

Aion 4.6 PTS SetupGuide

Mittwoch, 16. März 2022 21:52

Helpful Links:

<https://forum.ragezone.com/f587/aion-4-6-retail-server-1197401/>
<https://forum.ragezone.com/f587/aion-pts-4-6-files-1174077/>
<https://forum.ragezone.com/f587/aion-4-6-retail-vm-1197600/>

Clients 4.6:

Aion Brasil 4.6 <https://onedrive.live.com/?authkey=%21AGfXnNP7%2DKwpr8&cid=7D5EE7A159572096&id=7D5EE7A159572096%21185508&parId=root&action=defaultclick>
(NOT GOOD) EuroAion(4.6): <https://euroaion.com/files/euroaion.exe>
AionEU 4.6: <https://drive.google.com/drive/u/0/folders/0B27KLpQaM5paYVdzNmpxekZNNzA?resourcekey=0-IACBS1q1Csbz2LebFq4nbA>

Requirements:

-Windows
-4 CPU
-16GB Ram
-16GB Swap
-atleast 50gb storagespace

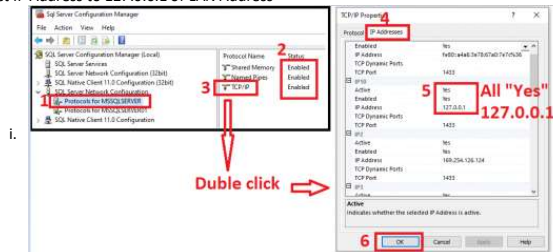
Download PTS Files: <https://disk.yandex.ru/d/x7a11c-a6A4zsw>

Disclimer:

Don't change paths or/and passwords without understanding how it works or you catch some glitches and troubles in work

Database/Game/Login/NPC/Chat/Petition/Cache/Auth/AuthGate Server

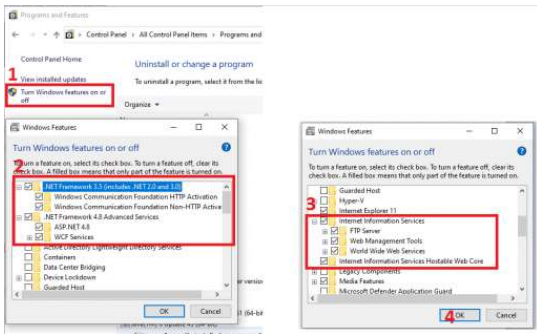
1. Install SQL server 2019 : <https://go.microsoft.com/fwlink/?linkid=866662>
 - a. How to install :<https://computingforgeeks.com/install-windows-server/>
 - b. Set SQL Server to Mixed Mode Auth and give SA:U6SjK3ZyQhrv5tq
2. Install SSMS : <https://aka.ms/ssmsfullsetup>
3. Best is keep that File Structure:
 1. D:\AION_SERVER
4. Open SSMS and login with "sa" account, and in "Properties" of SQL Server in section "Advanced" change "Max Text Replication Size" to "65564" and restart SQL Server.
5. In SSMS restore from "\AION_SERVER\SQLDATA" folder databases:
 - AccountCacheD
 - aion_log
 - aionaccounts
 - aionworld_110
 - bkpetitiondb
 - petitiondb
6. run "ODBC Data Sources (64-bit)" and in section "File DSN" press folder icon on right side of "Look in:" and listen to "D:\AION_SERVER\ODBC"
 1. remember - SQL connection parameters and other setting possible stores in registry sections "HKLM\SOFTWARE\NC Soft" and "HKCU\SOFTWARE\NC Soft"
7. Open SQL Server Config Manager and enable tcp/ip, Named Pipes and Shared Memory
 1. Set IP Address to 127.0.0.1 or LAN Address



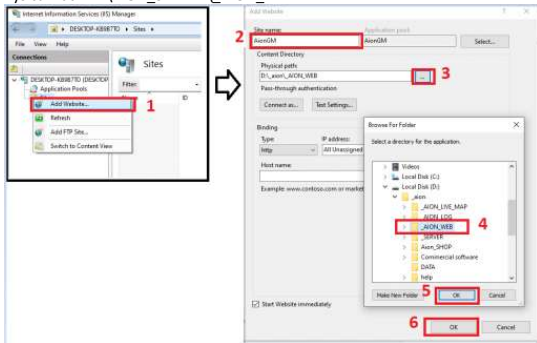
8. Go to "\AION_SERVER_SERVER\ChannelChattingServer", edit "ChatServerList_Server.xml" then replace the IP "172.16.200.119" by your's server IP(<SERVERIP>), leave ports as is
9. Go to "\AION_SERVER_SERVER\MainServer", edit "common.xml" then replace the IP "172.16.200.119" by your's server IP(<SERVERIP>), leave ports as is
10. Go to "\AION_SERVER_SERVER\MainServer", edit "config.xml" then replace the IP "172.16.200.119" by your's server IP(<SERVERIP>), leave ports as is
11. Go to "\AION_SERVER_SERVER\PetitionServer", edit "AppConfigForServiceCode.xml" then replace the IP "172.16.200.119" by your's server IP(<SERVERIP>), leave ports as is
12. Go to "\AION_SERVER_SERVER\PetitionServer\DB", edit "codec.txt" then replace the IP "172.16.200.119" by your's server IP(<SERVERIP>), leave ports as is
13. Go to "\AION_SERVER_SERVER\PetitionServer", edit "PetitionD_Integration.exe.config" then replace the IP "172.16.200.119" by your's server IP(<SERVERIP>),
 1. and U must correct string at line 16 - "<add key="DatabaseConnString" value=" by copy in clipboard string between """, then launch "\AION_SERVER_SERVER\PetitionServer\DB\codec.exe", and in section over "Decrypt" button paste copied data, then press "Decrypt" button, after that select and copy to clipboard text from "Output" section, and in section over "Encrypt" button paste copied data, replace the IP "172.16.200.119" by your's server IP(<SERVERIP>), then press "Decrypt" button, after that select and copy to clipboard text from "Output", and in file "\AION_SERVER_SERVER\PetitionServer\PetitionD_Integration.exe.config" at line 16 - "<add key="DatabaseConnString" value=" paste from clipboard string by replace text between """
14. In SSMS open database "aionaccounts" and in table "dbo.server" change paramer "ip" to your's server IP
15. In SSMS open database "aion_log" and in table "aiongm_ur.TBL_WORLD_SERVER_INFO" and table "dbo.TBL_WORLD_SERVER_INFO" change paramers in "SERVER_URL" by correctin password for DB connection string it's enough for start all servers include GM part

IIS/GM Server Installation:

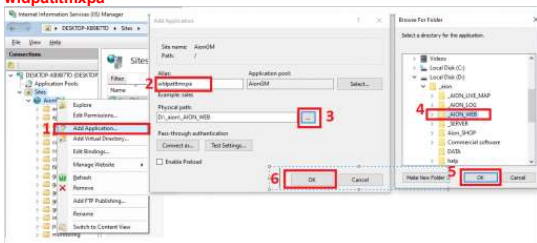
1. If U needed GM Web console, so install IIS with ASP .NET 4.x & .NET 4.7 or above
 - Enable "HTTP Activation feature" for IIS
 - In SSMS create in MS SQL User name "aiongm_ur" with password "aiongm_ur00" and give him full access to "aion_log" DB if not have yet or edit file "d:\AION_SERVER_AION_WEB\conf\external_config.xml" and replace connection string.



- 1.
2. Open IIS Manager and Rightclick "Sites" and "Add Website"
 1. Site Name: AionGM
 2. Physical Path: D:\AION_SERVER\AION_WEB



3. Add Alias to "AionGM" Website
 1. Rightclick on AionGM > Add Application > Alias: **wldpatltxpa**

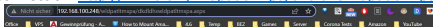


4. Bind Website to port 80 or desired port

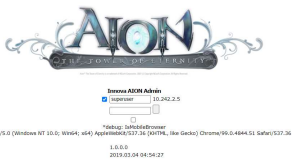
Sitebindungen

Typ	Hostname	Port	IP-Adresse	Bindungsinform
1.	http	80	*	

5. For GMServer IIS has to work and "AionGM" Website to be correct:
6. Test connection: <http://127.0.0.1/wldpatltxpa/dkldhswldpatltxpa.aspx> or correct IP/Host



- 1.

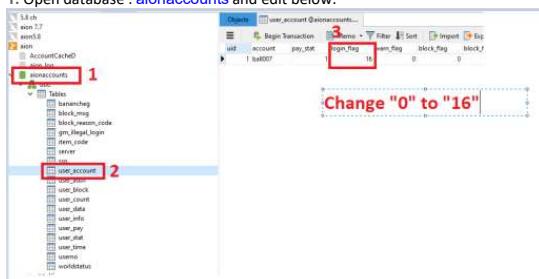


7. Default GM: superuser | admin888
8. USE 127.0.0.1 TO CONNECT, LOCALHOST OR ANY OTHER

Make GM Account:

<https://forum.ragezone.com/f588/id-gm-aion-4-6-a-1198207/>
[How to make ID GM](#)

1. Open database: [aionaccounts](#) and edit below.



2. Create a new character that you want to be GM. (Remember name)
3. Run D:\aion_SERVER\GMServer\GMServer.exe

```

6/13/2021 1:05:36 PM : ""NoticeAgent started""
6/13/2021 1:05:36 PM : ""StatisticsAgent started""
6/13/2021 1:05:36 PM : checking the announcement minutely
6/13/2021 1:05:36 PM : Work1: GMServer > BuildLogDAO
6/13/2021 1:05:36 PM : checking the statistics minutely
6/13/2021 1:05:36 PM : NoticeAgent is normal
6/13/2021 1:05:36 PM : StatisticsAgent is normal
6/13/2021 1:05:36 PM : GMServer > statistics_id Color [Blue]

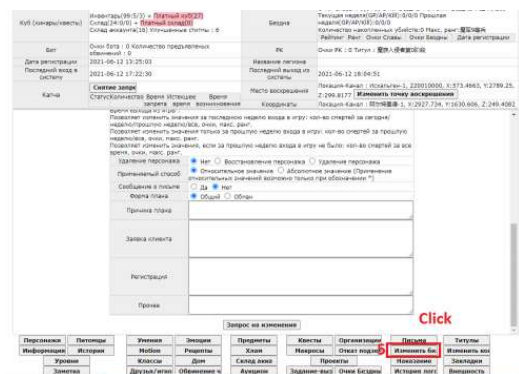
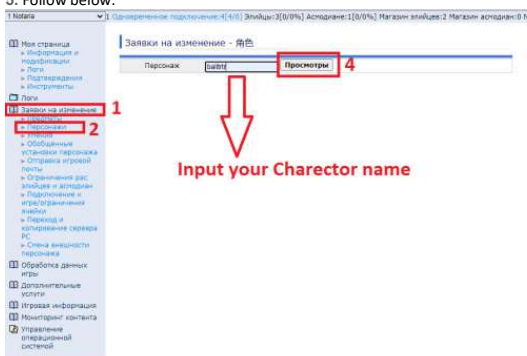
```

Thread Count : 29, StartTime of Process : 6/13/2021 1:05:33 PM

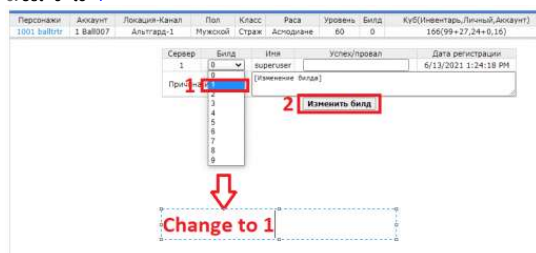
4. Go to <http://127.0.0.1/wdpattmtpa/dkdlhswdpattmtpa.aspx>



5. Follow below.



6. Set "0" to "1"



Have fun !!!

**** Ingame GM panel = Shift +F1



Aus <https://forum.ragezone.com/t588/id-gm-aion-4-6-a-1198207/>

Start the Servers

1. "\\AION_SERVER\01.AccountCacheServer.Ink" to start "Account Cache Server"
 - in first start it's request SQL database connection parameters through "SQL Login" window:
 - "File DB" - default request "aion_accoutdb" .dsn-file U need post like "d:\AION_SERVER\ODBC\AccountCacheD.dsn"
 - "Login Name" - U need post "sa"
 - "Password" - U need post "U6SjJk3ZyQhrv5tq"
 - Then press "OK" button
 - wait till in log writes "** server ready on port" and port number set in "d:\AION_SERVER_SERVER\AccountCacheServer\common.xml" config file
2. "\\AION_SERVER\02.CAPTCHAlmageServer.Ink" to start "CAPTCHA Image Server" - wait till in log writes "CAPTCHAImageServer started."
3. "\\AION_SERVER\03.ChannelChattingServer.Ink" to start "Channel Chatting Server" - wait till in log writes "A2GServer::NEW succeeded."
4. "\\AION_SERVER\04.ICServer.Ink" to start "InterChange Server" - wait till in log writes "** main server ready on port" and "** cache server ready on port" and port numbers set in "\\AION_SERVER_SERVER\ICServer\common.xml" config file
5. "\\AION_SERVER\05.AuthServer.Ink" to start "Auth Server"
 - We dont have Serial number (not needed), click cancel
 - on DSN Access insert these into the Fields:
 - "File DB" - default request "L2Conn" .dsn-file U need post like "d:\AION_SERVER\ODBC\AionAccounts.dsn"
 - "Login Name" - U need post "sa"
 - "Password" - U need post "U6SjJk3ZyQhrv5tq"
 - wait till in log writes "server ready on port", "service ready on port", and "interactive server ready on port" and "monitor server ready on port" and port numbers set in "\\AION_SERVER_SERVER\AuthServer\etc\config.txt" config file
6. "\\AION_SERVER\06.AuthGateServer.Ink" to start "Auth Gate Server" - wait till in log writes "AuthGateD Service Running..." and "**new authd connection from" and IP "Auth Server"
7. "\\AION_SERVER\07.CacheServer.Ink" to start "Cache Server"
- 7.1 "\\AION_SERVER\08.1.ShopAgentServer.Ink" to start "Shop Server"
 - you have to add a new Database to the SQL Server named "SADB"
8. "\\AION_SERVER\08.NPCServer.Ink" to start "NPC Server" - wait till in log writes "message: SERVER DATA LOAD COMPLETED IN", "Connected to DB" and repeating message "warning: failed to make connection. code=10061" - it's says about "NPC Server loaded needed data and wait connection from Main server"
9. "\\AION_SERVER\09.MainServer.Ink" to start "Main Server"
 - wait till in log writes "Connected to AuthServer: Auth server at"
 - and check in "Auth Server" log message "**new world server connection from"
10. "\\AION_SERVER\10.LogServer.Ink" to start "Log Server", but it not work with Euro country code(2)
 1. If U needed "Log Server" run - Switch Regional settings in system for "non-Unicode programs" into CP 936("Chinese(Simplified, China)") and modify string "<country></country>"(EUR) to "<country></country>"(Chinese) in .xml files of settings and U needed Chinese Aion Client
11. "Petition Server" no need to work
12. .XML-files have more errors, if U need U can fix it by read logs of "NPC Server" and "Main Server"
13. "\\AION_SERVER\11.GMServer.Ink" to start GMServer
14. "\\AION_SERVER\12.GMShop.Ink" to start GMShop

GM WebAccess:

8. Default GM: superuser Admin888
9. <http://127.0.0.1/wldpatltxmpa/dkddhswldpatltxmpa.aspx> or correct IP/Host
 1. You can add "alias" like "aion-webgm" to IIS Site "AionGM", same as with alias: **wldpatltxmpa**

Make sure to user Aion Client 4.6 in CC=2

IP Change:

External:

```
D:\AION_SERVER\_SERVER\PetitionServer\PetitionD_Integration.exe.config + Codec
D:\AION_SERVER\_SERVER\PetitionServer\DB\codec.txt
D:\AION_SERVER\_SERVER\PetitionServer\AppConfigForServiceCode.xml
D:\AION_SERVER\_SERVER\GMServer\GM_SERVER.txt
D:\AION_SERVER\_SERVER\ChannelChattingServer\ChatServerList_Server.xml
D:\AION_SERVER\_SERVER>MainServer\config.xml
D:\AION_SERVER\_SERVER>MainServer\common.xml
DB>AionAccounts>dbo.server
```

They are set to 127.0.0.1

```
DB>aion_log>aiongm_ur.TBL_WORLD_SERVER_INFO
DB>aion_log>dbo.TBL_WORLD_SERVER_INFO
```

Ports need to be open:

A1	TCP	1:65535 — 2106
A2	TCP	1:65535 — 7777
A3	TCP	1:65535 — 10241
A4	TCP	1:65535 — 9014
A5	TCP	1:65535 — 9021

Register Account:

Start: D:\AION_SERVER\SERVER\AccountCacheServer\RegisterAccount.exe
Auto Account Creation is "ON" by default (Create account while login with Client)

Server Automatic Account Creation

Disable:

I have only a question: Where can I disable the automatic account creation? When I try to login with a not registered account, the server does not pop any error, it creates the account instead. How can I disable that?

To disable the automatic account creation, you must change your `ap_GPwdWithFlag` at `AionAccounts` database to the following:

```
Code:
ALTER PROCEDURE [dbo].[ap_GPwdWithFlag] (@account varchar(14)
, @PWD binary(16) output
, @flag tinyint output
--, @otpfalg tinyint = 0 output
AS
SELECT @PWD=password
, @flag=new_pwd_flag
-- , @otpfalg = otp_flag
FROM user_auth with (nolock)
WHERE account=@account
```

Aus <<https://forum.ragezone.com/t588/id-gm-aion-4-6-a-1198207/#post9083631>>

Enable:

```
ALTER PROCEDURE [dbo].[ap_GPwdWithFlag]
@account varchar(14)
, @pwd binary(16) output
, @flag tinyint output
--, @otpfalg tinyint = 0 output
AS
if(not exists(select account from user_auth where account=@account)) begin
if(@account not like '%[^\a-zA-Z0-9]%^') begin
SELECT @pwd=0x00000000000000000000000000000000, @flag=3
exec ap_AutoReg @account
end
end else begin
SELECT @pwd=password
, @flag=new_pwd_flag
-- , @otpfalg = otp_flag
FROM user_auth with (nolock)
WHERE account=@account
End
```

Shop Agent Server

1. Create New Database named "SADB"

Lock/Unlock Classes:

Go to `AION_LIVE_MAP/map.45039/XML/` and edit file "Createchainfo.xml" then uncomment it.

Aus <<https://forum.ragezone.com/t587/aion-4-6-retail-server-1197401/index4.html>>

Change Rates:

For exp you can change that by editing the file: `...\AION\Server\MainServer\common.xml`.

There you will find these lines:

Aus <<https://forum.ragezone.com/t587/aion-4-6-retail-server-1197401/index4.html>>

Change Drop:

`D:\AION_SERVER\SERVER\NPCServer\common.xml`

FIX Instance Server:

Use `Server64.exe` from this pack and replace it with yours: (from `AionBrasil`) full Source

<https://onedrive.live.com/?cid=7d5ee7a159572096&id=7D5EE7A159572096%21185509&authkey=%21AAAnmoLUTIPc3hHl>

`Server64.exe` only: <https://drive.google.com/file/d/1eCKBYPa1-vsHkCM8eXJszvI8IMXFgDs/view>

ORIGINAL SETUP CONTEXT:

Prepare:

1. Windows Server 2012R2
3. SQL Server 2017 (no express) and SSMS or above
4. Complementary tools (Notepad ++, 7zip, VC, .NET Framework 3.5, HeidiSQL, etc)

Disclaimer:

Don't change paths or/and passwords without understanding how it works or you catch some glitches and troubles in work

Correction:

1. If U needed GM Web console, so install IIS with ASP .NET 4.x & .NET 4.7 or above
 - Enable "HTTP Activation feature" for IIS
 - In SSMS create in MS SQL User name "aiongm_ur" with password "aiongm_ur00" and give him full access to "aion_log" DB if not have yet or edit file "`d:\AION_SERVER\AION_WEB\conf\external_config.xml`" and replace connection string.
2. If U needed "Log Server" run - Switch Regional settings in system for "non-Unicode programs" into CP 936("Chinese(Simplified, China)") and modify string "<country>2</country>" (EUR) to "<country>5</country>" (Chinese) in .xml files of settings and U needed Chinese AION Client
3. Unpack "AION_SERVER.rar" archive to a root folder in drive you select for use "C:\", "D:\." or other (by default in configs figured "D:\.")
4. Switch SQL Server into mixed mode and set "sa" password as "U6SjK3ZyQhrv5tq"
5. Open SSMS and login with "sa" account, and in "Properties" of SQL Server in section "Advanced" change "Max Text Replication Size" to "65664" and restart SQL Server.
6. In SSMS restore from "\AION_SERVER\SQLDATA" folder databases:
 - AccountCacheD
 - aion_log
 - aionaccounts
 - aionworld_110
 - bkpetitiondb
 - petitiondb

7. check path in .ini, .xml and .txt files it must include "\AION_SERVER\"
8. run "ODBC Data Sources (64-bit)" and in section "File DSN" press folder icon on right side of "Look in:" and listen to "D:\AION_SERVER\ODBC"
9. remember - SQL connection parameters and other setting possible stores in registry sections "HKLM\SOFTWARE\NC Soft" and "HKCU\SOFTWARE\NC Soft"
10. Go to "\AION_SERVER_SERVER\ChannelChattingServer", edit "ChatServerList_Server.xml" then replace the IP "172.16.200.119" by your's server IP(<SERVERIP>), leave ports as is
11. Go to "\AION_SERVER_SERVER>MainServer", edit "common.xml" then replace the IP "172.16.200.119" by your's server IP(<SERVERIP>), leave ports as is
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13. Go to "\AION_SERVER_SERVER\PetitionServer", edit "AppConfigForServiceCode.xml" then replace the IP "172.16.200.119" by your's server IP(<SERVERIP>), leave ports as is
14. Go to "\AION_SERVER_SERVER\PetitionServer\DB", edit "codec.txt" then replace the IP "172.16.200.119" by your's server IP(<SERVERIP>), leave ports as is
15. Go to "\AION_SERVER_SERVER\PetitionServer", edit "PetitionD_Integration.exe.config" then replace the IP "172.16.200.119" by your's server IP(<SERVERIP>), and U must correct string at line 16 - "<add key='DatabaseConnectionString' value=''" by copy in clipboard string between """, then launch "\AION_SERVER_SERVER\PetitionServer\DB\codec.exe", and in section over "Decrypt" button paste copied data, then press "Decrypt" button, after that select and copy to clipboard text from "Output" section, and in section over "Encrypt" button paste copied data, replace the IP "172.16.200.119" by your's server IP(<SERVERIP>), then press "Decrypt" button, after that select and copy to clipboard text from "Output", and in file "\AION_SERVER_SERVER\PetitionServer\PetitionD_Integration.exe.config" at line 16 - "<add key='DatabaseConnectionString' value=''" paste from clipboard string by replace text between """
16. In SSMS open database "aionaccounts" and in table "dbo.server" change parameter "ip" to your's server IP
17. In SSMS open database "aion_log" and in table "aiongm_ur.TBL_WORLD_SERVER_INFO" and table "dbo.TBL_WORLD_SERVER_INFO" change parameters in "SERVER_URL" by correct password for DB connection string it's enough for start all servers include GM part
18. If U plane use GM options U need launch "IIS Manager" and in it in section "Sites" disable/stop "Default Web Site"
19. In "Application pools" add application pool "AionGM" with parameters:
 - "Application pool" set as "AionGM"
 - ".NET CLR version" set as ".NET CLR version v4.0.30319"
 - all other settings keep by default
20. In "Sites" add website "AionGM" with parameters:
 - "Site name" set as "AionGM"
 - "Application pool" set as "AionGM" by choose in list
 - "Physical path" set as "D:\AION_SERVER_AION_WEB"
 - all other settings keep by default

Start the servers for playing and questing

1. "\AION_SERVER\01.AccountCacheServer.Ink" to start "Account Cache Server"
 - in first start it's request SQL database connection parameters through "SQL Login" window:
 - "File DB" - default request "aion_accountdb" .dsn-file U need post like "d:\AION_SERVER\ODBC\AccountCacheD.dsn"
 - "Login Name" - U need post "sa"
 - "Password" - U need post "U6SjJk3ZyQhrv5tq"
 - Then press "OK" button
 - wait till in log writes "** server ready on port" and port number set in "d:\AION_SERVER_SERVER\AccountCacheServer\common.xml" config file
2. "\AION_SERVER\02.CAPTCHAlmageServer.Ink" to start "CAPTCHA Image Server" - wait till in log writes "CAPTCHAImageServer started."
3. "\AION_SERVER\03.ChannelChattingServer.Ink" to start "Channel Chatting Server" - wait till in log writes "A2GServer::NEW succeeded."
4. "\AION_SERVER\04.ICServer.Ink" to start "InterChange Server" - wait till in log writes "** main server ready on port" and "** cache server ready on port" and port numbers set in "\AION_SERVER_SERVER\ICServer\common.xml" config file
5. "\AION_SERVER\05.AuthServer.Ink" to start "Auth Server"
 - when start it's post "Error" window with message "Registry doesn't have valid serial number" to continue just click "OK" button
 - wait till in log writes "server ready on port", "service ready on port", and "interactive server ready on port" and "monitor server ready on port" and port numbers set in "\AION_SERVER_SERVER\AuthServer\etc\config.txt" config file
6. "\AION_SERVER\06.AuthGateServer.Ink" to start "Auth Gate Server" - wait till in log writes "AuthGateD Service Running..." and "** new authd connection from" and IP "Auth Server"
7. "\AION_SERVER\07.CacheServer.Ink" to start "Cache Server"
 - in first start it's request SQL database connection parameters through "SQL Login" window:
 - "File DB" - default request "aionworld_new" .dsn-file U need post like "d:\AION_SERVER\ODBC\AionWorld_110.dsn"
 - "Login Name" - U need post "sa"
 - "Password" - U need post "U6SjJk3ZyQhrv5tq"
 - Then press "OK" button
 - wait till in log writes "**interactive socked ready on port" twice and "**cache server ready on port" and port number set in "d:\AION_SERVER_SERVER\CacheServer\common.xml" config file
8. "\AION_SERVER\08.NPCServer.Ink" to start "NPC Server" - wait till in log writes "message: SERVER DATA LOAD COMPLETED IN", "Connected to DB" and repeating message "warning: failed to make connection. code= 10061" - it's says about "NPC Server loaded needed data and wait connection from Main server"
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 - wait till in log writes "Connected to AuthServer: Auth server at"
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11. "Petition Server" no need to work
12. .XML-files have more errors, if U need U can fix it by read logs of "NPC Server" and "Main Server"

Start the GMServers for administrating and ruling

1. In SSMS open database "aionaccounts" and in table "dbo.user_account" change parameter "login_flag" to "16" for user who will GameMaster
2. Create a new character that you want to be GM. (Remember name)
3. before start GMServer be sure that IIS is started and web server "AionGM" to, for test launch in browser url "<http://127.0.0.1/wldpatltxmpa/dkdlhdswldpatltxmpa.aspx>" and U must see welcome and logon dialogue
4. Launch "\AION_SERVER\11.GMServer.Ink" to start "GM Server" it's requires IIS with .NET 4.7
4. "\AION_SERVER\12.GMShop.Ink" to start "GM Shop Server" it's requires IIS with .NET 4.7
5. after starting GMS in "<http://127.0.0.1/wldpatltxmpa/dkdlhdswldpatltxmpa.aspx>" use Login:"superuser" add Password:"admin888" it's presets for entering into GM webpanel
- 6.

""

This is minimad modding of leaked archives and it's work

Thanks to @TieLay @[sthaporn12@gondracom](#) and many more, that i forgot to add...