Contents

1   Introduction

Documentation is description installation of aaPanel and nodejs on centos7 and manage nodejs app using PM ,we assuming we are using a server ip 206.189.230.88 and using ssh you can login to our server as below

ssh root@206.189.230.88

2   installation of aaPanel on centos7

1   Update the system first

yum update -y

2   install wget to be used the installation script

yum install wget -y

3   Now Download the installation script from aaPanel:

wget -O install.sh **http://www.aapanel.com/script/install_6.0_en.sh** -O install.sh

4   now start installation by running script as below :

bash install.sh

```
[root@testing-bishoy ~]# bash install.sh
+----------------------------------------------------------------
| aaPanel 6.0 FOR CentOS/Ubuntu/Debian
+----------------------------------------------------------------
| Copyright © 2015-2099 BT-SOFT(http://www.aapanel.com) All rights reserved.
+----------------------------------------------------------------
| The WebPanel URL will be http://SERVER_IP:8888 when installed.
+----------------------------------------------------------------

Do you want to install aaPanel to the /www directory now?(y/n): y

-----------------------------------------------------------------
If you choose to enable SSL (self-signed certificate), you will use https access panel after installation.
After logging in, you can go to the panel settings and change to Let's Encrypt certificate.
-----------------------------------------------------------------

Do you need to enable the panel SSl ? (yes/n): n
-----------------------------------------------------------------
Selected download node...
```

5   the installation script should finished as below

```
  python-slip.noarch 0:0.4.0-4.el7        python-slip-dbus.noarch 0:0.4.0-4.el7

Complete!
success
================================================================
Congratulations! Installed successfully!
================================================================
aaPanel: http://206.189.230.88:8888/5f2ed2ed
username: gssolkve
password: c8635b00
Warning:
If you cannot access the panel,
release the following port (8888|888|80|443|20|21) in the security group
================================================================
Time consumed: 1 Minute!
```
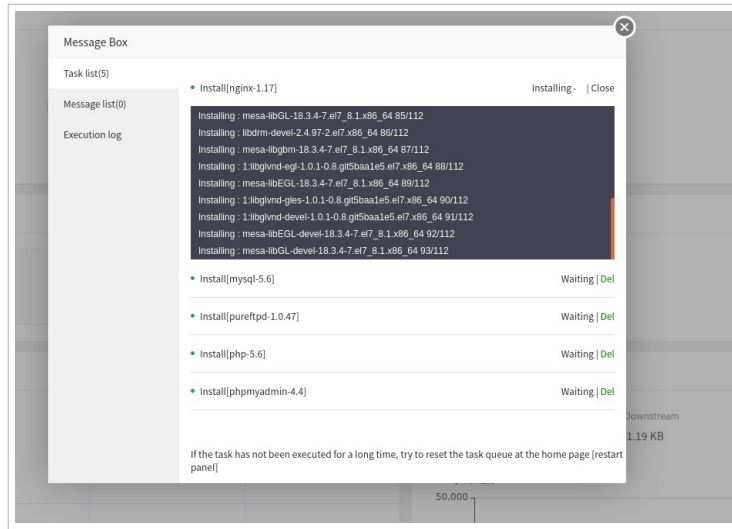
6   now you get your aaPanel to as above info , just go to
http://206.189.230.88:8888/5f2ed2ed and enter above cerdential as bellow
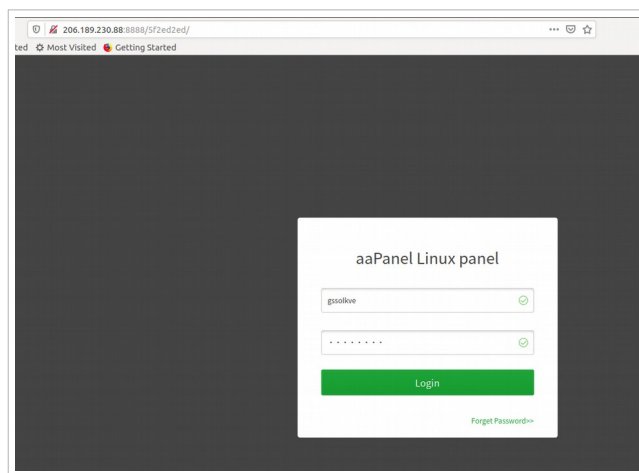
7   once login choose LNMP setup and click on One-click button
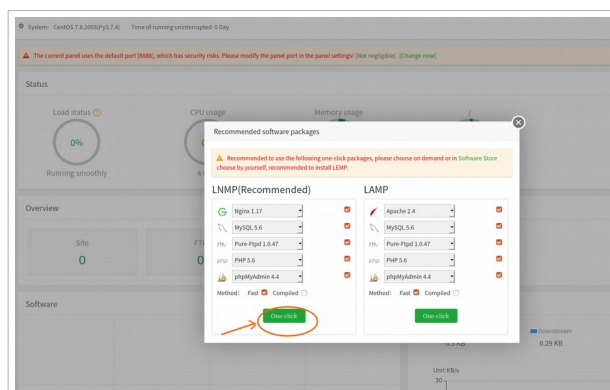
8   once click all packages gonna installed

9 once aaPanel installed , you will get this page
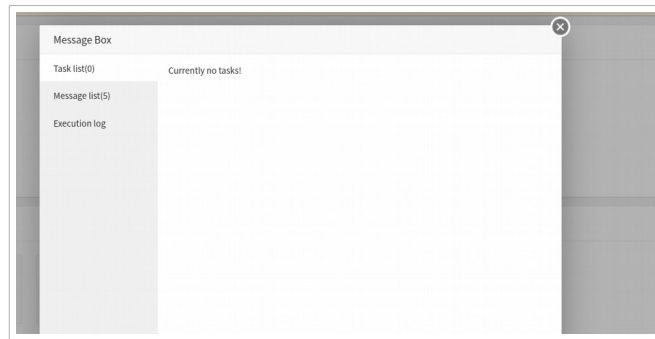
10 verify all packages are finished correctly check packages tab
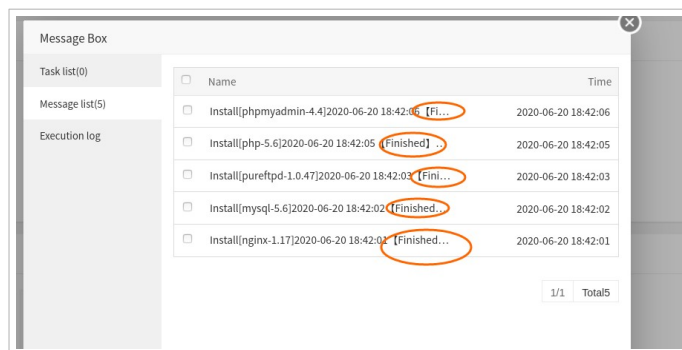
11 create an ftp user
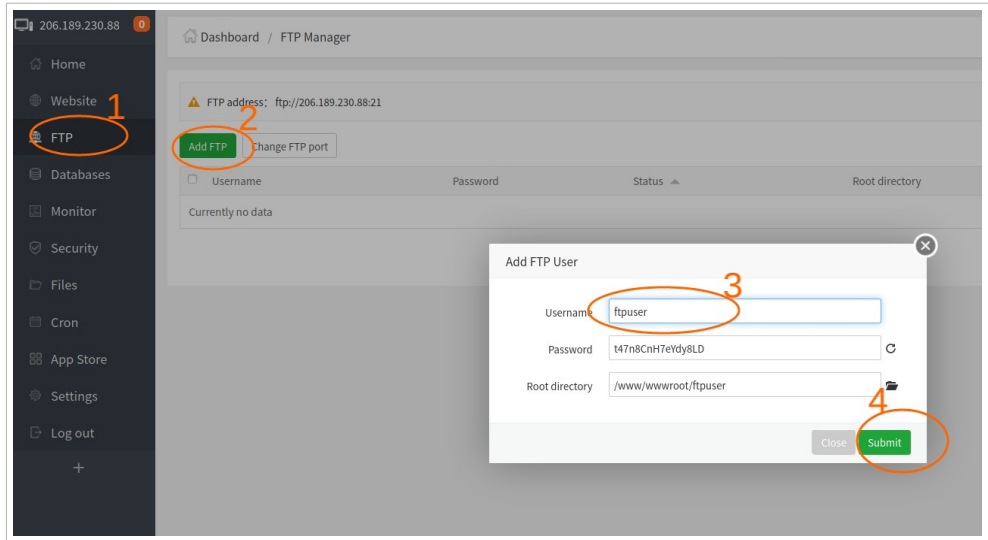
12 Testing ftp user by login to ftp://206.189.230.88/ using ftpuser/t47n8CnH7eYdy8LD shown above
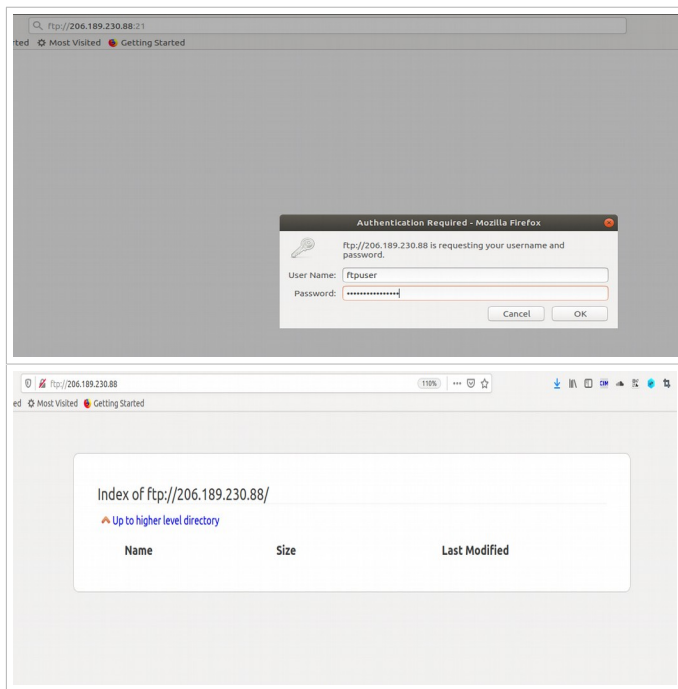
3   Install PM2 app from aaPanel

1 First update list of app from App store tab and wait till update
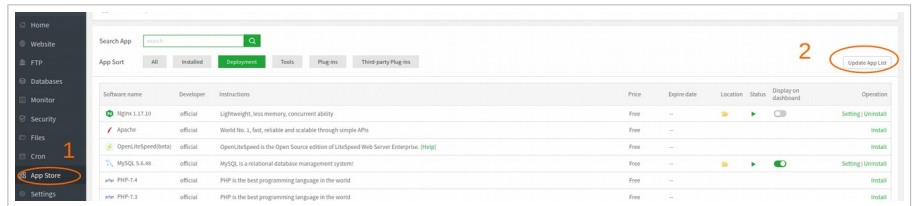
2 install PM2 Install PM2 package go to app store and looking about PM package as below , wait until installed , if it multiple page you can go to next page to find it out
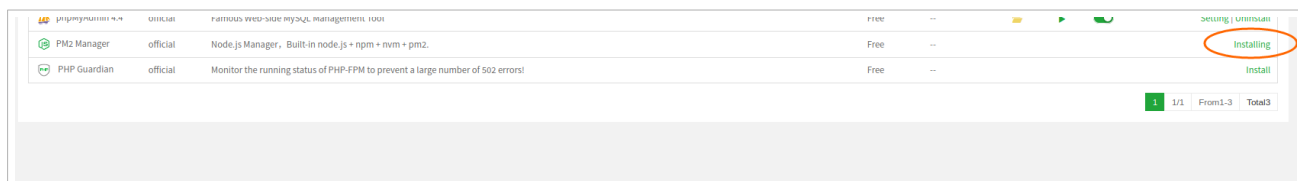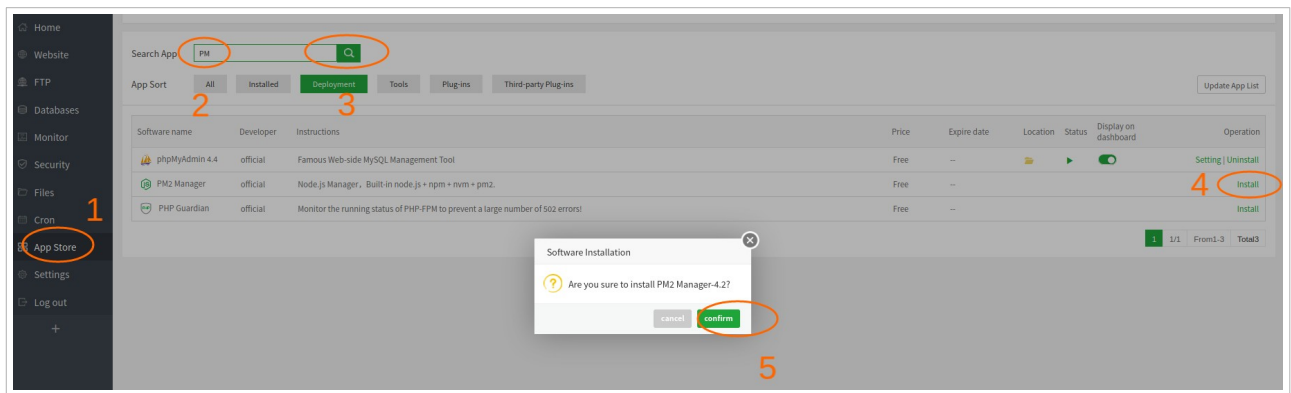
3 refresh aaPanel and verify that PM already installed
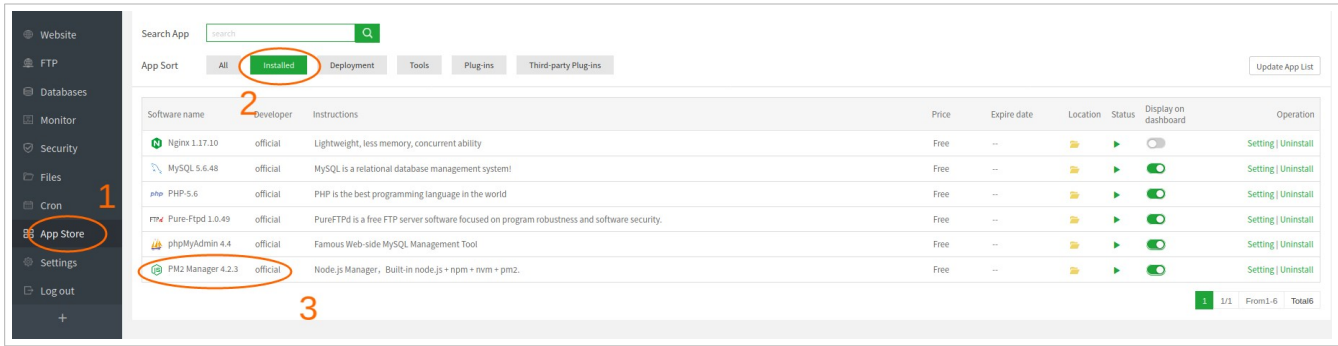
4 verify
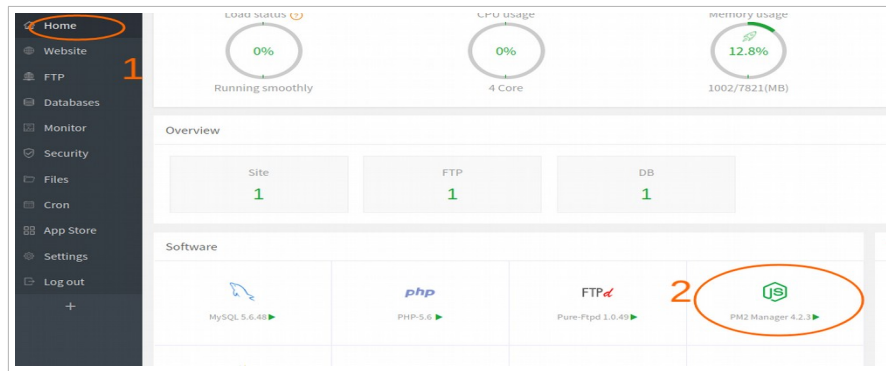
5 create a nodjs app called test_app located in dir /www/wwwroot/app/ and the app.js is the startup file, now we need to create the new dir as path /www/wwwroot/app/

click on app dir
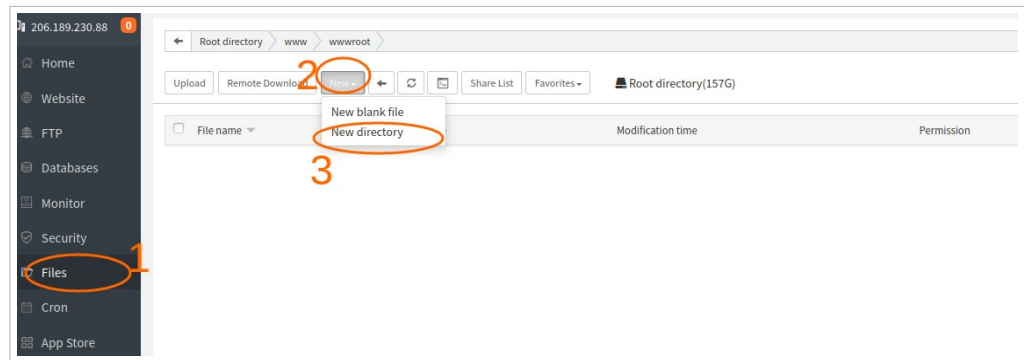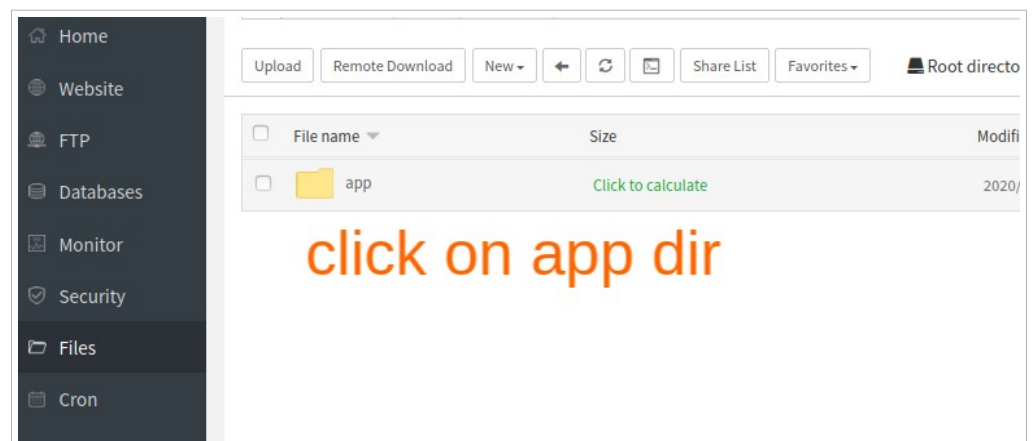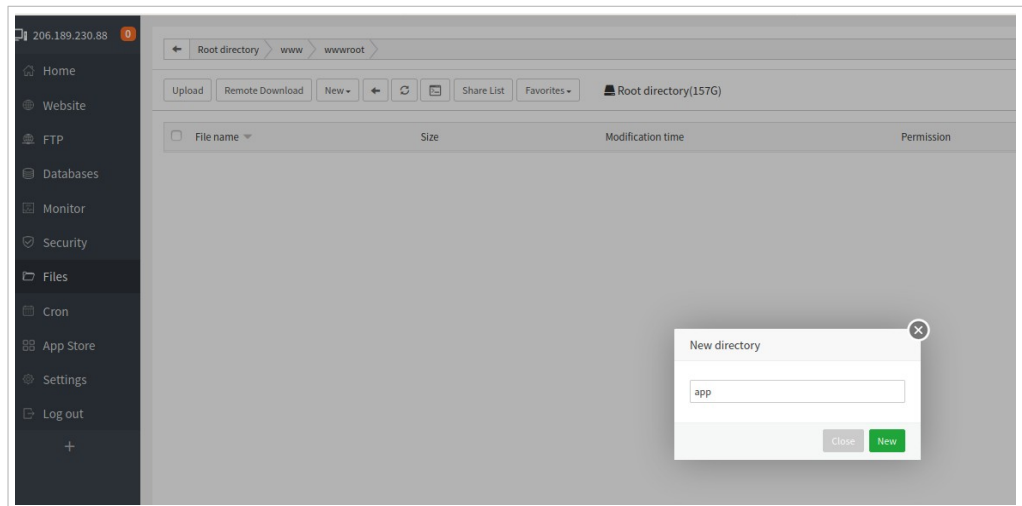
6 create a new a file to called app.js
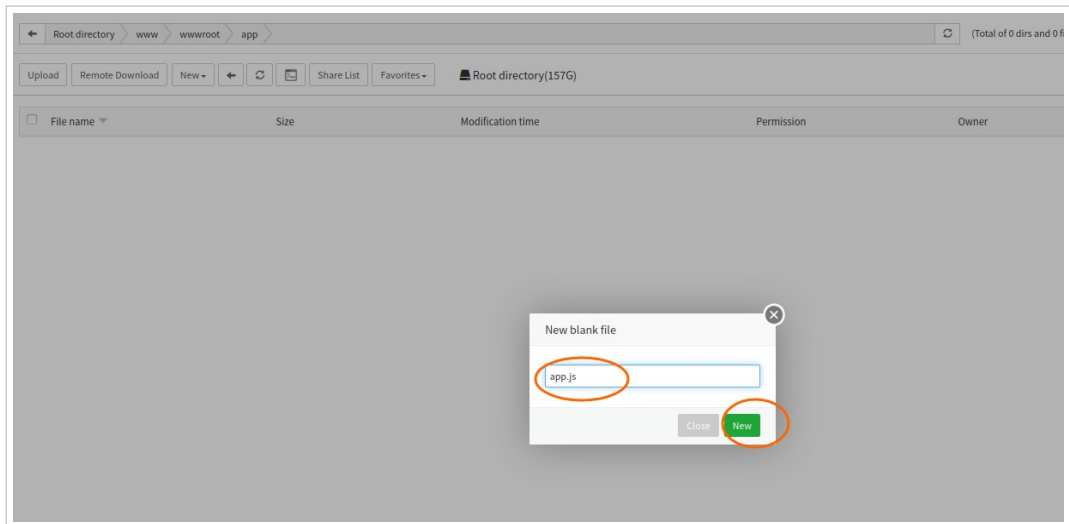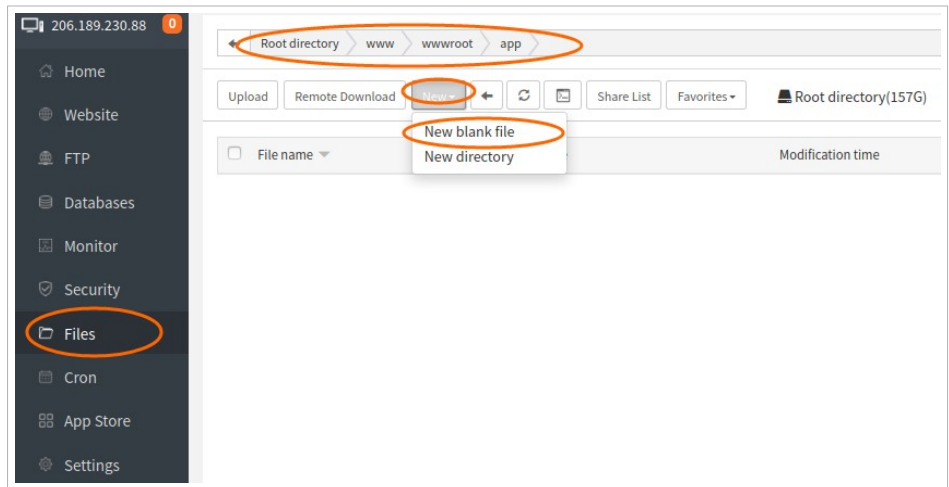
7 write app.js contents as below, save and exist

```
const http = require('http');

const hostname = '206.189.230.88';
const port = 3000;

const server = http.createServer((req, res) => {
        res.statusCode = 200;
        res.setHeader('Content-Type', 'text/plain');
        res.end('This is a test fro nodjs app.js!\n');
});

server.listen(port, hostname, () => {
        console.log(`Server running at http://${hostname}:${port}/`);
});
```
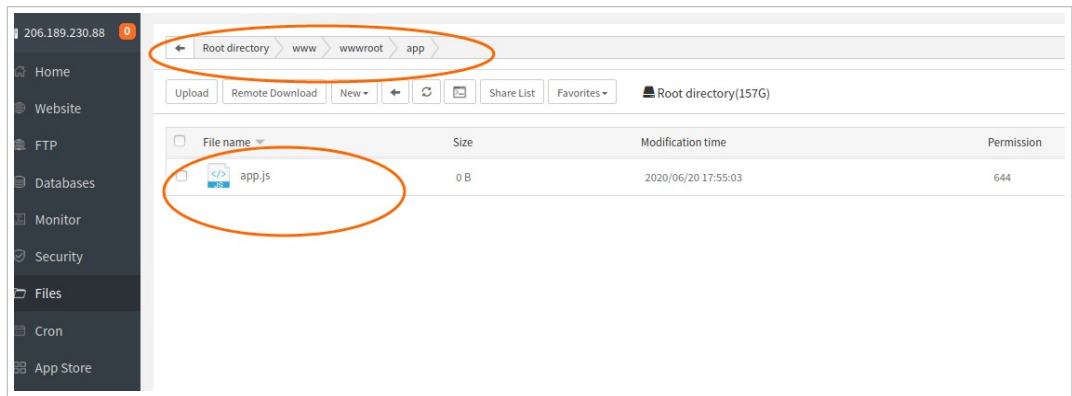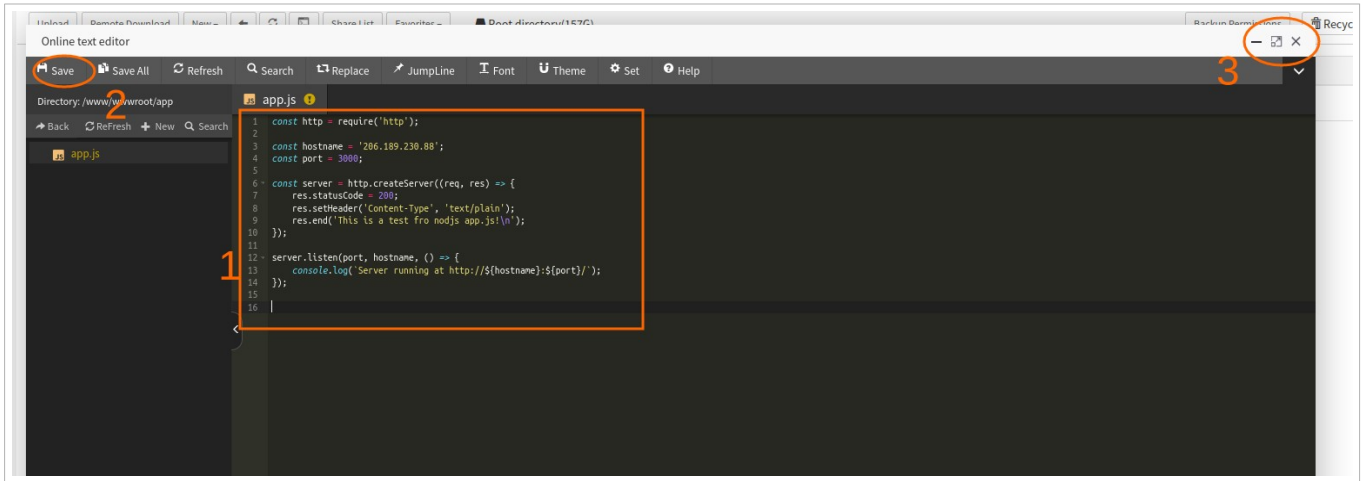
8 time to start this nodjs app as below , go to home tab and start app
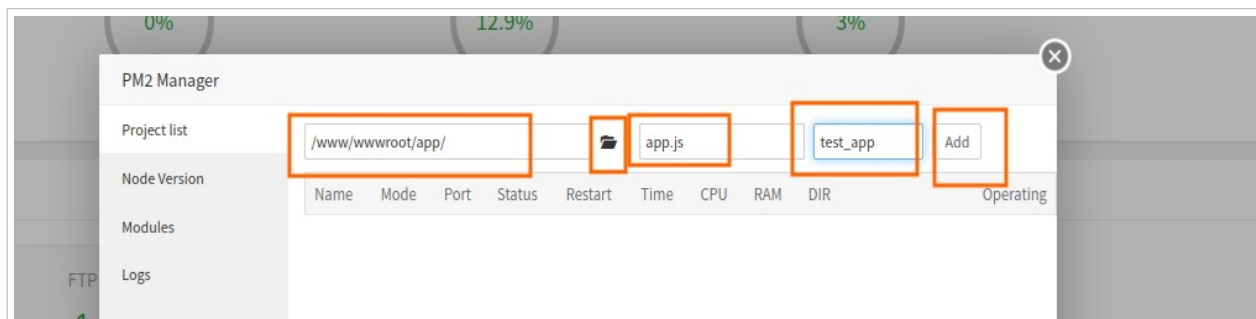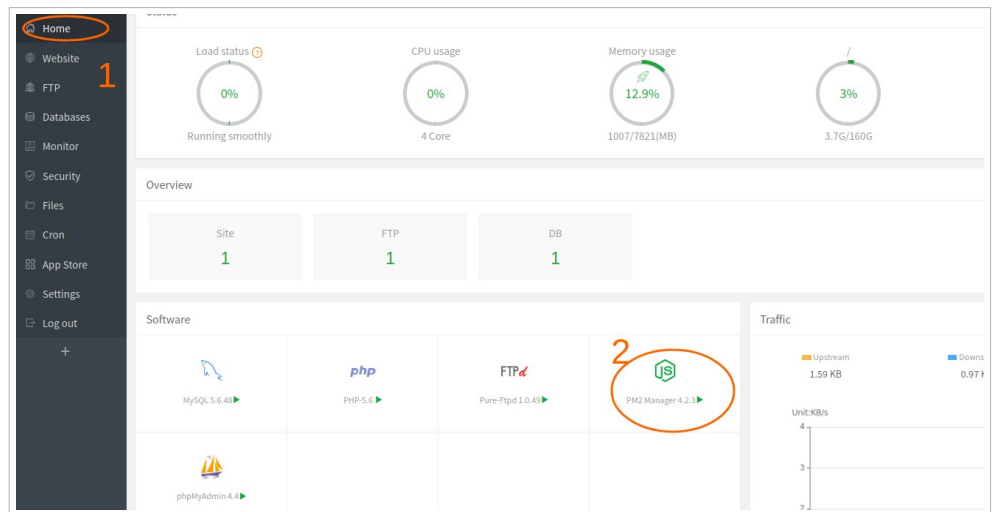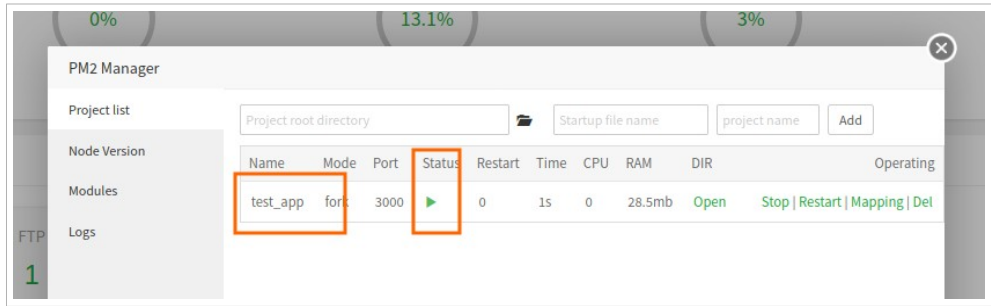
as above your test_app is running and working well

9 now you can manage your app life cycle as below option (stop,restart,mapping,del)
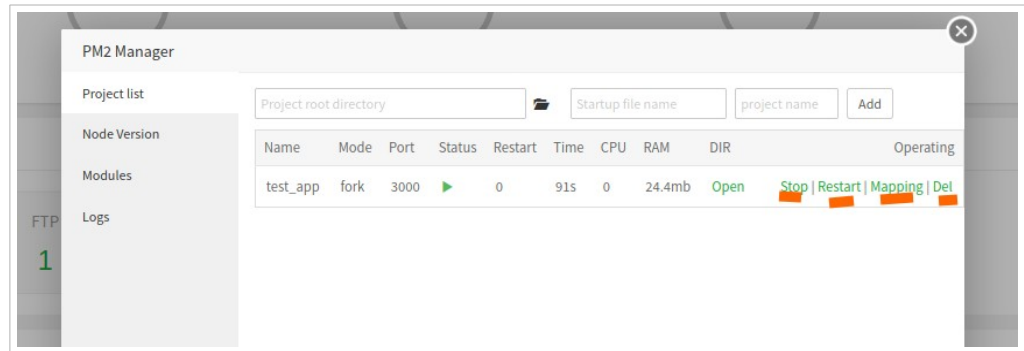
10 open port on aaPanel from security tab to allow app reachable from outside
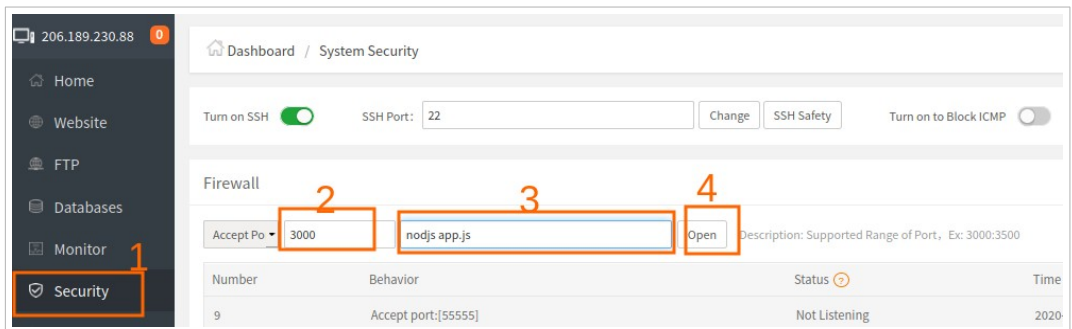
11 verify port 3000 already opened

12   now you can access your app using http://206.189.230.88:3000
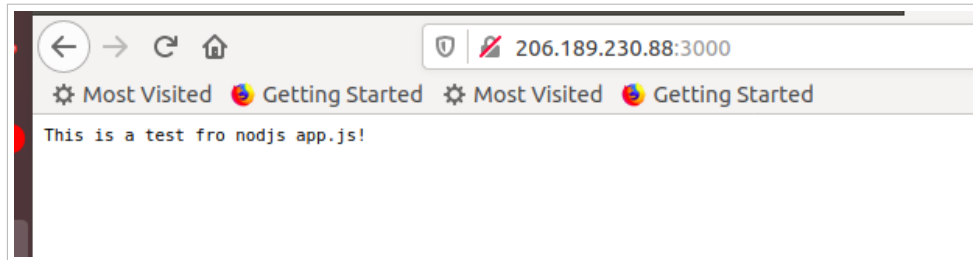
4   install mongodb using aaPanel

1   Install mongodb package

2 once installed you can find it on home tab

3 you can check mongdb status from Home tab as below
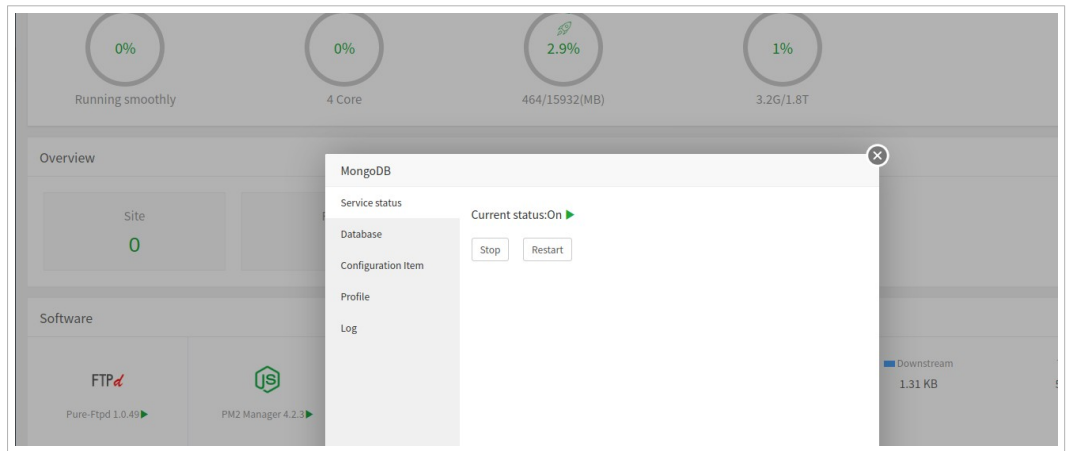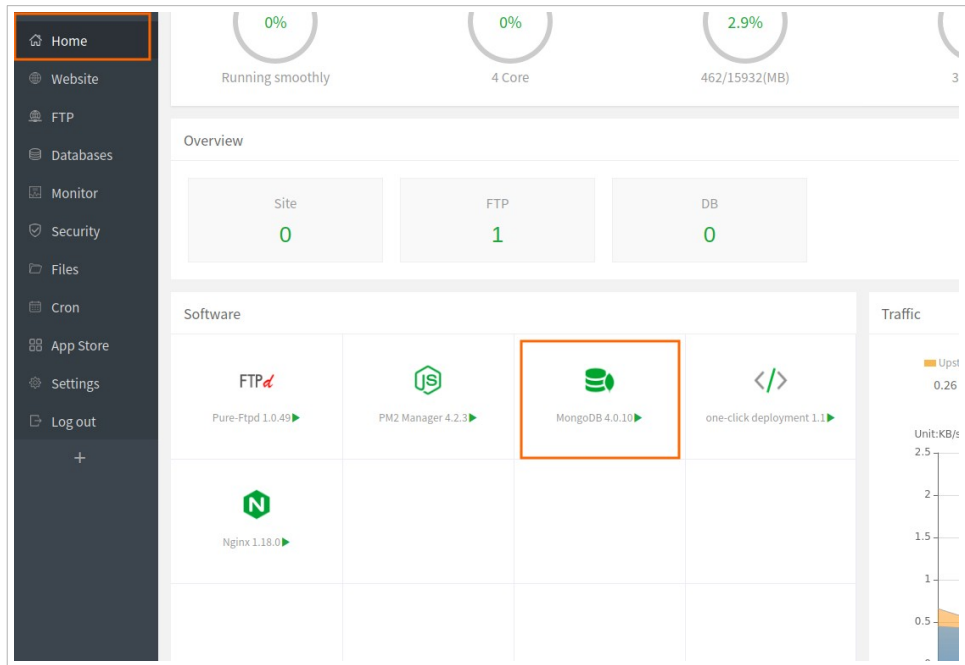
4   you can create a database also