest
141. /scripts/configure _firewall _for _cpanel
142. Go to https://18.223.26.190:2087 which is your Virtual Server and login.
143. Click I Agree. Go to Step 2.
144. Enter Server Contact Email Address.
145. Enter Server Hostname: cpanel.teo-en-ming-corp.com
146. Enter Primary Resolver, e.g. 8.8.8.8
147. Enter Secondary Resolver, e.g. 8.8.4.4
148. Click Save and Go to Step 3.
149. Click Skip this step and use my server’s default settings.
150. Under Nameserver Configuration, select Disabled. DNS Server is not necessary for a Virtual Server.
151. Nameserver 1: ns1.teo-en-ming-corp.com
152. Nameserver 2: ns2.teo-en-ming-corp.com
153. Click Configure Nameserver A Records
154. ns1.teo-en-ming-corp.com IPv4: 13.58.134.234

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155. ns2.teo-en-ming-corp.com IPv4: 52.15.109.147

156. Click Save and Go to Step 5.

157. Under FTP Configuration, select Pure-FTPD.

158. Click Enable Brute Force Protection. Select Everything.

159. Click Save and Go to Step 6.

160. Click Use filesystem quotas.

161. Click Finish.

162. Click Go to WHM.

163. Enable Global DCV Passthrough.

164. Enable The SSL/TLS Wizard in cPanel.

165. Click Save Settings.

SECTION 5: CONFIGURING CPANEL DNS CLUSTER
==========

SECTION 5.1: CONFIGURING DNS CLUSTER FOR THE PRIMARY NAME SERVER NS1.TEO-EN-MING-CORP.COM
========== -
==========

166. Go to https://ns1.teo-en-ming-corp.com:2087

167. Click Clusters > DNS Cluster.

168. Click Enable DNS Clustering.

169. Click Return to Cluster Status.

170. Go to https://ns2.teo-en-ming-corp.com:2087

171. Click Clusters > DNS Cluster

172. Click Enable DNS Clustering.

173. Click Return to Cluster Status.

For the following steps, please refer to Part 3: How I Built a cPanel Hosting Environment on Amazon AWS at https://blog.cpanel.com/part-3-how-i-built-a-cpanel-hosting-environment-on-amaz on-aws/

174. Go to https://ns1.teo-en-ming-corp.com:2087

175. Click Development > Manage API Tokens. API = Application Programming Interface.

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176. Click Generate Token.
177. Enter name: NS1
178. Click Everything
179. Click Save.
180. Copy your API token from Name Server 1 to the clipboard.
181. Go to https://18.223.26.190:2087 which is your Virtual Server.
182. Click Clusters > DNS Cluster
183. Click Enable DNS Clustering
184. Click Return to Cluster Status.
185. Select Backend Type: cPanel
186. Click Configure.
187. Remote cPanel & WHM DNS host: ns1.teo-en-ming-corp.com
188. Remote server username: root
189. Paste the API token from Name Server 1.
190. Click Setup Reverse Trust Relationship
191. Set DNS Role to Synchronize Changes.
192. Click Submit.
193. Click Return to Cluster Status
194. Go to https://18.223.26.190:2087 which is your Virtual Server.
195. Click Development > Manage API Tokens.
196. Click Generate Token.
197. Enter Name: VS
198. Click Everything.
199. Click Save.
200. Copy the API Token from the Virtual Server to the clipboard.
201. Go to https://ns1.teo-en-ming-corp.com:2087
202. Click Clusters > DNS Cluster

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203. Click Configure.

204. Remote cPanel & WHM DNS host: cpanel.teo-en-ming-corp.com

205. Remote server username: root

206. Paste the API Token from the Virtual Server.

207. Click Setup Reverse Trust Relationship.

208. Set DNS Role to Standalone.

209. Click Submit.

It says DNS Lookup Failed for cpanel.teo-en-ming-corp.com

210. Go to https://18.223.26.190:2087 which is your Virtual Server.

211. Click DNS Functions. Click Add an A Entry for Your Hostname.

212. Hostname: cpanel.teo-en-ming-corp.com

213. Server Main IP: 18.223.26.190

214. Click Add Entry.

Added cpanel.teo-en-ming-corp.com ok

You should now be able to ping cpanel.teo-en-ming-corp.com

215. Go to https://ns1.teo-en-ming-corp.com:2087

216. Click Clusters > DNS Cluster

217. Click Configure.

218. Remote cPanel & WHM DNS host: cpanel.teo-en-ming-corp.com

219. Remote server username: root

220. Copy the API Token from the Virtual Server.

221. Click Setup Reverse Trust Relationship.

222. Set DNS Role to Standalone.

223. Click Submit.

224. Click Return to Cluster Status.

SECTION 5.2: CONFIGURING DNS CLUSTER FOR THE SECONDARY NAME SERVER NS2.TEO-EN-MING-CORP.COM

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225. Go to https://ns2.teo-en-ming-corp.com:2087
226. Click Development > Manage API Tokens
227. Click Generate Token
228. Enter Name: NS2
229. Click Everything
230. Click Save.
231. Copy the API Token from Name Server 2 to the clipboard.
232. Go to https://18.223.26.190:2087 which is your Virtual Server.
233. Click Clusters > DNS Cluster
234. Click Configure.
235. Remote cPanel & WHM DNS host: ns2.teo-en-ming-corp.com
236. Remote server username: root
237. Paste the API Token from Name Server 2.
238. Click Setup Reverse Trust Relationship.
239. Set DNS Role to Synchronize Changes.
240. Click Submit.
241. Go to https://ns2.teo-en-ming-corp.com:2087
242. Click Clusters > DNS Cluster
243. Click Configure.
244. Remote cPanel & WHM DNS host: cpanel.teo-en-ming-corp.com
245. Remote server username: root
246. Paste the API Token from the Virtual Server.
247. Click Setup Reverse Trust Relationship
248. Set DNS Role to Standalone.
249. Click Submit

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250. Click Return to Cluster Status

SECTION 6: CONCLUSION
==========

251. You should now be able to access your Virtual Server at https://cpanel.teo-en-ming-corp.com:2087/

===END OF TUTORIAL===

If you happen to find any mistake with my step by step tutorial, please drop me a message.

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3.5 August

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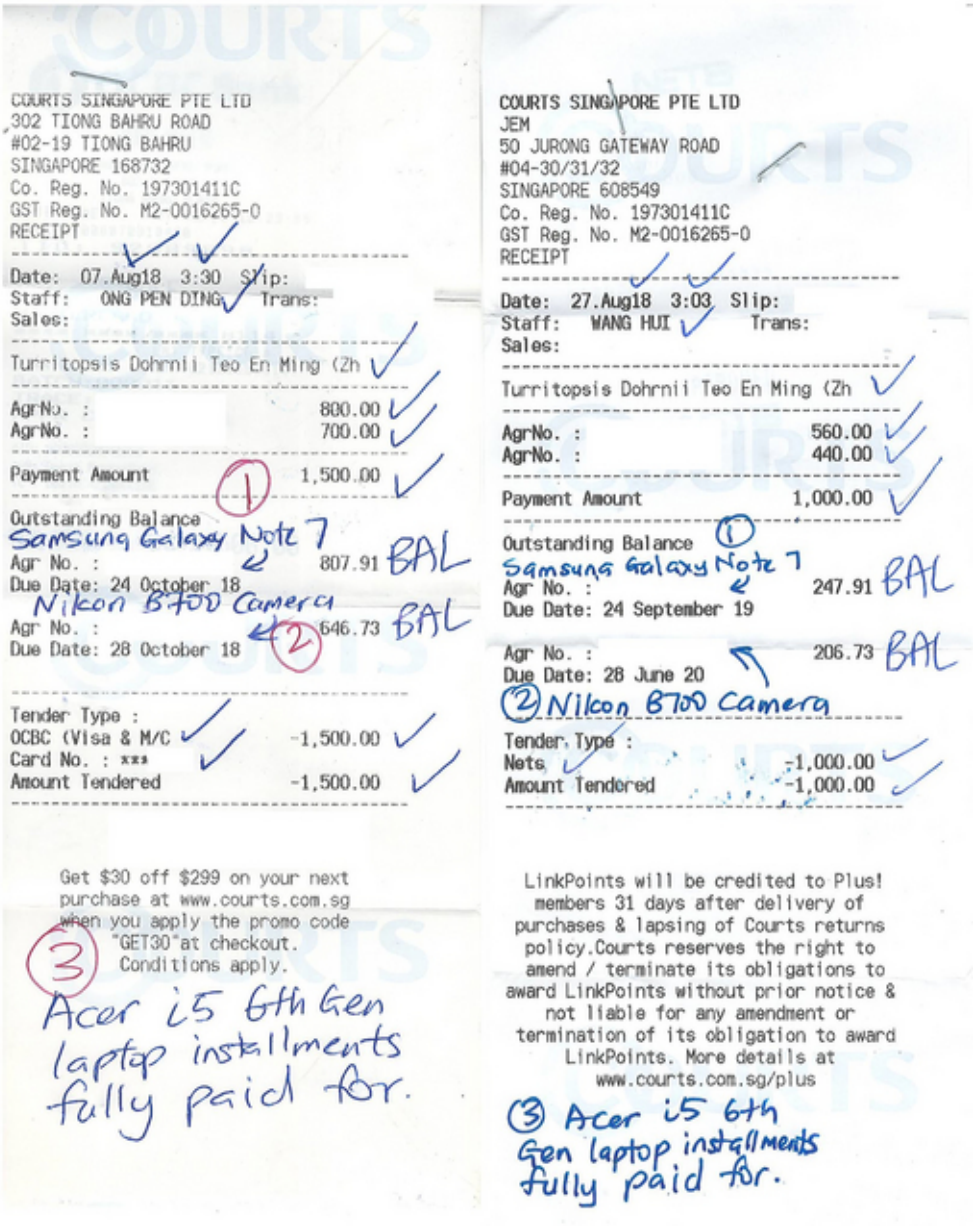
40 year old University graduate in Singapore bought Android phone, camera and laptop by Installment Plans/Hire Purchase (2018-08-28 23:18) - Turritopsis Dohrnii Teo En Ming



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302 TIONG BAHRU ROAD
#02-19 TIONG BAHRU
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Co. Reg. No. 197301411C
GST Reg. No. M2-0016265-0
RECEIPT

Date: 07.Aug18 3:30 Slip:
Staff: ONG PEN DING Trans:
Sales:

Turritopsis Dohrnii Teo En Ming (Zh

AgrNo. : 800.00
AgrNo. : 700.00

Payment Amount 1,500.00

Outstanding Balance
Samsung Galaxy Note 7
Agr No. : 807.91 BAL
Due Date: 24 October 18
Nikon B700 Camera
Agr No. : 646.73 BAL
Due Date: 28 October 18

Tender Type :
OCBC (Visa & M/C -1,500.00
Card No. : xxx
Amount Tendered -1,500.00

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Acer i5 6th Gen laptop installments fully paid for.

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Co. Reg. No. 197301411C
GST Reg. No. M2-0016265-0
RECEIPT

Date: 27.Aug18 3:03 Slip:
Staff: WANG HUI Trans:
Sales:

Turritopsis Dohrnii Teo En Ming (Zh

AgrNo. : 560.00
AgrNo. : 440.00

Payment Amount 1,000.00

Outstanding Balance
Samsung Galaxy Note 7
Agr No. : 247.91 BAL
Due Date: 24 September 19

Agr No. : 206.73 BAL
Due Date: 28 June 20
Nikon B700 Camera

Tender Type :
Nets -1,000.00
Amount Tendered -1,000.00

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Acer i5 6th Gen laptop installments fully paid for.

Only the poor acquire assets by using installment plans/hire purchase. Mr. Teo En Ming, a 40 year old National University of Singapore (NUS) graduate, bought Samsung Galaxy Note 7 Android phone, Nikon B700 4K compact camera, and Acer Aspire E5 laptop a few years ago by using installment plans/hire purchase from Courts Megastore in Singapore.

Since Teo En Ming is a 40 year old University graduate from NUS, why is he unable to purchase electronic gadgets in one lump sum? The reason is because he is a Targeted Individual. Targeted Individuals are people who are persecuted, targeted, and marked by the government. The government forbids Targeted Individuals from earning a lot of money. Hence Teo En Ming has to buy Android phone, camera and laptop on installment plans/hire purchase, despite being a very well-educated University graduate. Many people in Singapore can afford to buy bungalows, condos, luxury cars, Rolex watches, and other branded goods and travel around the world frequently without giving any thought but Teo En Ming simply can't.

Teo En Ming graduated from NUS with a Bachelor's degree in Mechanical Engineering (Second class lower

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honours) in 2006. Besides having a university degree, he has earned a Diploma in Mechatronics Engineering with MERIT from Singapore Polytechnic in 1998 and another Diploma in Computer Networking with 4 Distinctions from Singapore Polytechnic in 2017. A university graduate with 2 polytechnic diplomas in Singapore has to live in poverty. Isn't it an irony?

Teo En Ming offended Emperor Lee Kuan Yew in the year 2007 and 2009 respectively in private conversations, albeit un-intentionally. And this was many many years before Roy Ngerng Yi Ling and Amos Yee Pang Sang came along. If you are being punished by the government, obviously you will never be allowed to become rich. Obviously you don't need to be a super genious to realize this hard truth. Governments don't allow Targeted Individuals to earn a lot of money. The rule that was laid down by governments for Targeted Individuals is that Targeted Individuals must live in poverty forever.

So while many Singaporeans are Crazy Rich Asians, Teo En Ming is destined to be a Crazy Poor Asian for eternity.

So while many Singaporeans are Crazy Rich Asians, Teo En Ming is destined to be a Crazy Poor Asian for eternity.

So while many Singaporeans are Crazy Rich Asians, Teo En Ming is destined to be a Crazy Poor Asian for eternity.

So while many Singaporeans are Crazy Rich Asians, Teo En Ming is destined to be a Crazy Poor Asian for eternity.

So while many Singaporeans are Crazy Rich Asians, Teo En Ming is destined to be a Crazy Poor Asian for eternity.

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Teo En Ming is the John Forbes Nash and Edward Joseph Snowden of Singapore (2018-08-13 17:22) - Turritopsis Dohrnii Teo En Ming

Teo En Ming is the John Forbes Nash and Edward Joseph Snowden of Singapore. Both John Forbes Nash and Edward Joseph Snowden are , so Teo En Ming is as well.

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3.6 July

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I am a computer professional like Edward Joseph Snowden (2018-07-26 22:25) - Turritopsis Dohrnii Teo En Ming

I am a computer professional like Edward Joseph Snowden.

TEO EN MING's MAJOR ACHIEVEMENTS SO FAR:

(1) Completed setting up Windows Server 2016 Standard on Lenovo System X 3250 M6 SERVER with RAID ONE MIRRORING Array involving 2 units of 1 TB harddisks for <abcxyz> International

(2) Completed setting up Windows Server 2016 Standard on HP Proliant DL360 GEN10 SERVER with RAID 5 PARITY ARRAY involving 5 units of 600 GB SAS harddisks with No hot spares for <abcxyz> Pharmaceuticals Group China.

(3) Completed setting up Exchange Email SERVER with distinct and separate (a) Windows Server 2016 Domain Controller, Active Directory Domain Services & DNS Server and (b) Exchange 2016 GROUPWARE on top of Windows Server 2016 Domain Member Server for <abcxyz> CORPORATION.

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360 Jimmy says that I am behkan (2018-07-26 22:19) - Turritopsis Dohrnii Teo En Ming

I am not a very intelligent man. When I was studying at Singapore Polytechnic computer networking class of 2017, my classmate spent 10 hours revising and scored 98 marks for the test. I spent 80 hours revising the same topics and scored 100 marks, merely 2 marks better than my classmate.

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Ambitious World Wide IT Solutions (2018-07-17 10:38) - Turritopsis Dohrnii Teo En Ming

Our team is helmed by the illustrious IT Professional Mr. Turritopsis Dohrnii Teo En Ming. Mr. Teo En Ming is a world leading IT Professional.

Affordable services provided:

1. Deployment of servers in the Cloud, e.g. Amazon AWS, Microsoft Azure, Google Cloud Platform, Alibaba Cloud, etc
2. Basic setup of commercial firewalls, e.g. SonicWall, Fortinet, Cisco ASA, etc
3. Basic setup of open source firewalls, e.g. pfsense, opnsense, ipfire, etc
4. Basic setup of Intrusion Detection Systems (IDS) and Intrusion Prevention Systems (IPS) based on Snort
5. Basic setup of enterprise networking devices, e.g. Cisco routers and switches
6. Basic setup of SOHO wireless routers, e.g. Asus, Linksys, Netgear, TP-link, etc
7. Basic setup of VPN servers, e.g. IPsec VPN, SSL VPN, PPTP VPN
8. Deployment of Microsoft Exchange email servers
9. Deployment of cPanel web hosting control panels
10. Deployment of Windows-based Servers
11. Deployment of Linux-based Servers
12. Deployment of Active Directory, DNS Servers, Mail Servers, Web Servers, etc
13. Customize your desktop computers
14. Installation of Windows client operating systems
15. Installation of Linux client operating systems

Please send us an email at AmbitiousWorldWideITSolutions@gmail.com to request for a no obligations quote.

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Highly Suspicious: Did the Singapore Government threaten many companies in Singapore?

(2018-07-17 10:02) - Turritopsis Dohrnii Teo En Ming

I am an IT Support Engineer in Singapore.

More and more companies in Singapore are saying they don’t want me to go on-site to provide IT support for them.

Did the Singapore Government *COVERTLY* communicate with these companies and threaten them not to let me go on-site to provide IT support for these companies?

This is highly suspicious. Highly.

Want to drive me out of employment in Singapore?

Want to drive me out of Singapore?

Conspiracy!!!

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I cannot survive in Singapore. Which country should I go to? (2018-07-10 07:54) - Turritopsis Dohrnii Teo En Ming

My boss says he received feedback from *ALL* of the 5000 TRILLION companies in Singapore that they think my IQ is too low, that I am too slow and I take too long in solving IT problems. So *ALL* of the companies in Singapore don't want me to handle their IT problems. Since *ALL* of the companies in Singapore don't want me to be their IT solutions provider and I cannot survive in Singapore any more, should I go overseas to apply for Economic Refugee status? Which developed country should I go to?

I am a Targeted Individual.

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I am a Computer Professional like former National Security Agency computer expert Edward Joseph Snowden (2018-07-03 22:12) - Turritopsis Dohrnii Teo En Ming

I am a Computer Professional like former National Security Agency computer expert Edward Joseph Snowden.

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I am a computer professional like Edward Joseph Snowden (2018-07-03 00:12) - Turritopsis Dohrnii Teo En Ming

I am a computer professional like Edward Joseph Snowden.

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3.7 June

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The Fermi Paradox (2018-06-24 23:27) - Turritopsis Dohrnii Teo En Ming

The **Fermi paradox**, or **Fermi's paradox**, named after physicist [1]Enrico Fermi, is the apparent contradiction between the lack of [2]evidence and high [3]probability estimates[4][1] for the existence of [5]extraterrestrial civilizations.[6][2] The basic points of the argument, made by [7]physicists [8]Enrico Fermi (1901–1954) and [9]Michael H. Hart (born 1932), are:

- There are billions of stars in the [10]galaxy that are similar to the [11]Sun,[12][3][13][4] and many of these stars are billions of years older than the [14]Solar system.[15][5][16][6]
- With high probability, some of these stars have [17]Earth-like planets,[18][7][19][8] and if the Earth is typical, some may have developed [20]intelligent life.
- Some of these [21]civilizations may have developed [22]interstellar travel, a step the Earth is investigating now.
- Even at the slow pace of currently envisioned interstellar travel, the [23]Milky Way galaxy could be completely traversed in a few million years.[24][9]

According to this line of reasoning, the Earth should have already been visited by extraterrestrial aliens. In an informal conversation, Fermi noted no convincing evidence of this, leading him to ask, "Where is everybody?"[25][10][26][11] There have been many attempts to explain the Fermi paradox,[27][12][28][13] primarily either suggesting that intelligent extraterrestrial life is extremely rare or proposing reasons that such civilizations have not contacted or visited Earth.

Source: Wikipedia

1. https://en.wikipedia.org/wiki/Enrico_Fermi
2. https://en.wikipedia.org/wiki/Evidence
3. https://en.wikipedia.org/wiki/Probability
4. https://en.wikipedia.org/wiki/Fermi_paradox#cite_note-1
5. https://en.wikipedia.org/wiki/Extraterrestrial_life
6. https://en.wikipedia.org/wiki/Fermi_paradox#cite_note-:0-2
7. https://en.wikipedia.org/wiki/Physicists
8. https://en.wikipedia.org/wiki/Enrico_Fermi
9. https://en.wikipedia.org/wiki/Michael_H._Hart
10. https://en.wikipedia.org/wiki/Galaxy
11. https://en.wikipedia.org/wiki/Sun
12. https://en.wikipedia.org/wiki/Fermi_paradox#cite_note-3
13. https://en.wikipedia.org/wiki/Fermi_paradox#cite_note-4
14. https://en.wikipedia.org/wiki/Solar_system
15. https://en.wikipedia.org/wiki/Fermi_paradox#cite_note-5
16. https://en.wikipedia.org/wiki/Fermi_paradox#cite_note-6
17. https://en.wikipedia.org/wiki/Earth
18. https://en.wikipedia.org/wiki/Fermi_paradox#cite_note-7
19. https://en.wikipedia.org/wiki/Fermi_paradox#cite_note-8
20. https://en.wikipedia.org/wiki/Human_intelligence
21. https://en.wikipedia.org/wiki/Civilization
22. https://en.wikipedia.org/wiki/Interstellar_travel
23. https://en.wikipedia.org/wiki/Milky_Way
24. https://en.wikipedia.org/wiki/Fermi_paradox#cite_note-Hart-9
25. https://en.wikipedia.org/wiki/Fermi_paradox#cite_note-OSTI-19850301-10
26. https://en.wikipedia.org/wiki/Fermi_paradox#cite_note-NYT-20150803-11
27. https://en.wikipedia.org/wiki/Fermi_paradox#cite_note-12
28. https://en.wikipedia.org/wiki/Fermi_paradox#cite_note-13

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The Mediocrity Principle (2018-06-24 23:22) - Turritopsis Dohrnii Teo En Ming

Argument For Extraterrestrial Intelligence

The argument for the existence of extraterrestrial intelligence is based on the so-called

principle of mediocrity. Widely believed by astronomers since the work of [1]Nicolaus Copernicus, this principle states that the properties and evolution of the solar system are not unusual in any important way. Consequently, the processes on [2]Earth that led to life, and eventually to thinking beings, could have occurred throughout the cosmos.

The most important assumptions in this argument are that (1) planets capable of spawning life are common, (2) biota will spring up on such worlds, and (3) the workings of [3]natural selection on planets with life will at least occasionally produce intelligent species. To date, there is no proof of any of these assumptions. However, astronomers are currently hunting for small, rocky planets that, like Earth, could have atmospheres and oceans able to support life. Unlike the efforts that have detected massive, [4]Jupiter-size planets by measuring the wobble they induce in their parent stars, the search for smaller worlds involves looking for the slight dimming of a star that occurs if an Earth-size planet passes in front of it. The U.S. satellite

[5]Kepler, launched in 2009, is designed to observe more than 100,000 stars in the hope of observing such transits. Another approach is to construct space-based telescopes that can analyze the light reflected from the atmospheres of planets around other stars, in a search for gases such as [6]oxygen or [7]methane that are indicators of biological activity. If Kepler and other satellites succeed, assumption 1 will be validated. In addition, space probes are trying to find evidence for life that emerged on Mars or other worlds in the solar system, thus addressing assumption 2. Proof of assumption 3, that thinking beings will evolve on some of the worlds with life, requires finding direct evidence. This evidence might be encounters, discovery of physical [8]artifacts, or the detection of signals. Claims of encounters are problematic. Despite more than a half-century of reports involving [9]unidentified flying objects, crashed spacecraft, crop circles, and abductions, most scientists remain unconvinced that any of these are adequate proof of visiting aliens.

Source: Britannica Encyclopedia

1. https://www.britannica.com/biography/Nicolaus-Copernicus
2. https://www.britannica.com/place/Earth
3. https://www.britannica.com/science/natural-selection
4. https://www.britannica.com/place/Jupiter-planet
5. https://www.britannica.com/topic/Kepler-satellite
6. https://www.britannica.com/science/oxygen
7. https://www.britannica.com/science/methane
8. https://www.merriam-webster.com/dictionary/artifacts
9. https://www.britannica.com/topic/unidentified-flying-object

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Why You Will Never Be Able to Outsmart the Singapore Government (2018-06-24 23:01) - Turritopsis Dohrnii Teo En Ming

Here are THREE reasons why you will never be able to outsmart the Singapore Government.

1. The government has Mind Control Technology, which allows the government to read your mind and thoughts, as well as see through your eyes and hear through your ears. The government has complete and unfettered access to your thoughts. Even if you are a rare super genius born once every 10,000 years, you will never be able to outsmart the government. With Mind Control Technology, your thoughts are under 24x7 surveillance.

2. The government has Trillions of dollars and INFINITE resources.

3. More than 5000 BILLION people in Singapore are hardcore PAP supporters. You are alone. Nobody is on your side.

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Why I Like Information Technology (2018-06-24 22:18) - Turritopsis Dohrnii Teo En Ming

There are 2 primary reasons.

1. Because of former National Security Agency computer expert Edward Joseph Snowden.

2. Because Prime Minister Lee Hsien Loong has a Diploma in Computer Science.

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When No One is Speaking Up For You (2018-06-12 07:49) - Turritopsis Dohrnii Teo En Ming

You stand up for yourself. You speak up for yourself. And you campaign for yourself.

Targeted Individuals (TIs) like Teo En Ming are socially isolated.

How true!

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Special Appeal to U.S. President Donald Trump: Please Take Me With You On Board Air Force One... (2018-06-11 21:40) - Turritopsis Dohrnii Teo En Ming

Subject/Topic: Special Appeal to U.S. President Donald Trump: Please Take Me With You On Board Air Force One...

NOTICE BOARD: This is a WORLDWIDE announcement published on the public internet.

Dear Mr. President,

I have been persecuted by the Singapore Government (the ruling Lee dynasty) since the year 2007, or perhaps even much earlier.

It is very probable that I could have been MARKED when I was a child during my primary school days. Now I am MARKED everywhere I go.

Please have a look at my academic qualifications, the most recent records of which dates back to 30th Oct 2017.

Official Records of Teo En Ming:

[1] [1]https://tdtemcerts.wordpress.com/

[2] [2]https://tdtemcerts.blogspot.sg/

[3] [3]https://www.scribd.com/user/270125049/Teo-En-Ming

As shown by the above links, I graduated from the National University of Singapore (NUS) in 2006 with a Bachelor's degree (Second Lower Honors) in Mechanical Engineering with Electives in Aerospace Engineering. To complement my basic university degree, I also have a part-time Diploma (Conversion) in Computer Networking from Singapore Polytechnic (Graduated in 2017) and another earlier Diploma in Mechatronics Engineering with Merit from Singapore Polytechnic (Graduated in 1998). The curriculum for my Diploma in Computer Networking is based on Cisco Certified Network Associate (CCNA) Routing and Switching. Presently, I have a keen interest in Cybersecurity. I may pursue studies in CCNA Security or Certified Information Systems Security Professional (CISSP) in the future. Can I be the Cybersecurity Adviser to the U.S. President?

I may not have the brightest mind. I may not be the smartest man. I may not be the most intelligent man. But I am confident I can contribute positively to the economy of my adoptive country. Please do not reject me simply because I have lower than average Intelligence Quotient (IQ).

Please do help me apply for political asylum/economic refugee status.

Since you are already in Singapore for the Democratic People's Republic of Korea (Kim Jong Un) - USA (Donald Trump) Singapore Summit,

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please take me along with you on board Air Force One. I don't want to live in Singapore any more. It is a very sad place.

Singaporeans cannot change their government by electoral vote. The following excerpt from a Wikipedia article on Emperor of China Yuan Shikai explains why:

"Yang reasoned that the Chinese masses had long been used to autocratic rule, the Republic had only been effective as a transitional phase to end Manchu rule, and China's political situation demanded the stability that only a monarchy could ensure."

Thank you very much for your kind assistance.

Yours sincerely,

MR. TURRITOPSIS DOHRNII TEO EN MING (ZHANG ENMING) @ TIME TRAVELLER
40 YEARS OLD
SUBJECT AND CITIZEN OF THE KINGDOM OF SINGAPORE
TARGETED INDIVIDUAL (TI)
11th JUNE 2018 MONDAY 12:07 AM SINGAPORE TIME GMT+8

PS. With profound admiration for the United States: Leader of the Free World.

Document Version: 1806.1

1. https://tdtemcerts.wordpress.com/
2. https://tdtemcerts.blogspot.sg/
3. https://www.scribd.com/user/270125049/Teo-En-Ming

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3.8 May

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Great Britain Stands Alone 1940 (2018-05-28 07:21) - Turritopsis Dohrnii Teo En Ming

No.

Teo En Ming Stands Alone 2007 to present.

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Government Won't Allow Targeted Individuals to Earn Much Money (2018-05-26 00:34) - Turritopsis Dohrnii Teo En Ming

From the Hand Book/Reference Book/Guide Book for Targeted Individuals which teaches Targeted Individuals what to expect from the government:

"Financial surveillance [by the government]. It looks like every penny[/every cent] a Targeted Individual has is counted [by the government] and only a certain amount [of money] is allowed for the Targeted Individual to gain [or earn]."

Hand Book/Reference Book/Guide Book for Targeted Individuals written by Targeted Individuals Europe:

[1]https://targetedindividualseurope.wordpress.com/ti-symptoms/

Teo En Ming is a Targeted Individual (TI).

1. `https://targetedindividualseurope.wordpress.com/ti-symptoms/`

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Opposition Supporters in Singapore Always Get Fired from their Jobs? (2018-05-25 23:31) - Turritopsis Dohrnii Teo En Ming

The following article was written by a certain Kane Camden in Singapore.

that goes to show , pro-PAP is no use.... time to wake up !

I just need to tell you few stories, firstly my school mate, a FB manager of 20 years making $6000 ++ a month has been replaced by a cheap Pinoy. All these years, he is very PRO PAP and repeated PAP mantras such as Singaporeans are lazy, cannot work long hours and Singapore government has to import foreigners to do the jobs. Maybe he thinks he is PRO PAP and believes replacement of locals only happen to opposition supporters who KPKB, lazy, want free rides from PAP. He looked dazed and deeply shocked, hopefully he watches those WSG/E2i advertisements to go retrain to be security guard or something.

Next is a a 50+ local auntie from dry market in Choa Chu Kang, for more than 10 years she was working for a Chinese lady boss selling cakes. She always praised PAP, very PRO PAP, always tell me no Singaporeans want to do her kind of job. Last week, I found her replaced by a PRC study mama that cannot understand Chinese nor Hokkien. I noticed the wet market, more than 90 % of the workers are foreigners from Malaysia, Philippines and China. I guessed this 50+ local lady must be now enjoying life under PAP, no need to work so hard, waiting for PAP to distribute handouts?

My neighbour also very PRO PAP guy, Diploma from Singapore Polytechnic, working as retail supervisor, replaced by foreigner, sitting at home for more than 1 year already.

My property agent class mate told me recently 6 Indians and 5 Vietnamese on EP are asking him to look for condos in the west, they are working as bankers. Guess as PAP tells you all the time, all these jobs can't find locals to do, they need to import these third world foreigners to help Singapore. What kind of pay if they are looking for condo? Surely not $1000 a month… that can only buy HDB. LOL

Anyway, HDB Chief had recently indicated the infrastructure is ready for 10M, more work passes were issued to foreigners last year and many years before. We assume there is no curb on importing foreigners as we will breaching 6M by 2018.

I went to SIM Lim recently, a shock of my life, almost 90 % are foreigners. Where have the locals gone? All enjoying good life at home, waiting for hand outs from PAP? The same case at shopping, office complexes and public area. I also see a rising numbers of locals at my HDB block sitting at home and lots of foreigners moving into my flat. The replacement of locals seem to be exponential, you don't see it?

Every PAP voter seems to believe they have a golden shield, all the replacement of locals at work won't happen to them, only opposition supporters. This is something I cannot personally comprehend, can you tell me why?

Kane Camden

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Vivian Lai Lives in $8 MILLION House while Teo En Ming Lives in $26 HDB One-Room Rental Flat for the Extremely Poor **(2018-05-25 23:22) - Turritopsis Dohrnii Teo En Ming**

Singaporean Mediacorp actress-host Vivian Lai, 41 years old, lives in a $8 MILLION house, according to an AsiaOne news article.

AsiaOne news article: A look inside Vivian Lai's $8m home
Link: [1]http://www.asiaone.com/multimedia/gallery/look-inside-vivian-lai s-8m-home

Teo En Ming is a 40-year old National University of Singapore (NUS) graduate and lives in a $26 HDB One-Room Rental Flat for the extremely poor.

He has a Bachelor degree (Honours) in Mechanical Engineering (earned in 2006), with a polytechnic diploma in Mechatronics Engineering (earned in 1998) and another polytechnic diploma in Computer Networking (earned in 2017).

1. `http://www.asiaone.com/multimedia/gallery/look-inside-vivian-lais-8m-home`

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Teo En Ming is the Poorest Person in Singapore (2018-05-25 23:05) - Turritopsis Dohrnii Teo En Ming

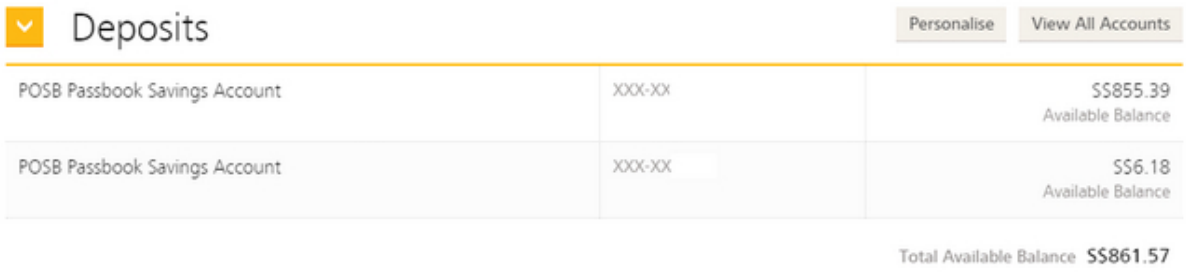
I am a National University of Singapore (NUS) graduate, currently 40 years old.

I have a Bachelor degree (Honours) in Mechanical Engineering (earned in 2006), with a polytechnic diploma in Mechatronics Engineering (earned in 1998) and another polytechnic diploma in Computer Networking (earned in 2017).

I am the POOREST person with the LOWEST Socio-Economic Status (SES) in Singapore. I have virtually no savings for the last 40 years of my life.

As at 25th May 2018 Friday, all of my life savings is only SGD $861.

Fantastic. Isn't it?



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Teo En Ming's CPF Contribution History for the Past 15 Months (2018-05-25 22:46) - Turritopsis Dohrnii Teo En Ming

I am a NUS university graduate, currently 40 years old.

I have a Bachelor degree (Honours) in Mechanical Engineering with a polytechnic diploma in Mechatronics Engineering and another polytechnic diploma in Computer Networking.

This is my CPF Employer Contribution History for the past 15 months from March 2017 to May 2018.

Mr TURRITOPSIS DOHRNII TEO EN MING (CPF Account Number:

My Statement - Contribution Histo

For Mar 2017 to May 2018

Employer Contribution

For Month	Paid On	Amount ($)
FEB 2017	17 Mar 2017	255.00
APR 2017	17 May 2017	143.00
MAY 2017	16 Jun 2017	851.00
JUN 2017	18 Jul 2017	851.00
JUL 2017	16 Aug 2017	31.00
AUG 2017	18 Sep 2017	14.00
SEP 2017	16 Oct 2017	34.00
SEP 2017	17 Oct 2017	692.00
OCT 2017	16 Nov 2017	660.00
NOV 2017	14 Dec 2017	83.00
NOV 2017	18 Dec 2017	158.00
DEC 2017	15 Jan 2018	999.00
JAN 2018	02 Mar 2018	999.00
FEB 2018	14 Mar 2018	999.00
MAR 2018	16 Apr 2018	863.00
APR 2018	15 May 2018	999.00

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Certificate of Completion for Introduction to Cybersecurity Course at Cisco Networking Academy

(2018-05-07 23:00) - Turritopsis Dohrnii Teo En Ming

Cisco Networking Academy
Mind Wide Open

Certificate of Completion

Presented to:

Turritopsis Dohrnii Teo En Ming

Name

For completing the Cisco Networking Academy® Introduction to Cybersecurity course, and demonstrating the ability to explain the following:

- Global implications of cyber threats
- Ways in which networks are vulnerable to attack
- Impact of cyber-attacks on industries
- Cisco's approach to threat detection and defense
- Why cybersecurity is a growing profession
- Opportunities available for pursuing network security certifications

Harbrinder Kang
VP, Cisco Networking Academy

May 7, 2018

Date

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3.9 March

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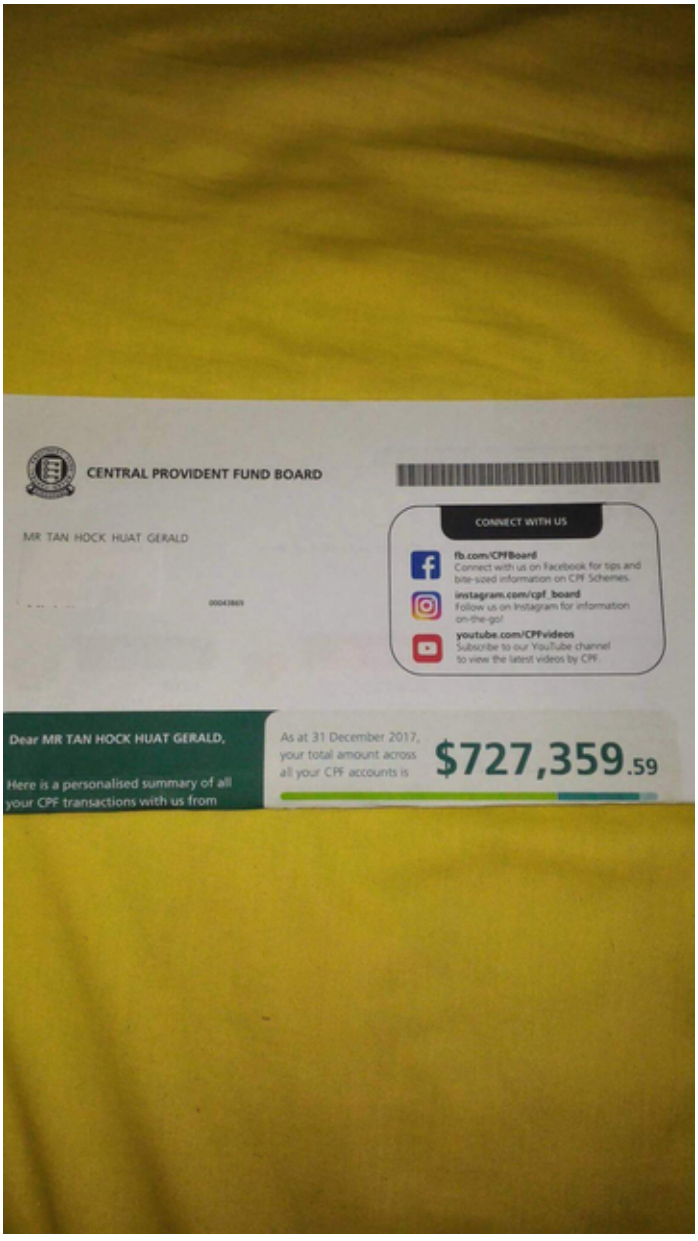
Gerald Tan’s CPF $727,000; Teo En Ming’s CPF $42,000 (2018-03-31 14:38) - Turritopsis Dohrnii Teo En Ming

Stark contrast:

Gerald Tan’s CPF $727,000 (20+ years old as at year 2018)
Teo En Ming’s CPF $42,000 (40 years old as at year 2018)



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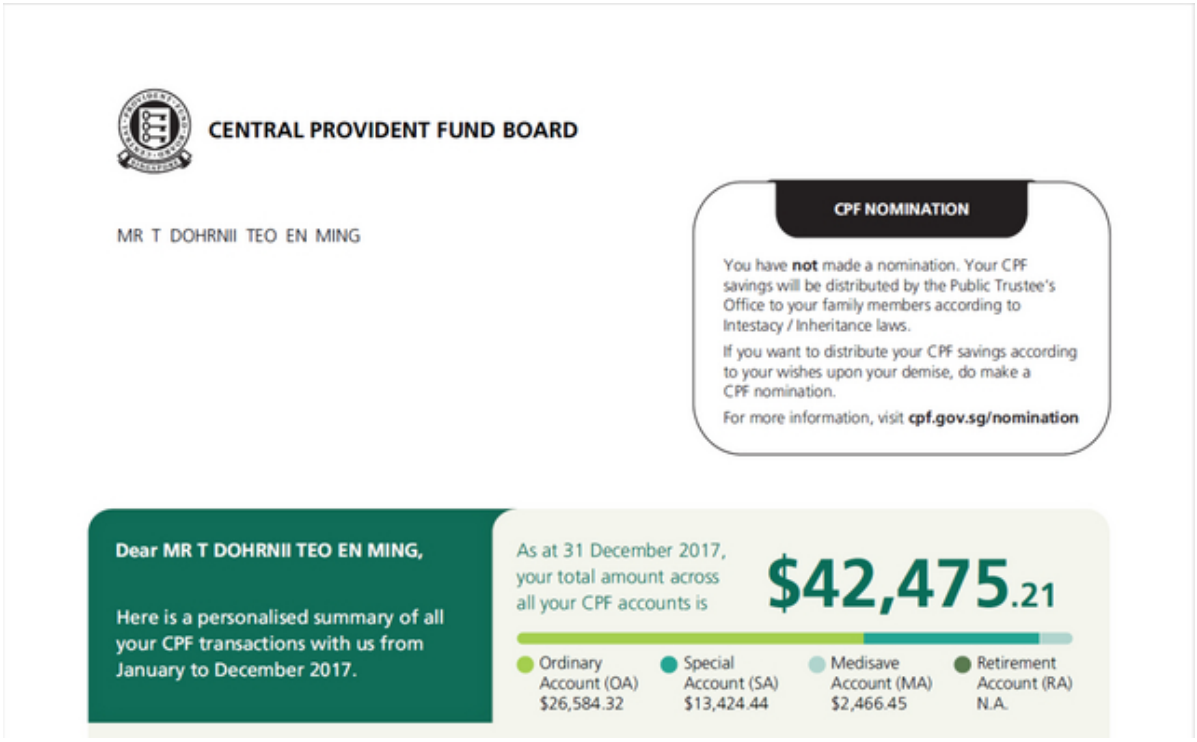

CENTRAL PROVIDENT FUND BOARD

MR T DOHRNII TEO EN MING

CPF NOMINATION

You have **not** made a nomination. Your CPF savings will be distributed by the Public Trustee's Office to your family members according to Intestacy / Inheritance laws.

If you want to distribute your CPF savings according to your wishes upon your demise, do make a CPF nomination.

For more information, visit **cpf.gov.sg/nomination**

Dear MR T DOHRNII TEO EN MING,

Here is a personalised summary of all your CPF transactions with us from January to December 2017.

As at 31 December 2017, your total amount across all your CPF accounts is **$42,475.21**

Ordinary Account (OA)	Special Account (SA)	Medisave Account (MA)	Retirement Account (RA)
$26,584.32	$13,424.44	$2,466.45	N.A.

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Teo En Ming is a Targeted Individual (TI) (2018-03-19 07:45) - Turritopsis Dohrnii Teo En Ming

Teo En Ming is a Targeted Individual (TI) since 2007, or perhaps even much earlier.

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Presidential Records Act (2018-03-11 13:28) - Turritopsis Dohrnii Teo En Ming

The

Presidential Records Act

(PRA) of 1978, [1]44 United States Code [2]Sections 2201 – [3]2207 , is an [4]Act of Congress of the [5]United States governing the official records of [6]Presidents and [7]Vice Presidents created or received after January 20, 1981, and mandating the preservation of all presidential records. The PRA changed the legal ownership of the official records of the President from private to public, and established a new statutory structure under which Presidents must manage their records.

1. https://en.wikipedia.org/wiki/Title_44_of_the_United_States_Code
2. https://www.law.cornell.edu/uscode/text/44/2201
3. https://www.law.cornell.edu/uscode/text/44/2207
4. https://en.wikipedia.org/wiki/Act_of_Congress
5. https://en.wikipedia.org/wiki/United_States
6. https://en.wikipedia.org/wiki/President_of_the_United_States
7. https://en.wikipedia.org/wiki/Vice_President_of_the_United_States

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National Archives and Records Administration (2018-03-11 13:25) - Turritopsis Dohrnii Teo En Ming

1. National Archives and Records Administration (USA):

The National Archives and Records Administration (NARA) is an [1]independent agency of the United States government charged with preserving and documenting government and historical records and with increasing public access to those documents, which comprise the National Archives. [2][6] NARA is officially responsible for maintaining and publishing the legally authentic and authoritative copies of [3]acts of Congress, [4]presidential proclamations and executive orders, and federal regulations. The NARA also transmits votes of the [5]Electoral College to Congress.

2. National Archives (United Kingdom):

The National Archives (TNA) is a [6]non-ministerial government department. [7][2] Its parent department is the [8]Department for Culture, Media and Sport of the [9]United Kingdom of Great Britain and Northern Ireland. [10][3] It is the official [11]archive of the UK government and for England and Wales; and "guardian of some of the nation's most iconic documents, dating back more than 1,000 years." [12][4] There are separate national archives for [13]Scotland (the [14]National Records of Scotland) and [15]Northern Ireland (the [16]Public Record Office of Northern Ireland).

TNA was formerly four separate organisations: the [17]Public Record Office (PRO), the [18]Historical Manuscripts Commission, the [19]Office of Public Sector Information (OPSI) and [20]Her Majesty's Stationery Office (HMSO). The Public Record Office still exists as a legal entity, as the enabling legislation has not been modified, [21][5]

[22][6] and documents held by the institution thus continue to be cited by many scholars as part of the PRO. [23][7] Since 2008, TNA has also hosted the former UK Statute Law Database, now known as [24]legislation.gov.uk.

It is institutional policy to include the definite article, with an initial capital letter, in its name (hence "The National Archives", abbreviated as TNA) but this practice is not always followed in the non-specialist media.

3. National Archives (Singapore):

The National Archives of Singapore (NAS) is the [25]national archives of [26]Singapore. It was formed in August 1993 with the merging of the National Archives and the Oral History Department. The NAS is responsible for the collection and management of records relating to the nation's political, social and economic history. NAS also identifies and collects records of historical significance from local and overseas private sources. In 1993, both NAS and the [27]National Museum of Singapore were brought under the administration of the [28]National Heritage Board. [29][1]

The National Archives was originally established in 1968 for the preservation and administration of the nation's archives. It holds records as far back as 1800, 19 years before the arrival of Sir [30]Stamford Raffles and the founding of the modern nation. The Oral History Centre documents the history of Singapore through the use of oral history methodology. NAS has a selection of archival materials available for viewing by the public, including public records, building plans, oral history recordings, photographs, electronic records and an audio-visual collection of microfilms, films, videotapes, colour slides, negatives and maps. The National Archives of Singapore (NAS) is an institution of the National Library Board (NLB)

1. https://en.wikipedia.org/wiki/Independent_agencies_of_the_United_States_government
2. https://en.wikipedia.org/wiki/National_Archives_and_Records_Administration#cite_note-what-6
3. https://en.wikipedia.org/wiki/Acts_of_Congress
4. https://en.wikipedia.org/wiki/Executive_order
5. https://en.wikipedia.org/wiki/Electoral_College_(United_States)
6. https://en.wikipedia.org/wiki/Non-ministerial_government_department
7. https://en.wikipedia.org/wiki/The_National_Archives_(United_Kingdom)#cite_note-GovUK_NA01-2
8. https://en.wikipedia.org/wiki/Department_for_Culture,_Media_and_Sport
9. https://en.wikipedia.org/wiki/United_Kingdom_of_Great_Britain_and_Northern_Ireland
10. https://en.wikipedia.org/wiki/The_National_Archives_(United_Kingdom)#cite_note-3
11. https://en.wikipedia.org/wiki/Archive
12. https://en.wikipedia.org/wiki/The_National_Archives_(United_Kingdom)#cite_note-4

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13. https://en.wikipedia.org/wiki/Scotland
14. https://en.wikipedia.org/wiki/National_Records_of_Scotland
15. https://en.wikipedia.org/wiki/Northern_Ireland
16. https://en.wikipedia.org/wiki/Public_Record_Office_of_Northern_Ireland
17. https://en.wikipedia.org/wiki/Public_Record_Office
18. https://en.wikipedia.org/wiki/Royal_Commission_on_Historical_Manuscripts
19. https://en.wikipedia.org/wiki/Office_of_Public_Sector_Information
20. https://en.wikipedia.org/wiki/Office_of_Public_Sector_Information
21. https://en.wikipedia.org/wiki/The_National_Archives_(United_Kingdom)#cite_note-5
22. https://en.wikipedia.org/wiki/The_National_Archives_(United_Kingdom)#cite_note-6
23. https://en.wikipedia.org/wiki/The_National_Archives_(United_Kingdom)#cite_note-7
24. https://en.wikipedia.org/wiki/Legislation.gov.uk
25. https://en.wikipedia.org/wiki/List_of_national_archives
26. https://en.wikipedia.org/wiki/Singapore
27. https://en.wikipedia.org/wiki/National_Museum_of_Singapore
28. https://en.wikipedia.org/wiki/National_Heritage_Board_(Singapore)
29. https://en.wikipedia.org/wiki/National_Archives_of_Singapore#cite_note-1
30. https://en.wikipedia.org/wiki/Stamford_Raffles

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Teo En Ming, 1st and 2nd in Class (Secondary School) (2018-03-04 17:11) - Turritopsis Dohrnii Teo En Ming

[1]https://www.scribd.com/document/372912634/teo-en-ming-1st-and-2nd-in-c lass-secondary-school

1. https://www.scribd.com/document/372912634/teo-en-ming-1st-and-2nd-in-class-secondary-school

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Historical Records Series 1, Office of the Grand Historian (2018-03-04 12:46) - Turritopsis Dohrnii Teo En Ming

[1]https://www.scribd.com/document/372903795/Historical-Records-Series-1- Office-of-the-Grand-Historian

[2]https://drive.google.com/open?id=1jt5 _1TLugMr0OnGgIdu9LhXnhSLstTAJ

[3]https://1drv.ms/b/s!ArahPxJAVR61gSPcSTJg4LlHiUlz

1. https://www.scribd.com/document/372903795/Historical-Records-Series-1-Office-of-the-Grand-Historian
2. https://drive.google.com/open?id=1jt5_1TLugMr0OnGgIdu9LhXnhSLstTAJ
3. https://1drv.ms/b/s!ArahPxJAVR61gSPcSTJg4LlHiUlz

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3.10 February

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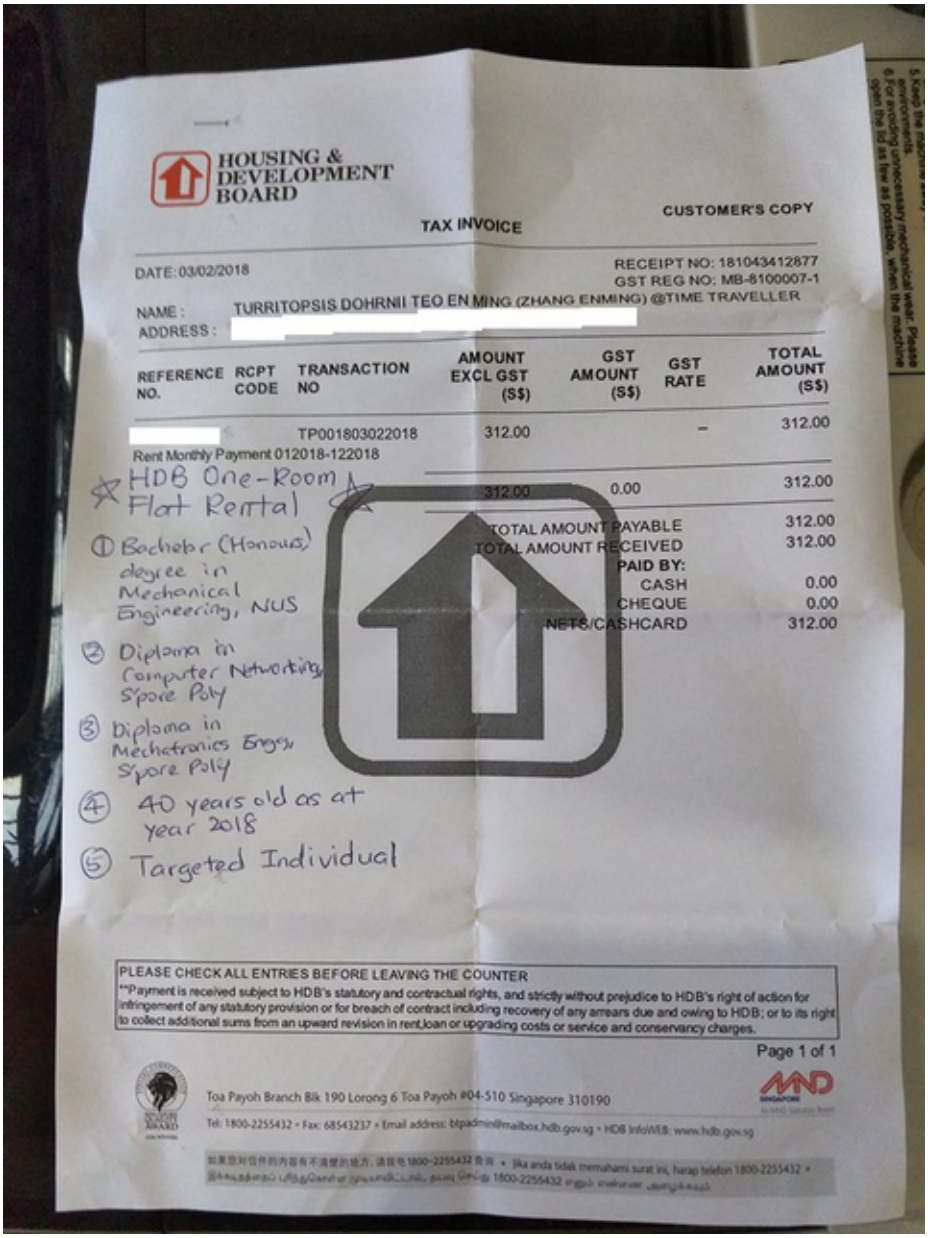
Teo En Ming Lives in a HDB One-Room Rental Flat (2018-02-19 16:05) - Turritopsis Dohrnii Teo En Ming



HOUSING & DEVELOPMENT BOARD

TAX INVOICE

CUSTOMER'S COPY

DATE: 03/02/2018

RECEIPT NO: 181043412877
GST REG NO: MB-8100007-1

NAME : TURRITOPSIS DOHRNII TEO EN MING (ZHANG ENMING) @TIME TRAVELLER
ADDRESS : [redacted]

REFERENCE NO.	RCPT CODE	TRANSACTION NO	AMOUNT EXCL GST (S$)	GST AMOUNT (S$)	GST RATE	TOTAL AMOUNT (S$)
[redacted]		TP001803022018	312.00		–	312.00
Rent Monthly Payment 012018-122018						
☆ HDB One-Room Flat Rental ☆			312.00	0.00		312.00

TOTAL AMOUNT PAYABLE 312.00
TOTAL AMOUNT RECEIVED 312.00
PAID BY:
CASH 0.00
CHEQUE 0.00
NETS/CASHCARD 312.00

① Bachelor (Honours) degree in Mechanical Engineering, NUS
② Diploma in Computer Networking Spore Poly
③ Diploma in Mechatronics Engg Spore Poly
④ 40 years old as at year 2018
⑤ Targeted Individual

PLEASE CHECK ALL ENTRIES BEFORE LEAVING THE COUNTER
**Payment is received subject to HDB's statutory and contractual rights, and strictly without prejudice to HDB's right of action for infringement of any statutory provision or for breach of contract including recovery of any arrears due and owing to HDB; or to its right to collect additional sums from an upward revision in rent,loan or upgrading costs or service and conservancy charges.

Page 1 of 1

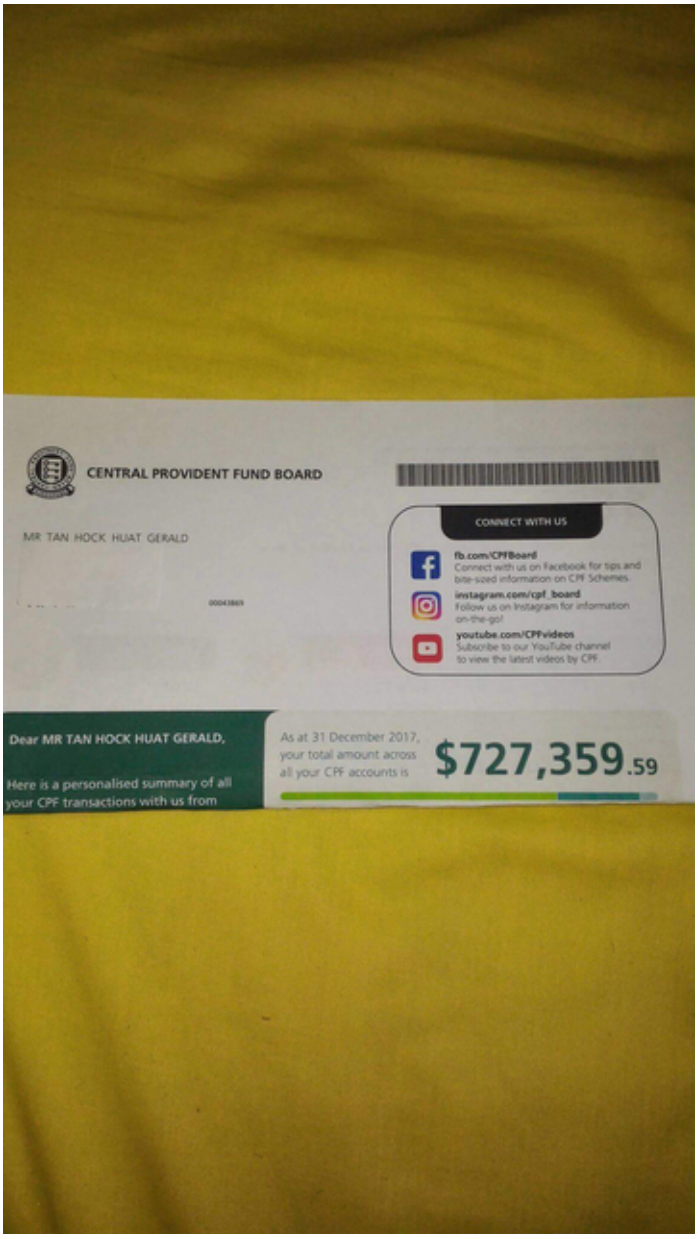
Toa Payoh Branch Blk 190 Lorong 6 Toa Payoh #04-510 Singapore 310190
Tel: 1800-2255432 • Fax: 68543237 • Email address: btpadmin@mailbox.hdb.gov.sg • HDB InfoWEB: www.hdb.gov.sg

如果您对信件的内容有不清楚的地方，请拨电1800-2255432查询 • Jika anda tidak memahami surat ini, harap telefon 1800-2255432 •

Shocking! What is wrong with the CPF contributions of these 2 individuals? (2018-02-14 22:41) - Turritopsis Dohrnii Teo En Ming

Gerald Tan: $727,000 as at 31 Dec 2017

Teo En Ming: $42,000 as at 31 Dec 2017



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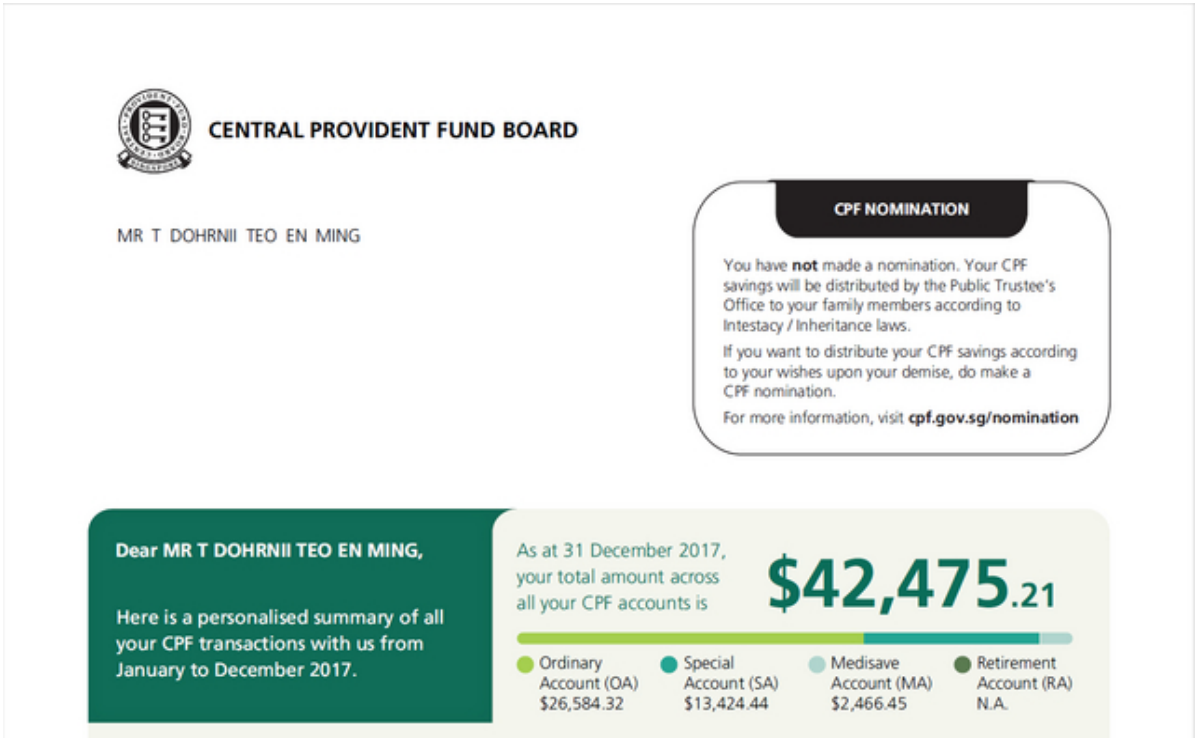

CENTRAL PROVIDENT FUND BOARD

MR T DOHRNII TEO EN MING

CPF NOMINATION

You have **not** made a nomination. Your CPF savings will be distributed by the Public Trustee's Office to your family members according to Intestacy / Inheritance laws.

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For more information, visit **cpf.gov.sg/nomination**

Dear MR T DOHRNII TEO EN MING,

Here is a personalised summary of all your CPF transactions with us from January to December 2017.

As at 31 December 2017, your total amount across all your CPF accounts is **$42,475.21**

Ordinary Account (OA)	Special Account (SA)	Medisave Account (MA)	Retirement Account (RA)
$26,584.32	$13,424.44	$2,466.45	N.A.

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4. 2017

4.1 October

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PDF 30 Oct 2017 (2017-10-30 14:00) - Turritopsis Dohrnii Teo En Ming

[1]https://www.scribd.com/document/362976276/Teo-En-Ming-s-Academic-Quali fications-30-Oct-2017

1. https://www.scribd.com/document/362976276/Teo-En-Ming-s-Academic-Qualifications-30-Oct-2017

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SP Diploma in Computer Networking (2017-10-30 14:00) - Turritopsis Dohrnii Teo En Ming

SINGAPORE POLYTECHNIC

DIPLOMA (CONVERSION) IN
COMPUTER NETWORKING

It is hereby certified that

Turritopsis Dohrnii Teo En Ming (Zhang Enming) @ Time Traveller

having successfully completed the course of study was awarded the Diploma (Conversion) in Computer Networking

on *30 September 2017*

SINGAPORE POLYTECHNIC

Chairman, Board of Governors

Principal &
Chief Executive Officer

T7267753/

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SP Certificate in Computer Networking (2017-10-30 13:59) - Turritopsis Dohrnii Teo En Ming

SINGAPORE POLYTECHNIC

TURRITOPSIS DOHRNII TEO EN MING
(ZHANG ENMING) @ TIME TRAVELLER

having passed all required assessments

was awarded the

Certificate

in

Computer Networking

conducted by the School of Electrical & Electronic Engineering

leading to the

Diploma (Conversion) in Computer Networking

on **30 September 2017**

Director
Professional & Adult Continuing Education
(PACE) Academy

SP PACE ACADEMY

T7267753/ 1710345

Issue Date: 18/09/2017

PDF 22 Sep 2017 (2017-10-30 12:58) - Turritopsis Dohrnii Teo En Ming

[1]https://www.scribd.com/document/362972828/Teo-En-Ming-s-Academic-Quali fications-22-Sep-2017

1. https://www.scribd.com/document/362972828/Teo-En-Ming-s-Academic-Qualifications-22-Sep-2017

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SP Confirmation of Graduate Status (2017-10-30 12:57) - Turritopsis Dohrnii Teo En Ming

SINGAPORE POLYTECHNIC

PROFESSIONAL & ADULT CONTINUING EDUCATION (PACE) ACADEMY
Singapore Polytechnic
500 Dover Road Singapore 139651
tel: (65) 6772 1055 fax: (65) 6772 1957
www.sp.edu.sg

Our Ref: SP/PACE/NVCN/1710/T7267753

Date: 20/09/2017

TO WHOM IT MAY CONCERN

CONFIRMATION OF GRADUATE STATUS

This is to certify that the person named below has successfully completed his/her course of study at Singapore Polytechnic.

Name:	TURRITOPSIS DOHRNII TEO EN MING (ZHANG ENMING) @ TIME TRAVELLER
NRIC/Passport/FIN No.:	
Admission No.:	T7267753
Course:	Diploma (Conversion) in Computer Networking
Date of Award:	30/09/2017

For any further enquiries, please contact the PACE Examination Office at 67721288 or ptenquiry@sp.edu.sg.

Thank you.

for Director, PACE Academy
Singapore Polytechnic

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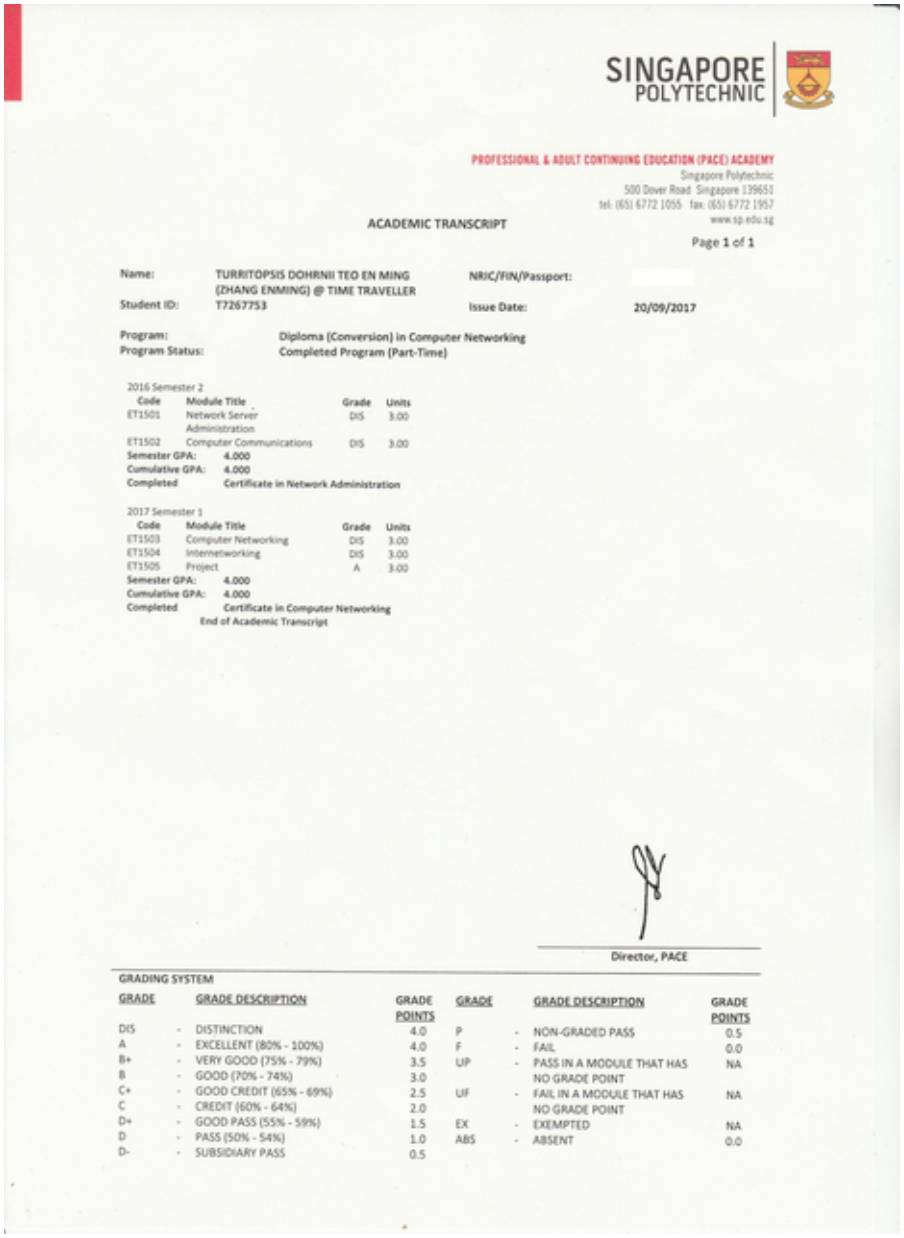
SP Diploma in Computer Networking Academic Transcript (2017-10-30 12:56) - Turritopsis Dohrnii Teo En Ming



SINGAPORE POLYTECHNIC

PROFESSIONAL & ADULT CONTINUING EDUCATION (PACE) ACADEMY
Singapore Polytechnic
500 Dover Road Singapore 139651
tel: (65) 6772 1055 fax: (65) 6772 1957
www.sp.edu.sg

ACADEMIC TRANSCRIPT

Page 1 of 1

Name: TURRITOPSIS DOHRNII TEO EN MING (ZHANG ENMING) @ TIME TRAVELLER
NRIC/FIN/Passport:
Student ID: T7267753
Issue Date: 20/09/2017

Program: Diploma (Conversion) in Computer Networking
Program Status: Completed Program (Part-Time)

2016 Semester 2

Code	Module Title	Grade	Units
ET1501	Network Server Administration	DIS	3.00
ET1502	Computer Communications	DIS	3.00

Semester GPA: 4.000
Cumulative GPA: 4.000
Completed: Certificate in Network Administration

2017 Semester 1

Code	Module Title	Grade	Units
ET1503	Computer Networking	DIS	3.00
ET1504	Internetworking	DIS	3.00
ET1505	Project	A	3.00

Semester GPA: 4.000
Cumulative GPA: 4.000
Completed: Certificate in Computer Networking

End of Academic Transcript

Director, PACE

GRADING SYSTEM

GRADE		GRADE DESCRIPTION	GRADE POINTS	GRADE		GRADE DESCRIPTION	GRADE POINTS
DIS	-	DISTINCTION	4.0	P	-	NON-GRADED PASS	0.5
A	-	EXCELLENT (80% - 100%)	4.0	F	-	FAIL	0.0
B+	-	VERY GOOD (75% - 79%)	3.5	UP	-	PASS IN A MODULE THAT HAS NO GRADE POINT	NA
B	-	GOOD (70% - 74%)	3.0				
C+	-	GOOD CREDIT (65% - 69%)	2.5	UF	-	FAIL IN A MODULE THAT HAS NO GRADE POINT	NA
C	-	CREDIT (60% - 64%)	2.0				
D+	-	GOOD PASS (55% - 59%)	1.5	EX	-	EXEMPTED	NA
D	-	PASS (50% - 54%)	1.0	ABS	-	ABSENT	0.0
D-	-	SUBSIDIARY PASS	0.5				

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4.2 September

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Changi Airport Certificates (2017-09-30 08:54) - Turritopsis Dohrnii Teo En Ming

Certificate of Participation

CHANGI
airport singapore

awards this certificate to

Teo En Ming

for your participation in

FOUNDATION MODULE:
1. Changi Orientation Programme
2. Customer Service Skills Programme

in
*January 2016

Ms. Ivy Wong
Senior Vice President (Airside Concessions)

Mr. Jayson Goh
Senior Vice President (Airport Operations)

*This certificate is valid till January 2017 for airport pass application.

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PDF 19 Sep 2017 (2017-09-20 23:22) - Turritopsis Dohrnii Teo En Ming

[1]https://www.scribd.com/document/359329342/Turritopsis-Dohrnii-Teo-En-M ing-s-Academic-Qualifications-19-Sep-2017

1. https://www.scribd.com/document/359329342/Turritopsis-Dohrnii-Teo-En-Ming-s-Academic-Qualifications-19-Sep-2017

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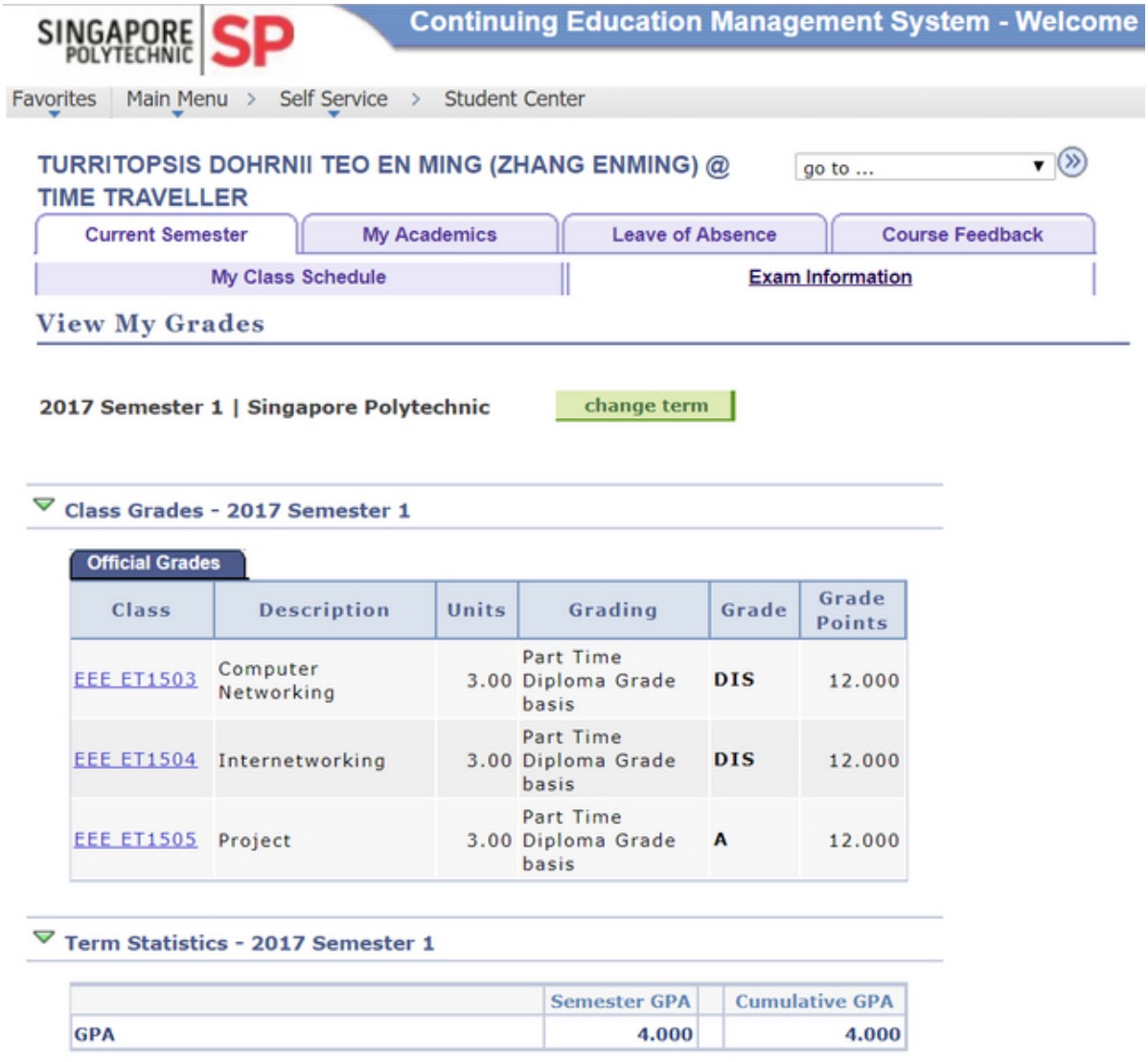
Diploma in Computer Networking Exam Results (2017-09-19 20:11) - Turritopsis Dohrnii Teo En Ming



SINGAPORE POLYTECHNIC SP

Continuing Education Management System - Welcome

Favorites | Main Menu > Self Service > Student Center

TURRITOPSIS DOHRNII TEO EN MING (ZHANG ENMING) @ TIME TRAVELLER

go to ...

Current Semester | My Academics | Leave of Absence | Course Feedback

My Class Schedule | Exam Information

View My Grades

2017 Semester 1 | Singapore Polytechnic change term

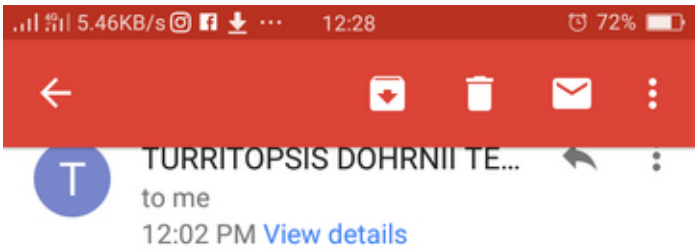
Class Grades - 2017 Semester 1

Official Grades

Class	Description	Units	Grading	Grade	Grade Points
EEE ET1503	Computer Networking	3.00	Part Time Diploma Grade basis	DIS	12.000
EEE ET1504	Internetworking	3.00	Part Time Diploma Grade basis	DIS	12.000
EEE ET1505	Project	3.00	Part Time Diploma Grade basis	A	12.000

Term Statistics - 2017 Semester 1

	Semester GPA		Cumulative GPA
GPA	4.000		4.000



From: SP PACE Academy <pace_cems@sp.edu.sg>
Sent: 18 September 2017 09:30:39
To: TURRITOPSIS DOHRNII TEO EN MING ZHANG ENMING @ TIME TRAVELLER
Subject: Semester Results

Message Classification: Restricted

2017 Semester 1/2017 Results

Name : TURRITOPSIS DOHRNII TEO EN MING (ZHANG ENMING) @ TIME TRAVELLER
Student ID: T7267753

Course	Diploma (Conversion) in Computer Networking
Modular Certificate	Certificate in Computer Networking

Module Code	Module	Grade
ET1503	Computer Networking	DIS
ET1505	Project	A
ET1504	Internetworking	DIS

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Certificate in Network Administration (2017-09-19 20:10) - Turritopsis Dohrnii Teo En Ming

SINGAPORE POLYTECHNIC

TURRITOPSIS DOHRNII TEO EN MING
(ZHANG ENMING) @ TIME TRAVELLER

having passed all required assessments

was awarded the

Certificate

in

Network Administration

conducted by the School of Electrical & Electronic Engineering

leading to the

Diploma (Conversion) in Computer Networking

on **31 March 2017**

Director
Professional & Adult Continuing Education
(PACE) Academy

SP PACE ACADEMY

T7267753/ 1703110

Issue Date: 31/03/2017

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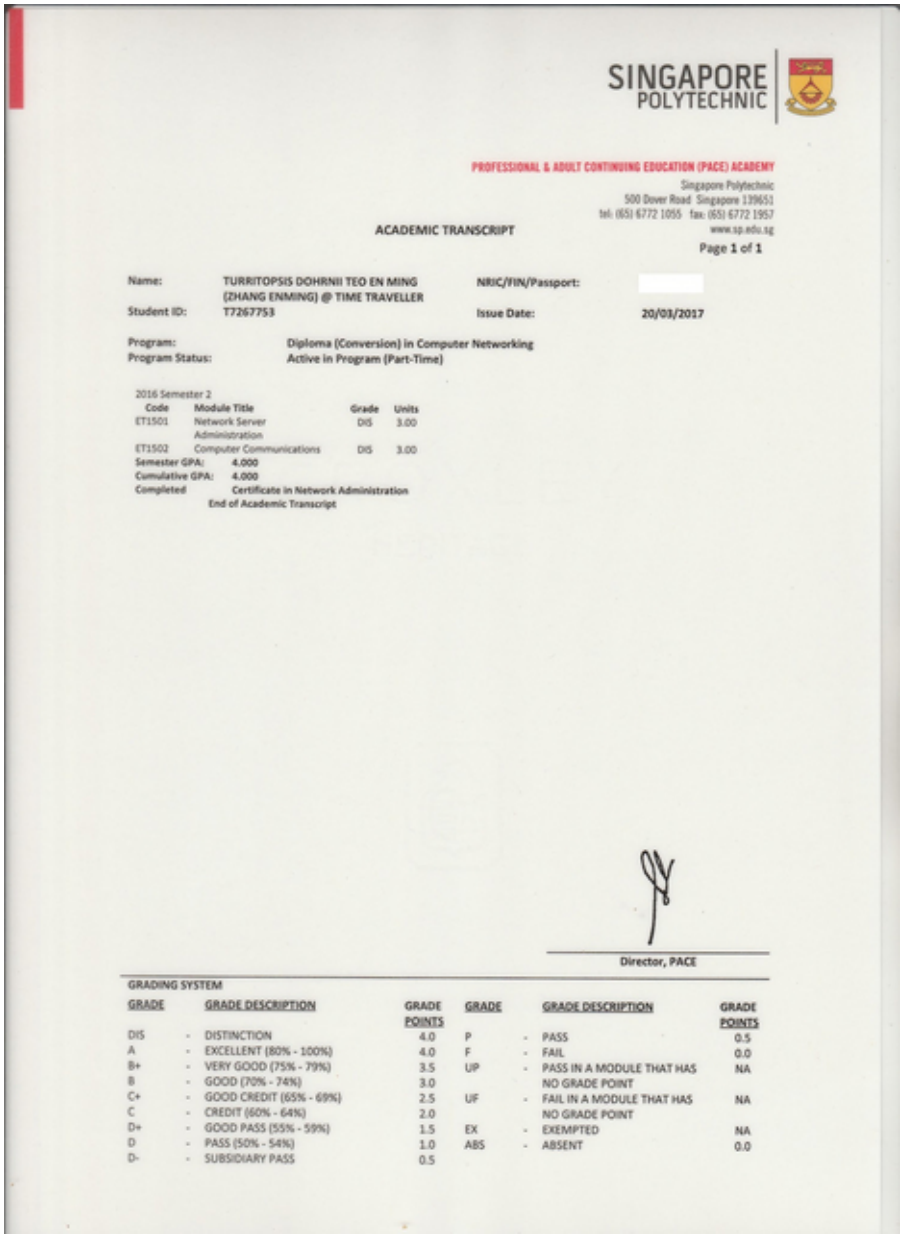
Certificate in Network Administration Academic Transcript (2017-09-19 20:10) - Turritopsis Dohrnii Teo En Ming



SINGAPORE POLYTECHNIC

PROFESSIONAL & ADULT CONTINUING EDUCATION (PACE) ACADEMY

Singapore Polytechnic
500 Dover Road Singapore 139651
tel: (65) 6772 1055 fax: (65) 6772 1957
www.sp.edu.sg

ACADEMIC TRANSCRIPT

Page 1 of 1

Name: TURRITOPSIS DOHRNII TEO EN MING (ZHANG ENMING) @ TIME TRAVELLER
NRIC/FIN/Passport:
Student ID: T7267753
Issue Date: 20/03/2017

Program: Diploma (Conversion) in Computer Networking
Program Status: Active in Program (Part-Time)

2016 Semester 2

Code	Module Title	Grade	Units
ET1501	Network Server Administration	DIS	3.00
ET1502	Computer Communications	DIS	3.00

Semester GPA: 4.000
Cumulative GPA: 4.000
Completed Certificate in Network Administration
End of Academic Transcript

Director, PACE

GRADING SYSTEM

GRADE		GRADE DESCRIPTION	GRADE POINTS	GRADE		GRADE DESCRIPTION	GRADE POINTS
DIS	-	DISTINCTION	4.0	P	-	PASS	0.5
A	-	EXCELLENT (80% - 100%)	4.0	F	-	FAIL	0.0
B+	-	VERY GOOD (75% - 79%)	3.5	UP	-	PASS IN A MODULE THAT HAS NO GRADE POINT	NA
B	-	GOOD (70% - 74%)	3.0				
C+	-	GOOD CREDIT (65% - 69%)	2.5	UF	-	FAIL IN A MODULE THAT HAS NO GRADE POINT	NA
C	-	CREDIT (60% - 64%)	2.0				
D+	-	GOOD PASS (55% - 59%)	1.5	EX	-	EXEMPTED	NA
D	-	PASS (50% - 54%)	1.0	ABS	-	ABSENT	0.0
D-	-	SUBSIDIARY PASS	0.5				

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Cisco ICND2 Certificate of Completion (2017-09-19 20:09) - Turritopsis Dohrnii Teo En Ming

NICF Install and Configure a Router (2017-09-19 20:08) - Turritopsis Dohrnii Teo En Ming

nicf NATIONAL INFOCOMM COMPETENCY FRAMEWORK

Jointly developed by IMDA and SSG

STATEMENT OF ATTAINMENT

is awarded to

TURRITOPSIS DOHRNII TEO EN MING

ID No:

for successful attainment of the following industry approved competencies

IT-NMM-313S-1 INSTALL AND CONFIGURE A ROUTER

at NTUC LEARNINGHUB PTE. LTD.

10 APRIL 2017

Ng Cher Pong, Chief Executive
SkillsFuture Singapore Agency

Cert No. 17000000216357

The training and assessment of the abovementioned learner are accredited in accordance with the Singapore Workforce Skills Qualifications System.

www.ssg.gov.sg
For verification of this certificate, please visit https://e-cert.ssg.gov.sg

SKILLSFuture SG

SDA-IT-001

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NICF Install and Configure a Switch (2017-09-19 20:08) - Turritopsis Dohrnii Teo En Ming

nicf NATIONAL INFOCOMM COMPETENCY FRAMEWORK
Jointly developed by IMDA and SSG

STATEMENT OF ATTAINMENT

is awarded to

TURRITOPSIS DOHRNII TEO EN MING
ID No:

for successful attainment of the following
industry approved competencies

IT-NMM-401S-1 INSTALL AND CONFIGURE A SWITCH

at NTUC LEARNINGHUB PTE. LTD.

10 APRIL 2017

Ng Cher Pong, Chief Executive
SkillsFuture Singapore Agency

Cert No. 1700000000216351

The training and assessment of the abovementioned learner are accredited in accordance with the Singapore Workforce Skills Qualifications System.

www.ssg.gov.sg
For verification of this certificate, please visit https://e-cert.ssg.gov.sg

SKILLSfuture SG

NICF CCNA Certificate of Completion (2017-09-19 20:07) - Turritopsis Dohrnii Teo En Ming

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Retail Studies (2017-09-19 20:07) - Turritopsis Dohrnii Teo En Ming

SINGAPORE
WORKFORCE SKILLS
QUALIFICATIONS

STATEMENT OF ATTAINMENT

is awarded to

TEO EN MING (ZHANG ENMING)
ID No:

for successful attainment of the following
industry approved competencies

RE-SCS-102C-1 INTERACT WITH CUSTOMERS

at SINGAPORE INSTITUTE OF RETAIL STUDIES (SIRS)

30 SEPTEMBER 2015

Ng Cher Pong, Chief Executive
Singapore Workforce Development Agency

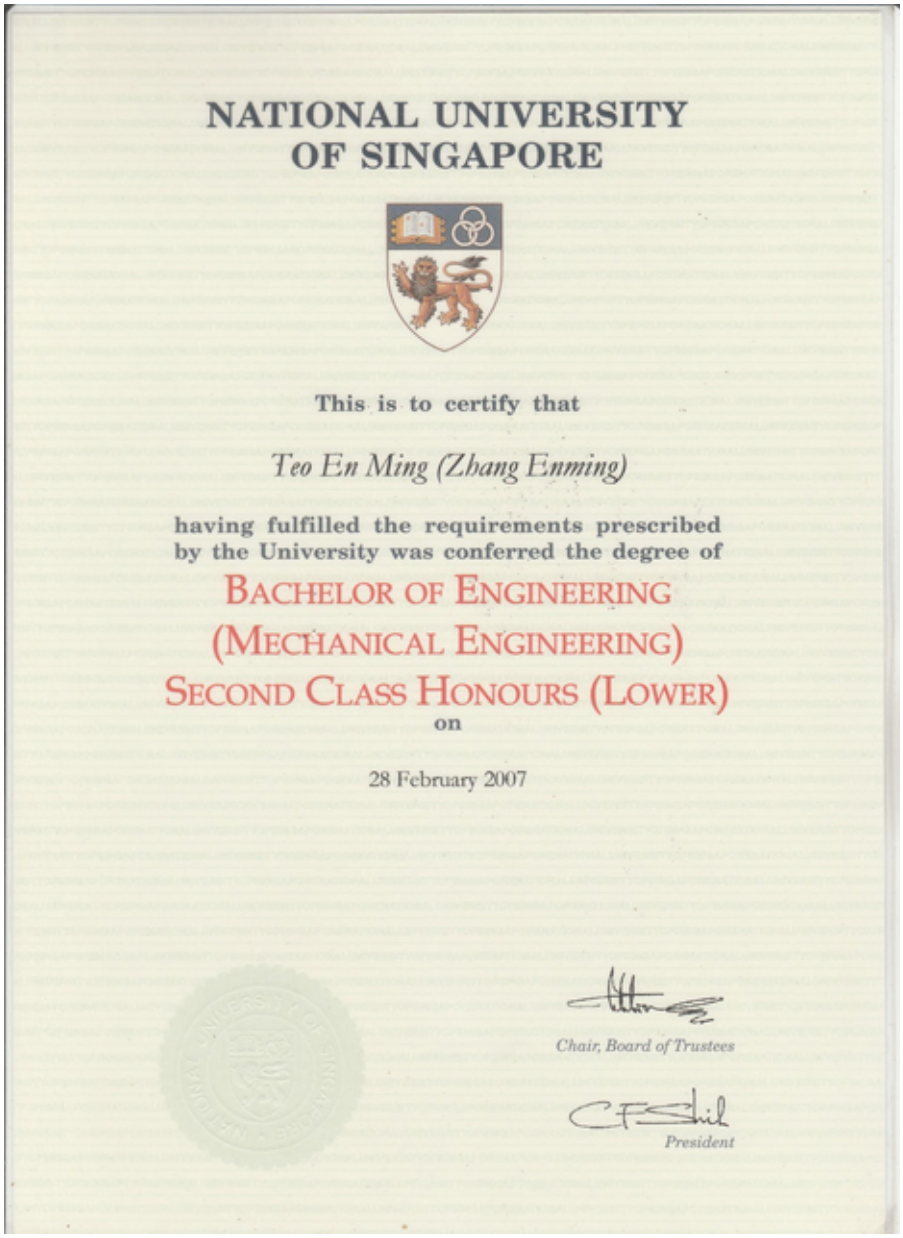
The training and assessment of the abovementioned student are accredited in accordance with the Singapore Workforce Skills Qualification System

www.wda.gov.sg
For verification of this certificate, please visit https://e-cert.wda.gov.sg

Cert No. 150000000508107

WDA singapore workforce development agency

NUS Bachelor's Degree (2017-09-19 20:06) - Turritopsis Dohrnii Teo En Ming



NATIONAL UNIVERSITY
OF SINGAPORE

This is to certify that

Teo En Ming (Zhang Enming)

having fulfilled the requirements prescribed
by the University was conferred the degree of

BACHELOR OF ENGINEERING
(MECHANICAL ENGINEERING)
SECOND CLASS HONOURS (LOWER)
on

28 February 2007

Chair, Board of Trustees

President

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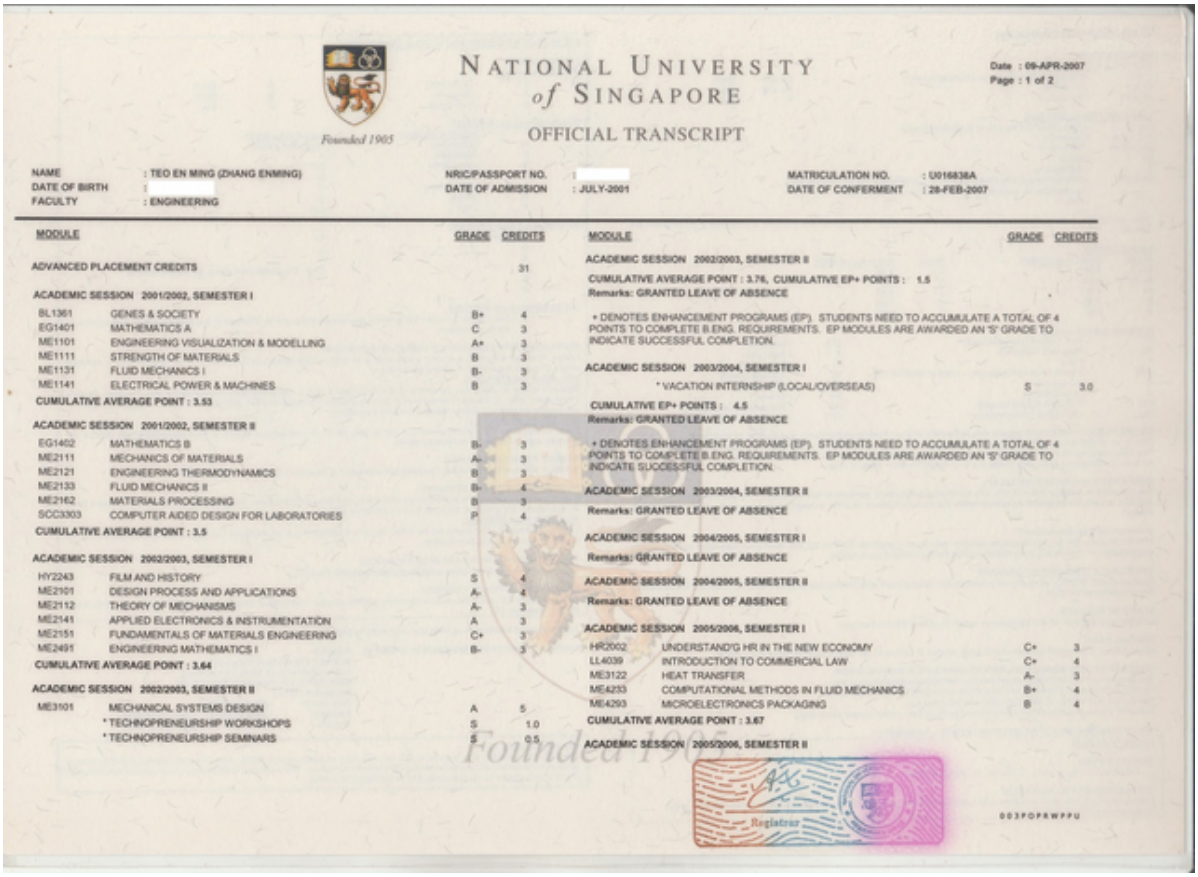
NUS Academic Transcript Page 1 of 2 (2017-09-19 20:06) - Turritopsis Dohrnii Teo En Ming



NATIONAL UNIVERSITY of SINGAPORE

Founded 1905

Date : 09-APR-2007
Page : 1 of 2

OFFICIAL TRANSCRIPT

NAME : TEO EN MING (ZHANG ENMING)
DATE OF BIRTH :
FACULTY : ENGINEERING

NRIC/PASSPORT NO. :
DATE OF ADMISSION : JULY-2001

MATRICULATION NO. : U016838A
DATE OF CONFERMENT : 28-FEB-2007

MODULE		GRADE	CREDITS
ADVANCED PLACEMENT CREDITS			31
ACADEMIC SESSION 2001/2002, SEMESTER I			
BL1361	GENES & SOCIETY	B+	4
EG1401	MATHEMATICS A	C	3
ME1101	ENGINEERING VISUALIZATION & MODELLING	A+	3
ME1111	STRENGTH OF MATERIALS	B	3
ME1131	FLUID MECHANICS I	B-	3
ME1141	ELECTRICAL POWER & MACHINES	B	3
CUMULATIVE AVERAGE POINT : 3.53			
ACADEMIC SESSION 2001/2002, SEMESTER II			
EG1402	MATHEMATICS B	B-	3
ME2111	MECHANICS OF MATERIALS	A-	3
ME2121	ENGINEERING THERMODYNAMICS	B	3
ME2133	FLUID MECHANICS II	B-	4
ME2162	MATERIALS PROCESSING	B	3
SCC3303	COMPUTER AIDED DESIGN FOR LABORATORIES	P	4
CUMULATIVE AVERAGE POINT : 3.5			
ACADEMIC SESSION 2002/2003, SEMESTER I			
HY2243	FILM AND HISTORY	S	4
ME2101	DESIGN PROCESS AND APPLICATIONS	A-	4
ME2112	THEORY OF MECHANISMS	A-	3
ME2141	APPLIED ELECTRONICS & INSTRUMENTATION	A	3
ME2151	FUNDAMENTALS OF MATERIALS ENGINEERING	C+	3
ME2491	ENGINEERING MATHEMATICS I	B-	3
CUMULATIVE AVERAGE POINT : 3.64			
ACADEMIC SESSION 2002/2003, SEMESTER II			
ME3101	MECHANICAL SYSTEMS DESIGN	A	5
	* TECHNOPRENEURSHIP WORKSHOPS	S	1.0
	* TECHNOPRENEURSHIP SEMINARS	S	0.5

MODULE		GRADE	CREDITS
ACADEMIC SESSION 2002/2003, SEMESTER II			
CUMULATIVE AVERAGE POINT : 3.76, CUMULATIVE EP+ POINTS : 1.5			
Remarks: GRANTED LEAVE OF ABSENCE			
+ DENOTES ENHANCEMENT PROGRAMS (EP). STUDENTS NEED TO ACCUMULATE A TOTAL OF 4 POINTS TO COMPLETE B.ENG. REQUIREMENTS. EP MODULES ARE AWARDED AN 'S' GRADE TO INDICATE SUCCESSFUL COMPLETION.			
ACADEMIC SESSION 2003/2004, SEMESTER I			
	* VACATION INTERNSHIP (LOCAL/OVERSEAS)	S	3.0
CUMULATIVE EP+ POINTS : 4.5			
Remarks: GRANTED LEAVE OF ABSENCE			
+ DENOTES ENHANCEMENT PROGRAMS (EP). STUDENTS NEED TO ACCUMULATE A TOTAL OF 4 POINTS TO COMPLETE B.ENG. REQUIREMENTS. EP MODULES ARE AWARDED AN 'S' GRADE TO INDICATE SUCCESSFUL COMPLETION.			
ACADEMIC SESSION 2003/2004, SEMESTER II			
Remarks: GRANTED LEAVE OF ABSENCE			
ACADEMIC SESSION 2004/2005, SEMESTER I			
Remarks: GRANTED LEAVE OF ABSENCE			
ACADEMIC SESSION 2004/2005, SEMESTER II			
Remarks: GRANTED LEAVE OF ABSENCE			
ACADEMIC SESSION 2005/2006, SEMESTER I			
HR2002	UNDERSTAND'G HR IN THE NEW ECONOMY	C+	3
LL4039	INTRODUCTION TO COMMERCIAL LAW	C+	4
ME3122	HEAT TRANSFER	A-	3
ME4233	COMPUTATIONAL METHODS IN FLUID MECHANICS	B+	4
ME4293	MICROELECTRONICS PACKAGING	B	4
CUMULATIVE AVERAGE POINT : 3.67			
ACADEMIC SESSION 2005/2006, SEMESTER II			

Registrar

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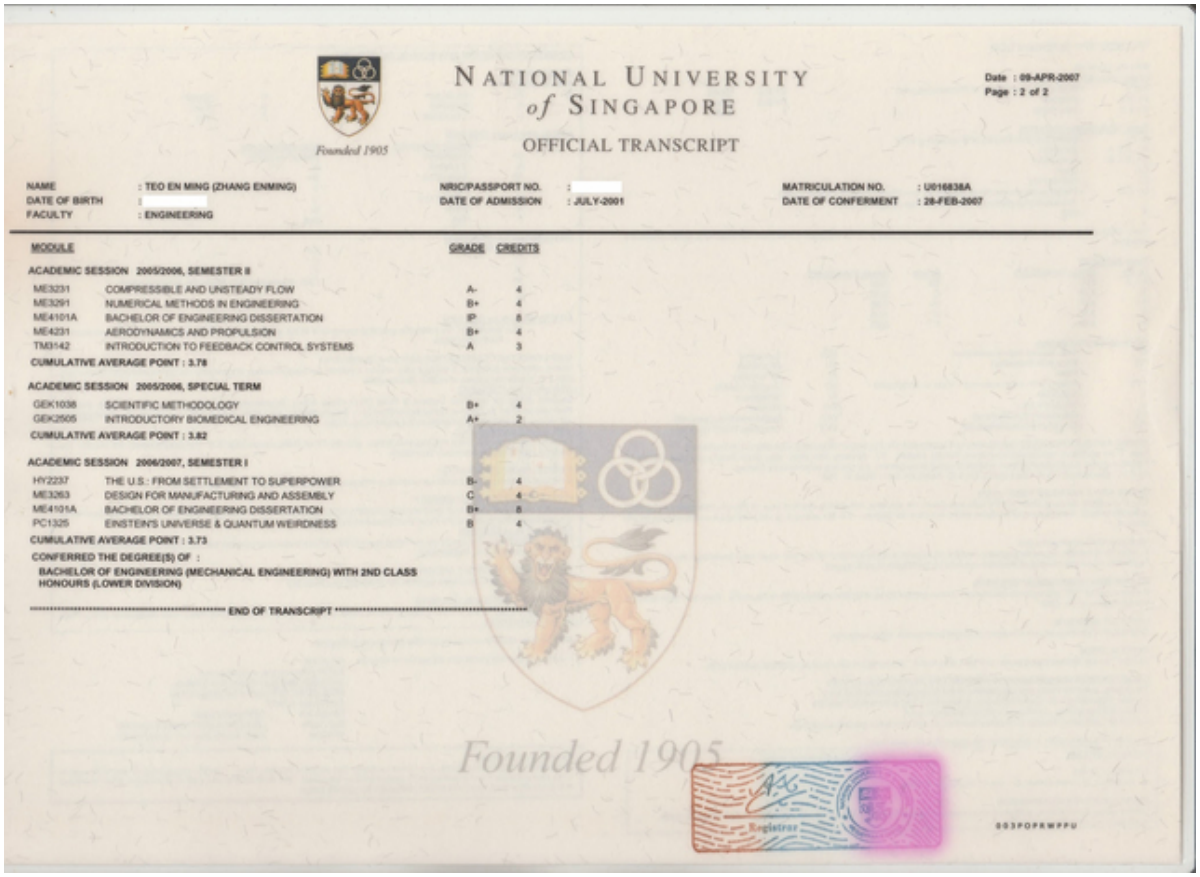
NUS Academic Transcript Page 2 of 2 (2017-09-19 20:05) - Turritopsis Dohrnii Teo En Ming



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NATIONAL UNIVERSITY of SINGAPORE

OFFICIAL TRANSCRIPT

Date : 09-APR-2007
Page : 2 of 2

NAME : TEO EN MING (ZHANG ENMING)
DATE OF BIRTH :
FACULTY : ENGINEERING

NRIC/PASSPORT NO. :
DATE OF ADMISSION : JULY-2001

MATRICULATION NO. : U0116838A
DATE OF CONFERMENT : 28-FEB-2007

MODULE		GRADE	CREDITS
ACADEMIC SESSION 2005/2006, SEMESTER II			
ME3231	COMPRESSIBLE AND UNSTEADY FLOW	A-	4
ME3291	NUMERICAL METHODS IN ENGINEERING	B+	4
ME4101A	BACHELOR OF ENGINEERING DISSERTATION	IP	8
ME4231	AERODYNAMICS AND PROPULSION	B+	4
TM3142	INTRODUCTION TO FEEDBACK CONTROL SYSTEMS	A	3
CUMULATIVE AVERAGE POINT : 3.78			
ACADEMIC SESSION 2005/2006, SPECIAL TERM			
GEK1038	SCIENTIFIC METHODOLOGY	B+	4
GEK2505	INTRODUCTORY BIOMEDICAL ENGINEERING	A+	2
CUMULATIVE AVERAGE POINT : 3.82			
ACADEMIC SESSION 2006/2007, SEMESTER I			
HY2237	THE U.S.: FROM SETTLEMENT TO SUPERPOWER	B-	4
ME3263	DESIGN FOR MANUFACTURING AND ASSEMBLY	C	4
ME4101A	BACHELOR OF ENGINEERING DISSERTATION	B+	8
PC1325	EINSTEIN'S UNIVERSE & QUANTUM WEIRDNESS	B	4
CUMULATIVE AVERAGE POINT : 3.73			

CONFERRED THE DEGREE(S) OF :
BACHELOR OF ENGINEERING (MECHANICAL ENGINEERING) WITH 2ND CLASS HONOURS (LOWER DIVISION)

********** END OF TRANSCRIPT **********

Registrar

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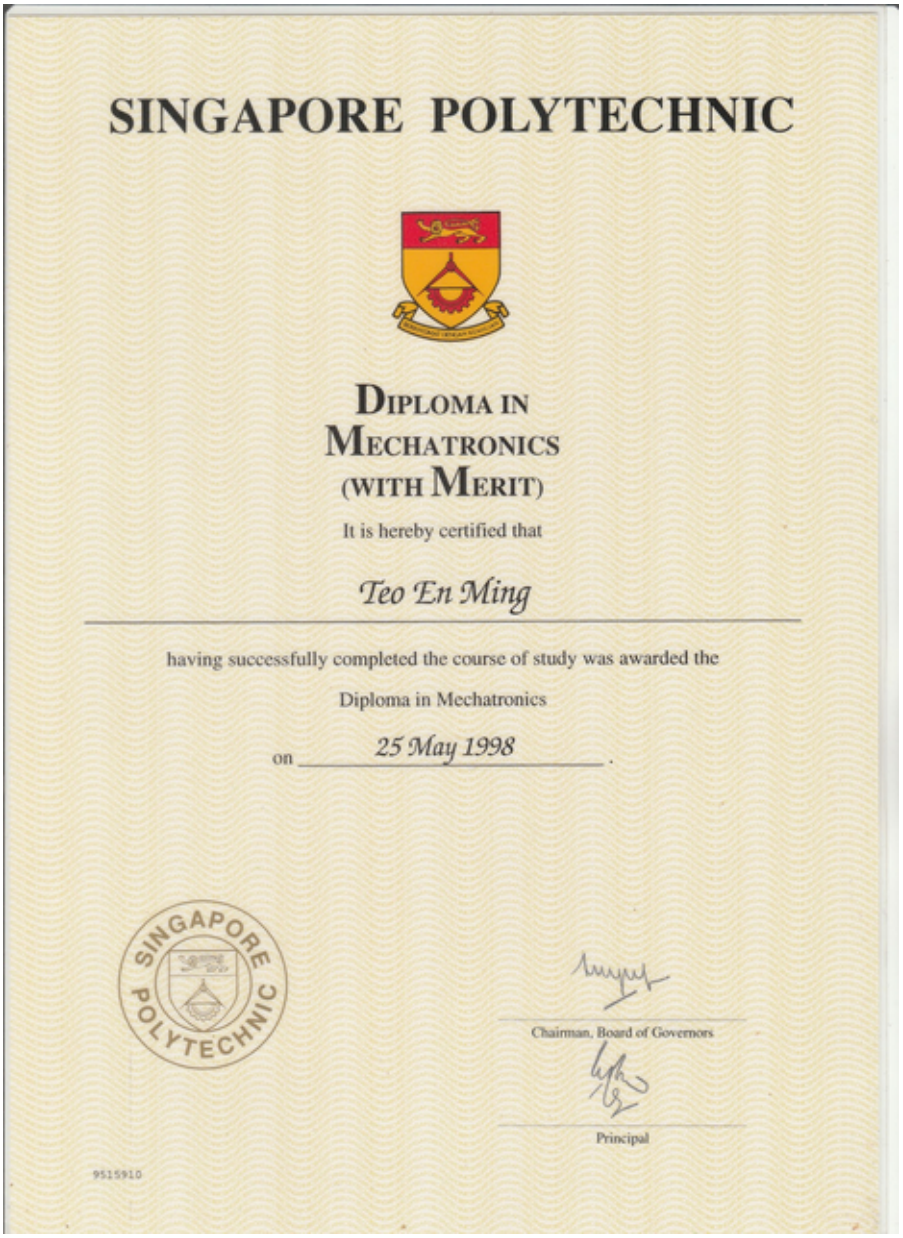
Diploma in Mechatronics with Merit (2017-09-19 20:05) - Turritopsis Dohrnii Teo En Ming



SINGAPORE POLYTECHNIC

DIPLOMA IN
MECHATRONICS
(WITH MERIT)

It is hereby certified that

Teo En Ming

having successfully completed the course of study was awarded the

Diploma in Mechatronics

on *25 May 1998*.

SINGAPORE POLYTECHNIC

Chairman, Board of Governors

Principal

9515910

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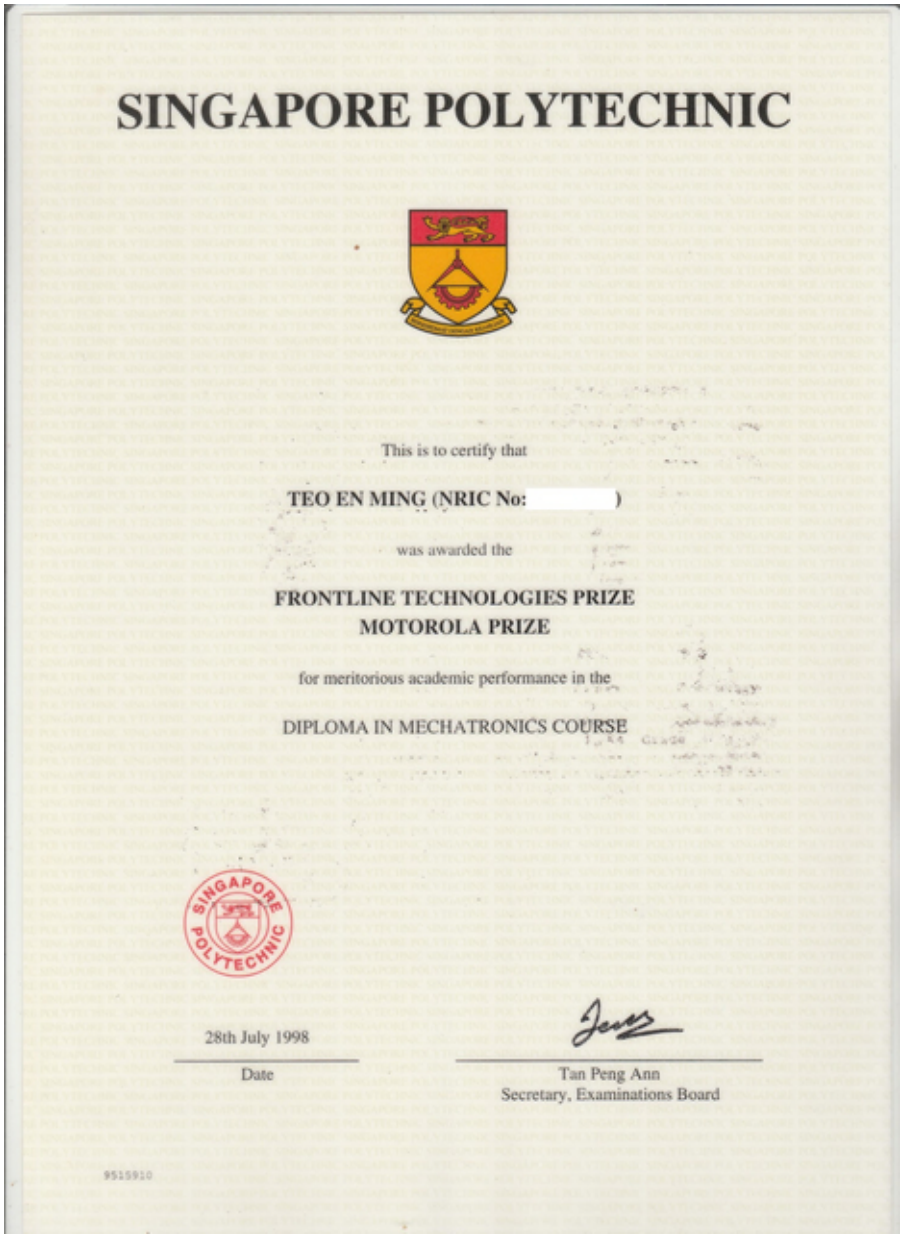
Diploma in Mechatronics 3rd Year Prizes (2017-09-19 20:04) - Turritopsis Dohrnii Teo En Ming



SINGAPORE POLYTECHNIC

This is to certify that

TEO EN MING (NRIC No:)

was awarded the

FRONTLINE TECHNOLOGIES PRIZE
MOTOROLA PRIZE

for meritorious academic performance in the

DIPLOMA IN MECHATRONICS COURSE

SINGAPORE POLYTECHNIC

28th July 1998
Date

Tan Peng Ann
Secretary, Examinations Board

9515910

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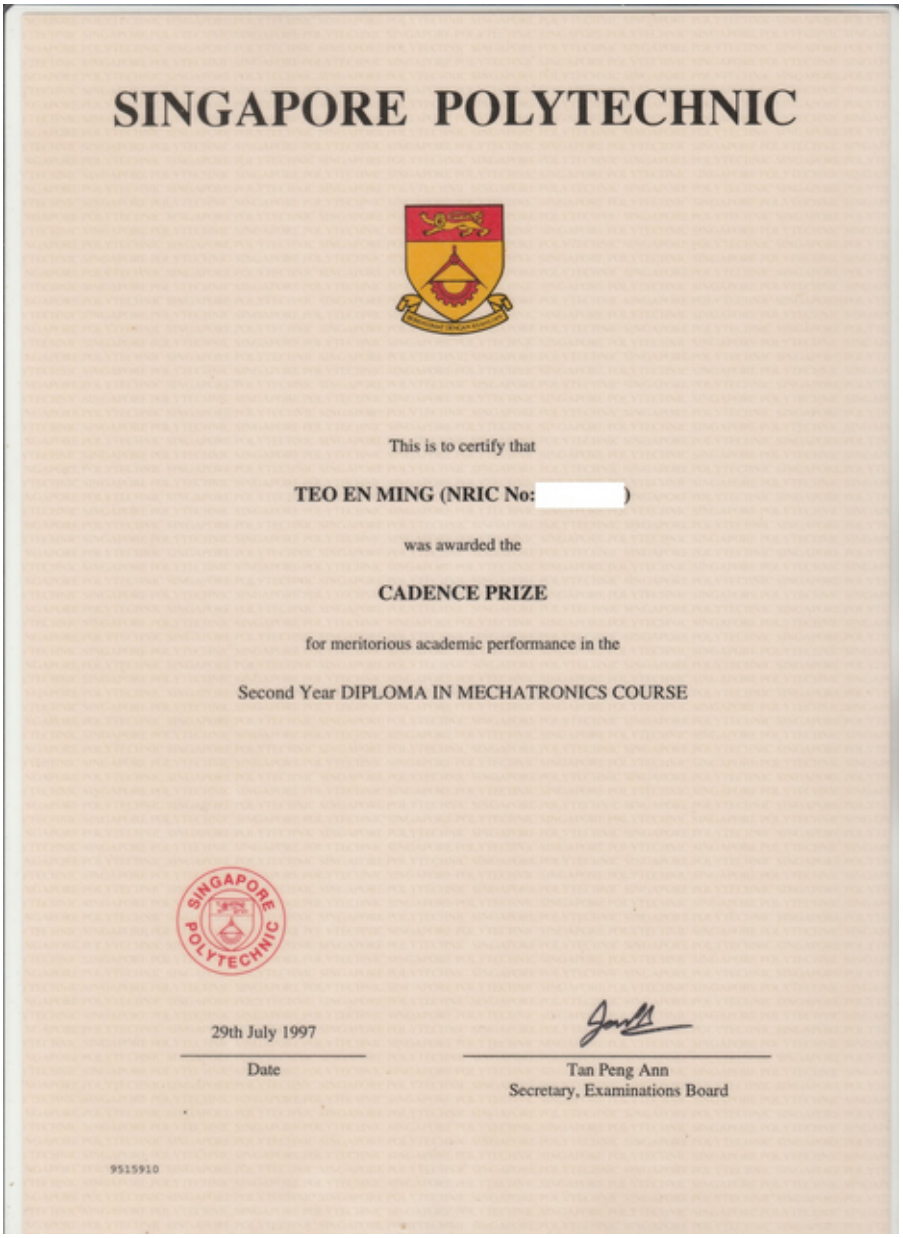
Diploma in Mechatronics 2nd Year Prizes (2017-09-19 20:03) - Turritopsis Dohrnii Teo En Ming



SINGAPORE POLYTECHNIC

This is to certify that

TEO EN MING (NRIC No:)

was awarded the

CADENCE PRIZE

for meritorious academic performance in the

Second Year DIPLOMA IN MECHATRONICS COURSE

SINGAPORE POLYTECHNIC

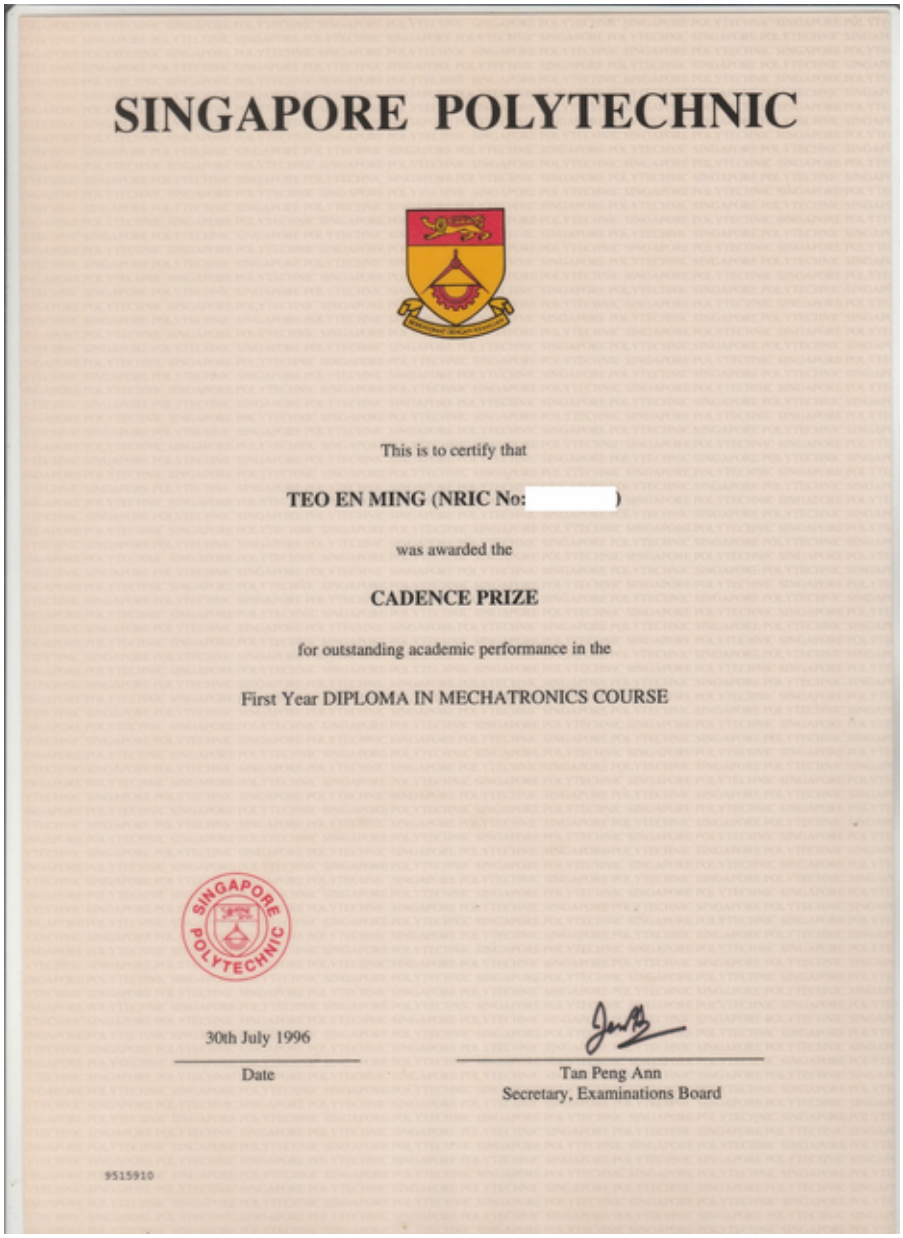
29th July 1997

Date

Tan Peng Ann
Secretary, Examinations Board

9515910

Diploma in Mechatronics 1st Year Prizes (2017-09-19 20:03) - Turritopsis Dohrnii Teo En Ming



SINGAPORE POLYTECHNIC

This is to certify that

TEO EN MING (NRIC No:)

was awarded the

CADENCE PRIZE

for outstanding academic performance in the

First Year DIPLOMA IN MECHATRONICS COURSE

SINGAPORE POLYTECHNIC

30th July 1996

Date

Tan Peng Ann
Secretary, Examinations Board

9515910

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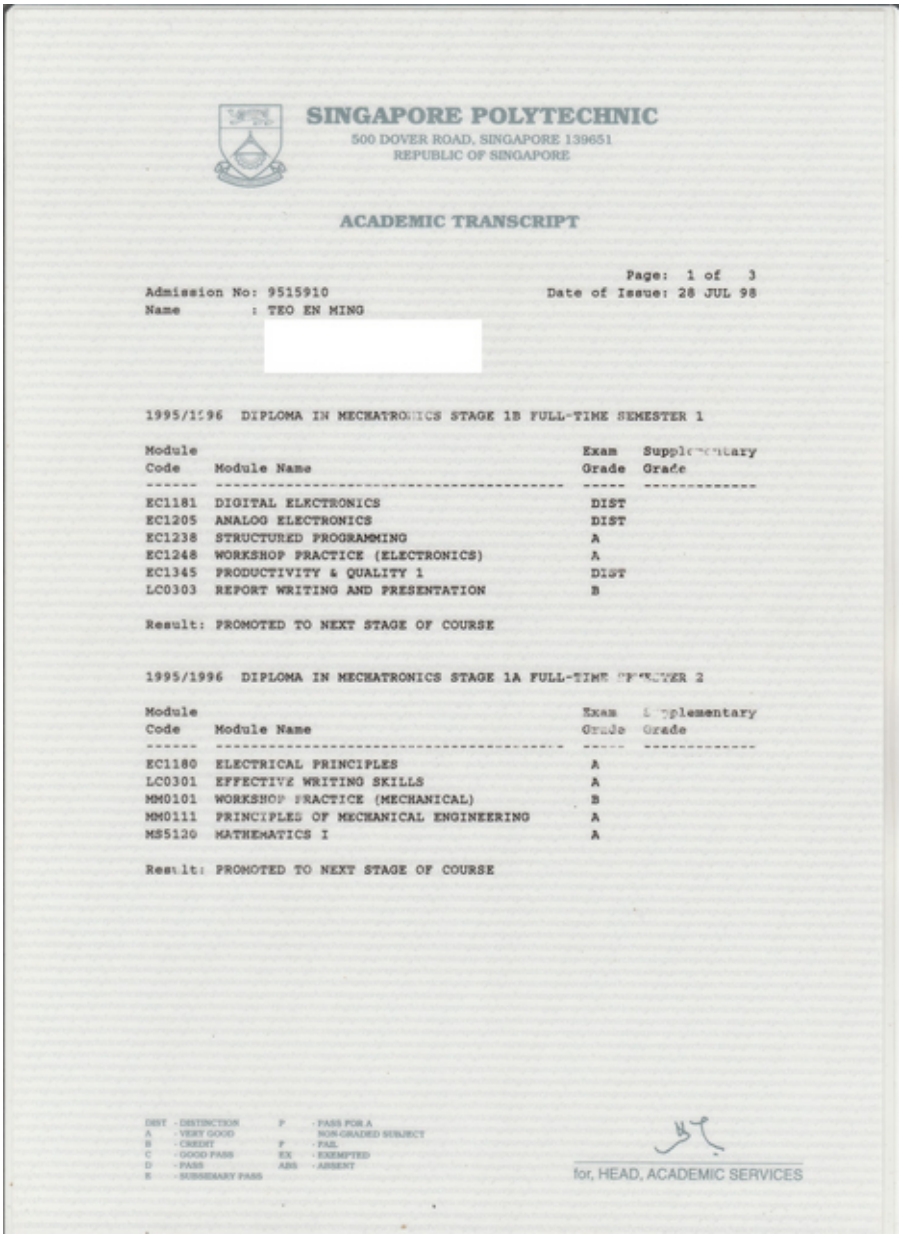
Diploma in Mechatronics Academic Transcript Page 1 of 3 (2017-09-19 20:02) - Turritopsis Dohrnii Teo En Ming



SINGAPORE POLYTECHNIC
500 DOVER ROAD, SINGAPORE 139651
REPUBLIC OF SINGAPORE

ACADEMIC TRANSCRIPT

Page: 1 of 3
Admission No: 9515910 Date of Issue: 28 JUL 98
Name : TEO EN MING

1995/1996 DIPLOMA IN MECHATRONICS STAGE 1B FULL-TIME SEMESTER 1

Module Code	Module Name	Exam Grade	Supplementary Grade
EC1181	DIGITAL ELECTRONICS	DIST	
EC1205	ANALOG ELECTRONICS	DIST	
EC1238	STRUCTURED PROGRAMMING	A	
EC1248	WORKSHOP PRACTICE (ELECTRONICS)	A	
EC1345	PRODUCTIVITY & QUALITY 1	DIST	
LC0303	REPORT WRITING AND PRESENTATION	B	

Result: PROMOTED TO NEXT STAGE OF COURSE

1995/1996 DIPLOMA IN MECHATRONICS STAGE 1A FULL-TIME SEMESTER 2

Module Code	Module Name	Exam Grade	Supplementary Grade
EC1180	ELECTRICAL PRINCIPLES	A	
LC0301	EFFECTIVE WRITING SKILLS	A	
MM0101	WORKSHOP PRACTICE (MECHANICAL)	B	
MM0111	PRINCIPLES OF MECHANICAL ENGINEERING	A	
MS5120	MATHEMATICS I	A	

Result: PROMOTED TO NEXT STAGE OF COURSE

DIST - DISTINCTION P - PASS FOR A NON-GRADED SUBJECT
A - VERY GOOD
B - CREDIT F - FAIL
C - GOOD PASS EX - EXEMPTED
D - PASS ABS - ABSENT
E - SUBSIDIARY PASS

for, HEAD, ACADEMIC SERVICES

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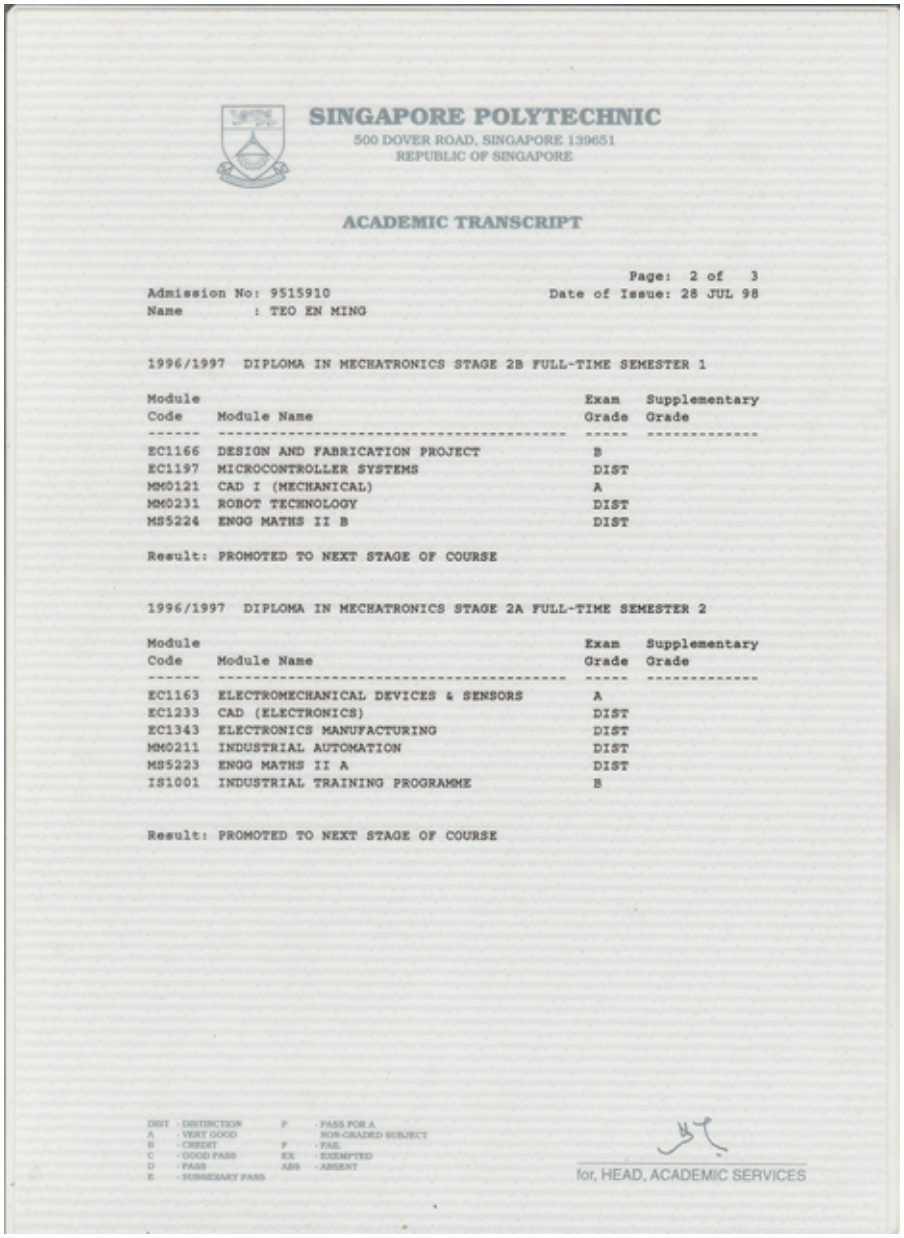
Diploma in Mechatronics Academic Transcript Page 2 of 3 (2017-09-19 20:01) - Turritopsis Dohrnii Teo En Ming



SINGAPORE POLYTECHNIC
500 DOVER ROAD, SINGAPORE 139651
REPUBLIC OF SINGAPORE

ACADEMIC TRANSCRIPT

Page: 2 of 3
Admission No: 9515910 Date of Issue: 28 JUL 98
Name : TEO EN MING

1996/1997 DIPLOMA IN MECHATRONICS STAGE 2B FULL-TIME SEMESTER 1

Module Code	Module Name	Exam Grade	Supplementary Grade
EC1166	DESIGN AND FABRICATION PROJECT	B	
EC1197	MICROCONTROLLER SYSTEMS	DIST	
MM0121	CAD I (MECHANICAL)	A	
MM0231	ROBOT TECHNOLOGY	DIST	
MS5224	ENGG MATHS II B	DIST	

Result: PROMOTED TO NEXT STAGE OF COURSE

1996/1997 DIPLOMA IN MECHATRONICS STAGE 2A FULL-TIME SEMESTER 2

Module Code	Module Name	Exam Grade	Supplementary Grade
EC1163	ELECTROMECHANICAL DEVICES & SENSORS	A	
EC1233	CAD (ELECTRONICS)	DIST	
EC1343	ELECTRONICS MANUFACTURING	DIST	
MM0211	INDUSTRIAL AUTOMATION	DIST	
MS5223	ENGG MATHS II A	DIST	
IS1001	INDUSTRIAL TRAINING PROGRAMME	B	

Result: PROMOTED TO NEXT STAGE OF COURSE

DIST - DISTINCTION
A - VERY GOOD
B - CREDIT
C - GOOD PASS
D - PASS
E - SUBSIDIARY PASS
P - PASS FOR A NON-GRADED SUBJECT
F - FAIL
EX - EXEMPTED
ABS - ABSENT

for, HEAD, ACADEMIC SERVICES

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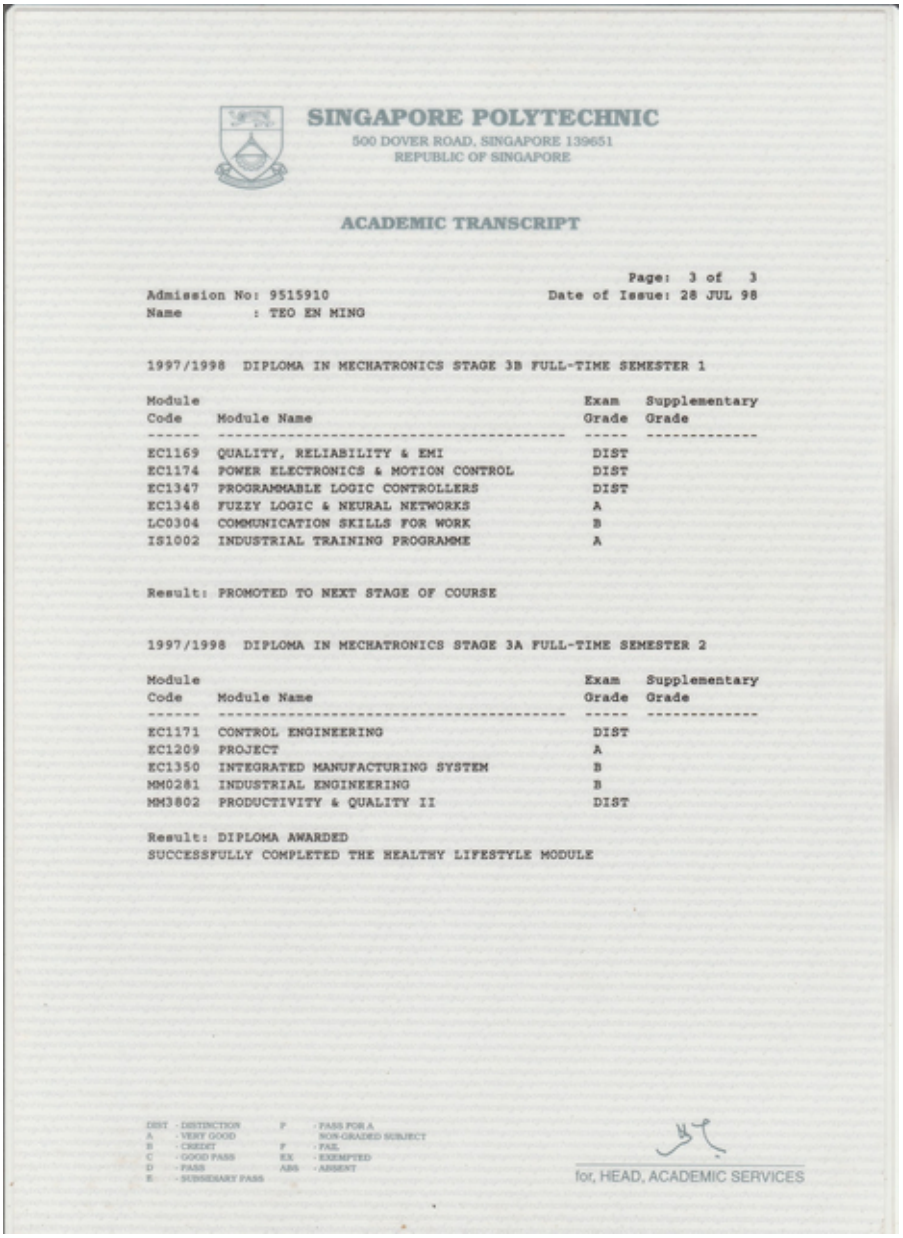
Diploma in Mechatronics Academic Transcript Page 3 of 3 (2017-09-19 20:00) - Turritopsis Dohrnii Teo En Ming



SINGAPORE POLYTECHNIC
500 DOVER ROAD, SINGAPORE 139651
REPUBLIC OF SINGAPORE

ACADEMIC TRANSCRIPT

Page: 3 of 3
Admission No: 9515910 Date of Issue: 28 JUL 98
Name : TEO EN MING

1997/1998 DIPLOMA IN MECHATRONICS STAGE 3B FULL-TIME SEMESTER 1

Module Code	Module Name	Exam Grade	Supplementary Grade
EC1169	QUALITY, RELIABILITY & EMI	DIST	
EC1174	POWER ELECTRONICS & MOTION CONTROL	DIST	
EC1347	PROGRAMMABLE LOGIC CONTROLLERS	DIST	
EC1348	FUZZY LOGIC & NEURAL NETWORKS	A	
LC0304	COMMUNICATION SKILLS FOR WORK	B	
IS1002	INDUSTRIAL TRAINING PROGRAMME	A	

Result: PROMOTED TO NEXT STAGE OF COURSE

1997/1998 DIPLOMA IN MECHATRONICS STAGE 3A FULL-TIME SEMESTER 2

Module Code	Module Name	Exam Grade	Supplementary Grade
EC1171	CONTROL ENGINEERING	DIST	
EC1209	PROJECT	A	
EC1350	INTEGRATED MANUFACTURING SYSTEM	B	
MM0281	INDUSTRIAL ENGINEERING	B	
MM3802	PRODUCTIVITY & QUALITY II	DIST	

Result: DIPLOMA AWARDED
SUCCESSFULLY COMPLETED THE HEALTHY LIFESTYLE MODULE

DIST - DISTINCTION
A - VERY GOOD
B - CREDIT
C - GOOD PASS
D - PASS
E - SUBSIDIARY PASS
P - PASS FOR A NON-GRADED SUBJECT
F - FAIL
EX - EXEMPTED
ABS - ABSENT

for, HEAD, ACADEMIC SERVICES

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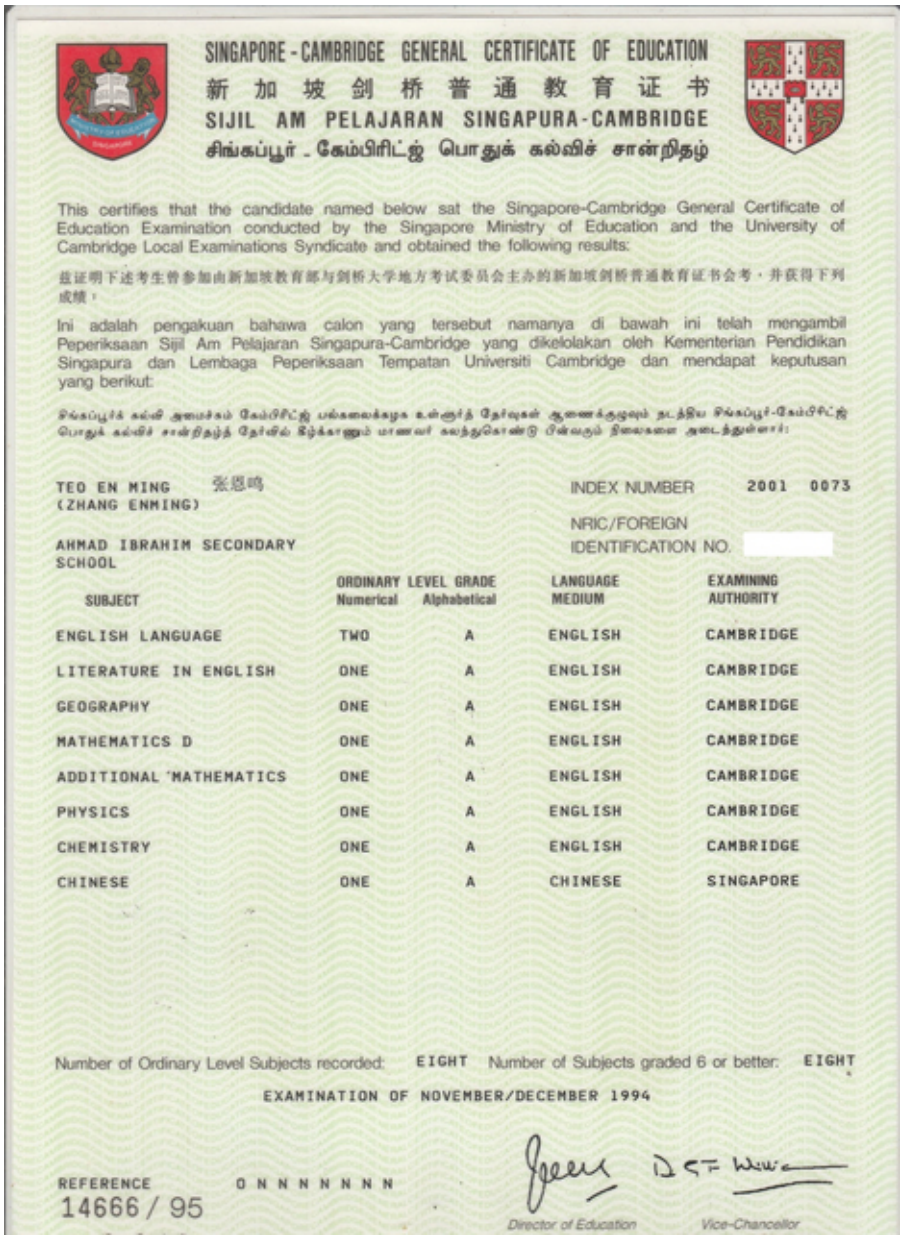
GCE "O" Levels (2017-09-19 19:59) - Turritopsis Dohrnii Teo En Ming



SINGAPORE - CAMBRIDGE GENERAL CERTIFICATE OF EDUCATION
新 加 坡 剑 桥 普 通 教 育 证 书
SIJIL AM PELAJARAN SINGAPURA-CAMBRIDGE
சிங்கப்பூர் - கேம்பிரிட்ஜ் பொதுக் கல்விச் சான்றிதழ்

This certifies that the candidate named below sat the Singapore-Cambridge General Certificate of Education Examination conducted by the Singapore Ministry of Education and the University of Cambridge Local Examinations Syndicate and obtained the following results:

兹证明下述考生曾参加由新加坡教育部与剑桥大学地方考试委员会主办的新加坡剑桥普通教育证书会考，并获得下列成绩：

Ini adalah pengakuan bahawa calon yang tersebut namanya di bawah ini telah mengambil Peperiksaan Sijil Am Pelajaran Singapura-Cambridge yang dikelolakan oleh Kementerian Pendidikan Singapura dan Lembaga Peperiksaan Tempatan Universiti Cambridge dan mendapat keputusan yang berikut:

சிங்கப்பூர்க் கல்வி அமைச்சும் கேம்பிரிட்ஜ் பல்கலைக்கழக உள்ளூர்த் தேர்வுகள் ஆணைக்குழுவும் நடத்திய சிங்கப்பூர்-கேம்பிரிட்ஜ் பொதுக் கல்விச் சான்றிதழ்த் தேர்வில் கீழ்க்காணும் மாணவர் கலந்துகொண்டு பின்வரும் நிலையை அடைந்துள்ளார்:

TEO EN MING 张恩鸣
(ZHANG ENMING)

INDEX NUMBER 2001 0073

NRIC/FOREIGN IDENTIFICATION NO.

AHMAD IBRAHIM SECONDARY SCHOOL

SUBJECT	ORDINARY LEVEL GRADE Numerical	Alphabetical	LANGUAGE MEDIUM	EXAMINING AUTHORITY
ENGLISH LANGUAGE	TWO	A	ENGLISH	CAMBRIDGE
LITERATURE IN ENGLISH	ONE	A	ENGLISH	CAMBRIDGE
GEOGRAPHY	ONE	A	ENGLISH	CAMBRIDGE
MATHEMATICS D	ONE	A	ENGLISH	CAMBRIDGE
ADDITIONAL MATHEMATICS	ONE	A	ENGLISH	CAMBRIDGE
PHYSICS	ONE	A	ENGLISH	CAMBRIDGE
CHEMISTRY	ONE	A	ENGLISH	CAMBRIDGE
CHINESE	ONE	A	CHINESE	SINGAPORE

Number of Ordinary Level Subjects recorded: EIGHT Number of Subjects graded 6 or better: EIGHT

EXAMINATION OF NOVEMBER/DECEMBER 1994

REFERENCE 14666 / 95 O N N N N N N N

Director of Education Vice-Chancellor

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