



EXILE INSTALLATION GUIDE

V1.0.4



AUTHOR

SDOT

DATE

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OVERVIEW

The purpose of this document is to help guide individuals through the necessary steps of setting up and configuring their own Exile server. The guide is accompanied by a download that includes all the necessary files you will need.

DOWNLOADS

EXILE SERVER INSTALLATION DOWNLOAD V1.0.4

This download contains all the necessary files and tools you require to install your own Exile server excluding the Exile Client and Server files. Download [\(HERE\)](#)

You can also find each download's source in the below list

INDIVIDUAL DOWNLOADS

- ❑ Exile Server: <http://www.exilemod.com/downloads/>
- ❑ Exile Client: <http://www.exilemod.com/downloads/>
- ❑ Steamcmd: <https://steamcdn-a.akamaihd.net/client/installer/steamcmd.zip>
- ❑ DirectX: <https://www.microsoft.com/en-za/download/details.aspx?id=35>
- ❑ MySQL: <http://dev.mysql.com/downloads/installer/>
- ❑ vcredist_x64: <https://www.microsoft.com/en-za/download/details.aspx?id=40784>
- ❑ vcredist_x86: <https://www.microsoft.com/en-za/download/details.aspx?id=40784>
- ❑ Pbo Manager: <http://www.armaholic.com/page.php?id=16369>
- ❑ Notepad++: <https://notepad-plus-plus.org/download>

STEP 01: FOLDER STRUCTURE

This guide follows the “Exile Server Installation Download” folder structure, which is based on a C:\ partition installation. If you are planning your installation on a secondary drive or different location, please make that you make the necessary changes when the guide refers to the below structure.

- C:\Arma\Installs (All downloads)
- C:\Arma\Server (Arma 3 Exile Installation Directory)
- C:\Arma\Steamcmd (Steam Installation Directory)

01. Once you have obtained your copy of the “Exile Server Installation Download”, you can extract it on your partition of choice. As mentioned this guide will make use of the C:\ partition.

STEP 02: PRE-CONFIGURATION

Before continuing with this guide please ensure you have installed the below-listed applications. You can find all installers in the “C:\Arma\Installs” directory.

- Notepad ++ (Very effective tool in editing Exile configuration files)
- Pbo Manager (Great tool to extract necessary game files for editing)

STEP 03: STEAM/ARMA INSTALL

Your server will require both Arma3 and Steam to run successfully. We make use of the “Steamcmd” to download and upgrade Arma3 on the server platform.

01. Navigate to the “C:\Arma\Steamcmd” folder. Here you will find both the “Steamcmd.exe” and “InstallA3Server.bat” installation files.

02. Right click “InstallA3Server.bat” and “Edit with Notepad++”

03. Change the following details within the file accordingly:

- SET STEAMLOGIN=Steam Username(Space)Steam Password
(e.g.) SET STEAMLOGIN=user@gmail.com Password123
- SET A3serverPath=C:\Arma\Server (Arma 3 installation directory)
- SET STEAMPATH=C:\Arma\Steamcmd (Steam installation directory)

04. Save the file and overwrite existing “InstallA3Server.bat”

05. Right click “InstallA3Server.bat” and “Run as administrator”

06. Press enter when prompted to start the steam download

Steam will email the account holder an authentication code which needs to be entered into the console.

07. Entering the code press enter to start the Arma 3 Download

08. Once the Download completes press enter to exit the installer

STEP 04: DIRECTX INSTALL

Arma 3 requires DirectX to launch even a dedicated server.







01. Navigate to the "C:\Arma\Installs\DirectX" folder
02. Execute "DXSETUP.exe" (If you have downloaded DirectX separately please install accordingly)
03. Accept agreement and complete the installation

STEP 05: VCREDIST INSTALL

01. Navigate to the "C:\Arma\Installs\Vcredist" folder and execute "1_vcredist_x64.exe"
02. Accept Agreement, click "Install" and complete the installation
03. Navigate to the "C:\Arma\Installs\Vcredist" folder and execute "2_vcredist_x86.exe"
04. Accept Agreement, click "Install" and complete the installation

05. IMPORTANT

Run Windows Update and install the latest Visual C++ Redistributable for Visual Studio 2015 for both 32 and 64bit. If you run into dll issues this is most likely the cause

| | | | | |
|--|-----------------------|------------|---------|----------------|
|  Microsoft Visual C++ 2008 Redistributable - x64 9.0.30729.6161 | Microsoft Corporation | 12/12/2015 | 13.2 MB | 9.0.30729.6161 |
|  Microsoft Visual C++ 2008 Redistributable - x86 9.0.30729.4148 | Microsoft Corporation | 12/12/2015 | 10.1 MB | 9.0.30729.4148 |
|  Microsoft Visual C++ 2013 Redistributable (x64) - 12.0.30501 | Microsoft Corporation | 12/12/2015 | 20.5 MB | 12.0.30501.0 |
|  Microsoft Visual C++ 2013 Redistributable (x86) - 12.0.30501 | Microsoft Corporation | 12/12/2015 | 17.1 MB | 12.0.30501.0 |
|  Microsoft Visual C++ 2015 Redistributable (x64) - 14.0.23026 | Microsoft Corporation | 12/12/2015 | 24.2 MB | 14.0.23026.0 |
|  Microsoft Visual C++ 2015 Redistributable (x86) - 14.0.23026 | Microsoft Corporation | 12/12/2015 | 20.5 MB | 14.0.23026.0 |

<https://www.microsoft.com/en-za/download/details.aspx?id=48145>

STEP 06: EXILE INSTALLATION

01. Download and extract 1.0.4 Client to the "C:\Arma\Server" directory
02. Download 1.0.4 Server and extract the @ExileServer-1.0.4 \Arma 3 Server\ folder's content to the "C:\Arma\Server" directory
03. Also, extract the @ExileServer-1.0.4\MySQL" folder to the "C:\Arma\Server" directory
04. Navigate to "C:\Arma\Server\@ExileServer" and edit "config.cfg" with Notepad++
Edit the following field to your liking:
 - hostname (Your server name that will be represented online)
 - password (Use only if you wish to protect your server)
 - passwordAdmin (Used for admin functions in game)
 - serverCommandPassword (Used to access server settings)
 - maxPlayers (Server player limit)
 - persistent (Should be set to "1" for the use of autoinit in you server launch commands)
05. Change the "requiredBuild" (With each Arma3 update you will need to adjust this)
06. To change maps, scroll down to "class Missions" and change between:
"template = Exile.Tanoa" (Only if you have Apex build installed)

"template = Exile.Altis" (Default Exile Map)

07. Save and overwrite "config.cfg"

08. Navigate to "C:\Arma\Server\@ExileServer" and edit "extdb-conf.ini" with Notepad++

Edit the following fields:

[exile]

Type = MySQL

Name = exile (Schema name for Exile database)

Username = busybee (MySQL user account to access exile database)

Password = abc123! (MySQL password to access exile database)

IP = 127.0.0.1 (Change if MySQL installation resides on different machine)

09. Save and overwrite "extdb-conf.ini"

10. Navigate to "C:\Arma\Server\@ExileServer\addons"

11. Right click "exile_server_config.pbo" select last option under Pbo Manager menu

12. Navigate to "C:\Arma\Server\@ExileServer\addons\exile_server_config"

13. Edit "config.cpp" with Notepad++

14. Scroll to line below sections of the document and edit the fields as you require:

CONSTRUCTION:

- permanentlyDeleteTime= 3
(Remove all deleted items from the database after X days)
- territoryLifeTime= 7
(Days before unpaid territory is removed)
- containerLifeTime = 10
(Days before territory containers are removed)
- constructionLifeTime = 2
(Days before construction outside of territory gets removed. Workbench for example)
- vehicleLifeTime = 3
(Days before unused vehicles are removed)
- abandonedTime = 7
(Set safe as abandoned)
- stolenFlagLifeTime= 3
(Deletes a base X days after the flag is stolen)
- unlockLifeTime= 2
(pins to 0000 and marks safes to abandoned X days after the flag is stolen)

VEHICLES:

- vehiclesGridSize = 2200
(Grid size for vehicles spawns)
- vehiclesGridAmount = 2
(Amount of vehicles to spawn in each grid configured above)
- vehiclesDebugmarkers = 0
(Creates global markers for debugging)
- damageChance = 20%

- (Chance for a vehicle HITPOINT to be damaged)
- `maximumDamage = 0.9`
(Total amount of damage that can be applied when spawning a vehicle)
- `nightVision = 1`
(Enables or disables night vision optics on ALL vehicles)
- `thermalVision = 0`
(Enables or disables thermal optics on ALL vehicles)
- `unlockInSafeZonesAfterRestarts = 0`
(Set this to 1 to unlock vehicles on server boot if they are in safe zones)

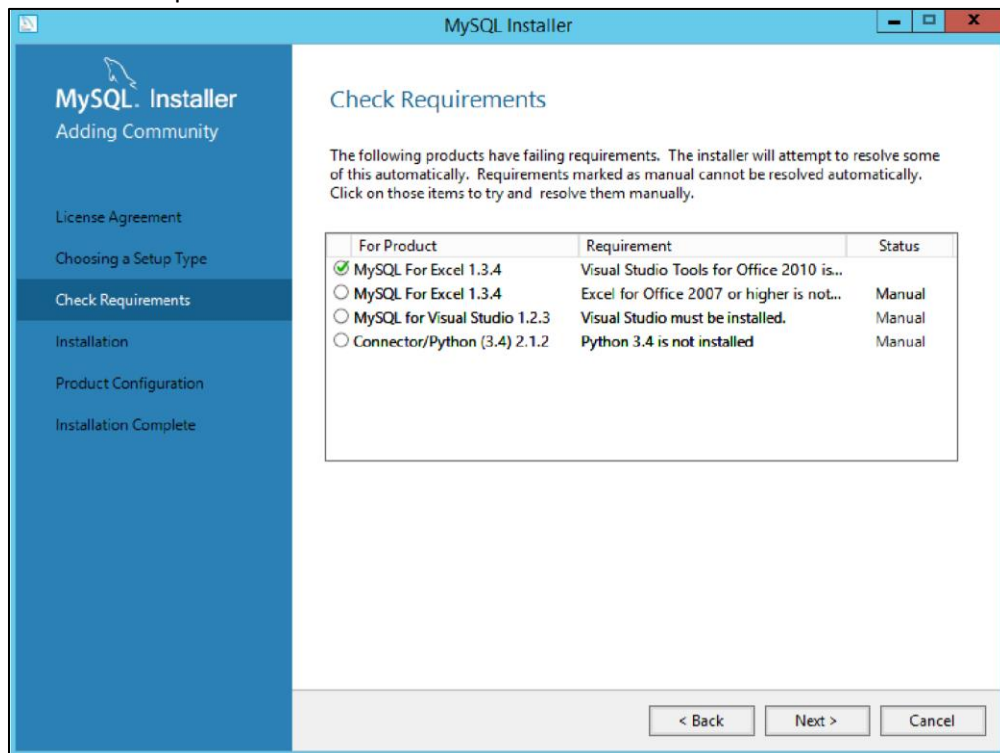
SERVER SETTINGS:

- `serverPassword = *`
(Use servercommandpassword set in point 4)
- `useAutoLock = 1`
(Autolocks server until its ready to accept players)
- `restartAutoLock = 3`
(Server will autoLock at that time before restart)
- `restartTimer[] = {3,0}`
(Number of hours and minutes of your restart period)
- `useAutoKick = 1`
(Kicks players before restart to prevent gear loss)
- `kickTime = 2`
(Time before restart that server kicks players)
- `useRestartMessages = 0`
(Notifies players of server restart)
- `restartWaringTime [] = {15, 10, 5, 3}`
(Number of minutes before the restart to inform your players)
- `useShutdown = 1`
(Forces server to shut down and close completely)
[Startup script provided in this guide will restart the server!!!!](#)

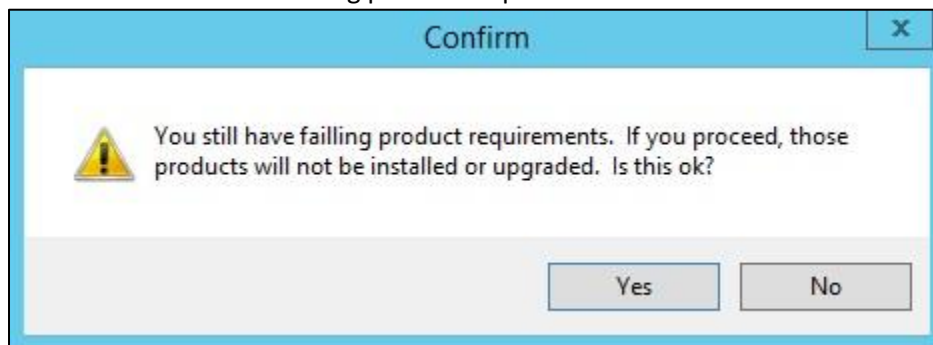
15. Save and overwrite "config.cpp" file.
16. Navigate to "C:\Arma\Server\@ExileServer\addons"
17. Right click folder "exile_server_config" and select the first option under Pbo Manager menu
18. Delete folder "exile_server_config"

STEP 07: MYSQL INSTALLATION

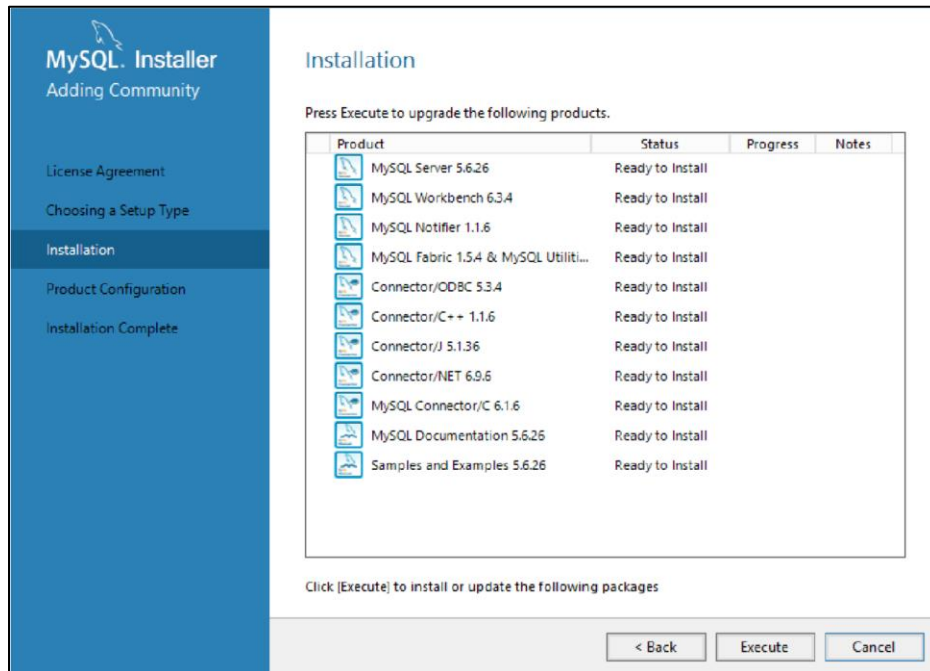
01. Navigate to "C:\Arma\Installs\My SQL" folder and execute the MySQL Installer
02. Accept Agreement, click "Next"
03. Select Setup type as Full and click "Next"
04. MySQL might report on failed requirements, click "Execute" for the installer to fix missing or broken requirements. You might be asked to install and/or repair previously installed components
05. Complete these installations to continue. Not all requirements will be fixed and you do not have to fix requirements with a "Manual" status



06. Once the components have been installed click "Next"
07. You will be notified about failing product requirements click "Yes"



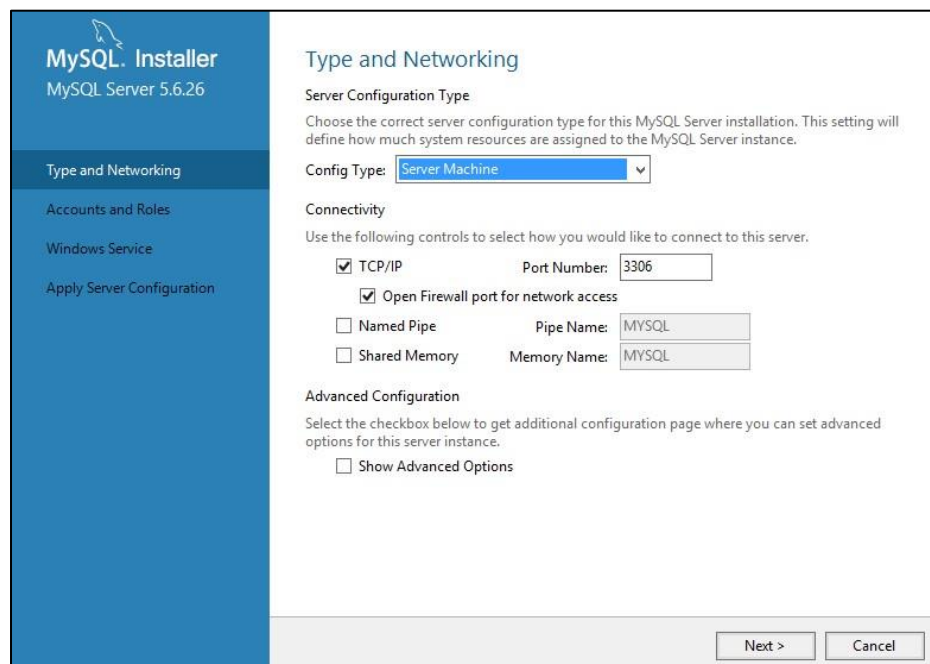
08. Click “Execute” to proceed with installation



09. Click “Next” twice to start the SQL Configuration

10. Select “Config Type” as “Server Machine” and leave remaining details as default

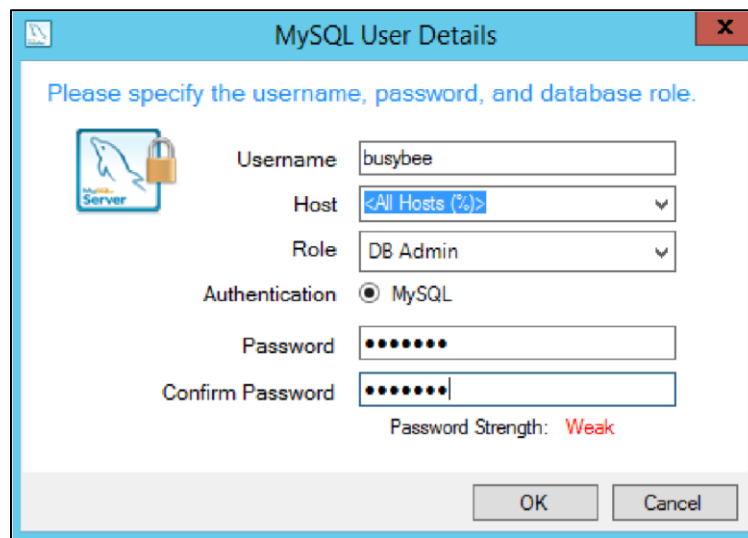
11. Click “Next”



12. Configure SQL Root Password (Something you can remember)

13. Click “Add User” and enter details below and click “OK”

- Username: busybee
- Password: abc123!

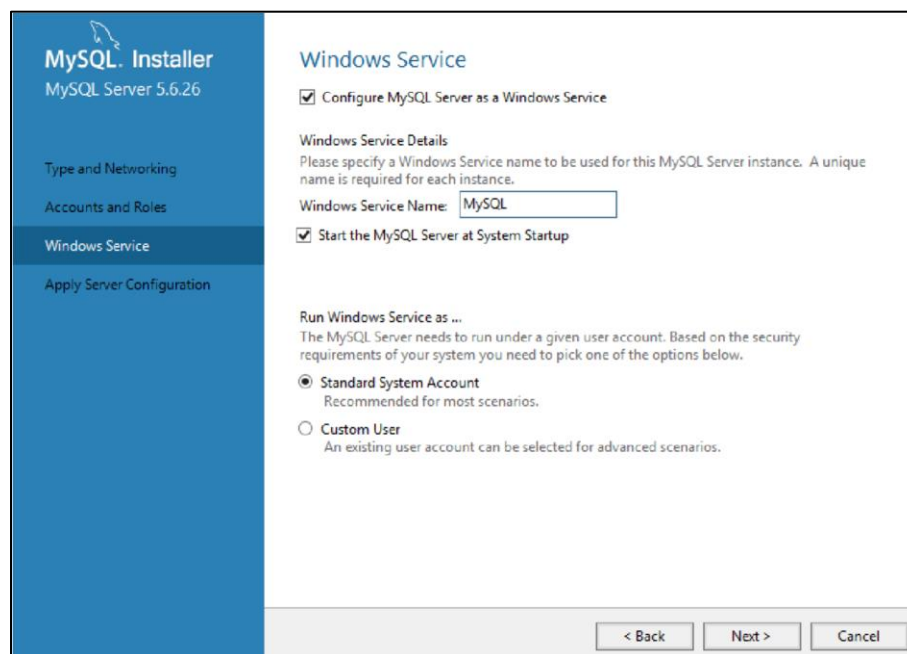


The image shows a Windows dialog box titled "MySQL User Details". It contains the following fields and options:

- Username:** busybee
- Host:** <All Hosts (*)>
- Role:** DB Admin
- Authentication:** MySQL (selected with a radio button)
- Password:** [masked with dots]
- Confirm Password:** [masked with dots]
- Password Strength:** Weak (displayed in red text)
- Buttons:** OK and Cancel

14. Click “Next” to accept MySQL Account and Roles

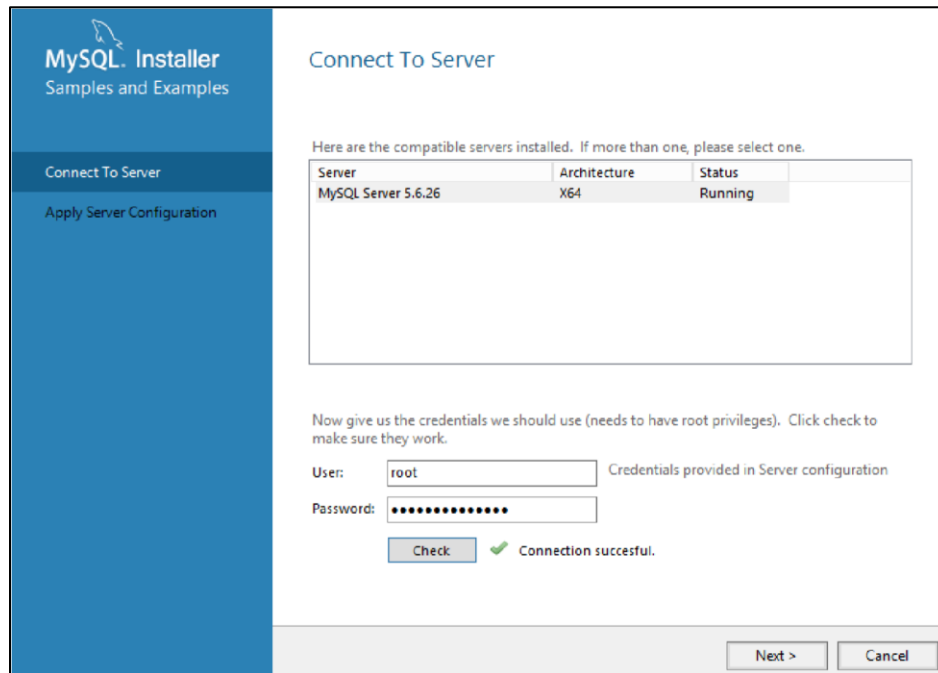
15. Click “Next”



The image shows the "MySQL Installer" window for MySQL Server 5.6.26. The "Windows Service" tab is selected in the left sidebar. The main content area shows the following configuration options:

- Configure MySQL Server as a Windows Service:** Checked
- Windows Service Details:**
 - Please specify a Windows Service name to be used for this MySQL Server instance. A unique name is required for each instance.
 - Windows Service Name:** MySQL
- Start the MySQL Server at System Startup:** Checked
- Run Windows Service as ...**
 - The MySQL Server needs to run under a given user account. Based on the security requirements of your system you need to pick one of the options below.
 - Standard System Account:** Selected (Recommended for most scenarios).
 - Custom User:** (An existing user account can be selected for advanced scenarios).
- Buttons:** < Back, Next >, Cancel

16. Click "Execute" to proceed with the MySQL installation
17. Click "Finish" to complete
18. Click "Next" to proceed with the product configuration
19. Click "Check to verify connection to the database
20. Click "Next" to proceed



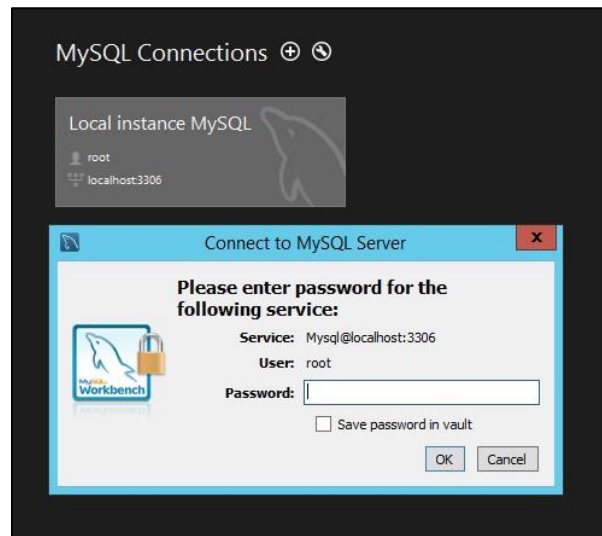
21. Click "Execute" to proceed with the installation
22. Click "Finish" to complete
23. Click "Next" and the "Finish" to start MySQL Workbench
24. Minimize MySQL Workbench
25. Use keyboard shortcut (WinKey + R)
26. Enter "services.msc" and click "Ok"
27. Search for "MySQL57", right click and stop service (Keep window open)
28. Enable hidden files in Explorer and navigate to "C:\ProgramData\MySQL\MySQL Server 5.7"
29. Right click "my.ini" and select "Edit with Notepad++"
30. Scroll down to and change the following text:

```
FROM
# Set the SQL mode to strict
sql-mode="STRICT_TRANS_TABLES,NO_AUTO_CREATE_USER,NO_ENGINE_SUBSTITUTION"

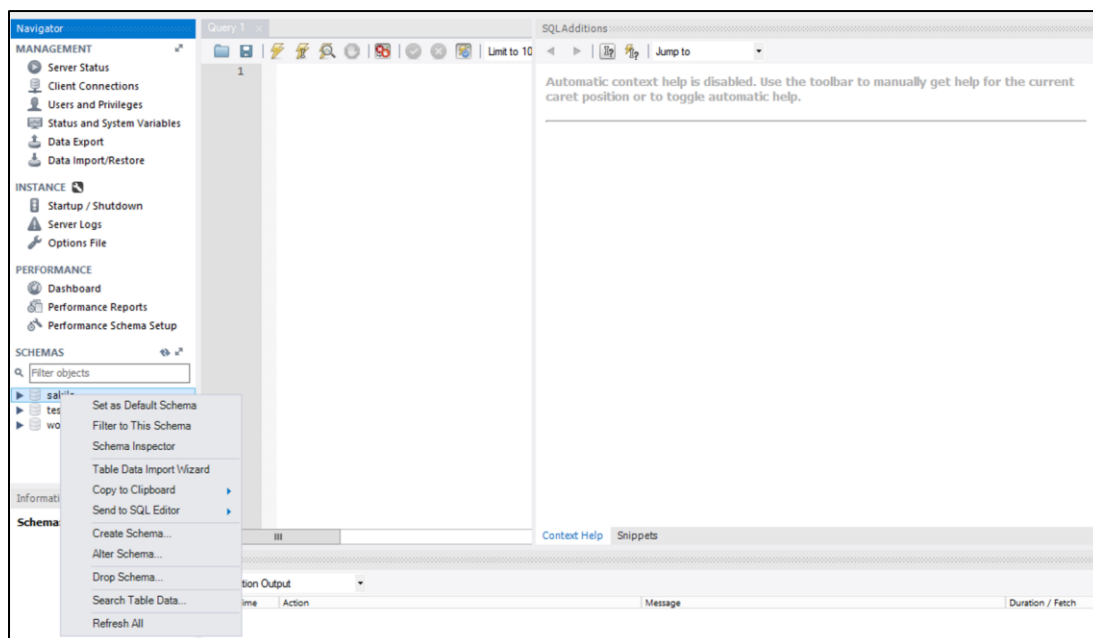
TO
# Set the SQL mode to strict
sql-mode=""
```

31. Save and overwrite "my.ini"
32. Go back to "services.msc". Right click "MySQL" and Start service.


33. Open MySQL Workbench and double click “Local Instance MySQL” and enter root password as configured in step 12




34. In the left-hand pane under “Schemas” right click each schema and select “Drop Schema”. If prompted select “Drop Now” to continue (Schema List: sakila,test and world)




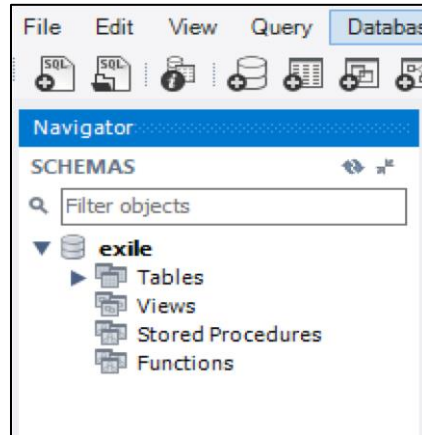
35. Underneath the “File” tab, click the “Create new SQL query icon

36. Once new query is created click the open file icon 

37. Navigate to “C:\Arma\Server\mysql” directory and select to open the “exile.sql” file

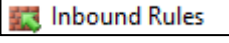
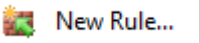
38. Once file has been added, execute query by clicking run icon 

39. Refresh the Schema list by clicking the rotating arrow 



40. Close MySQL Workbench

STEP 08: CONFIGURE SERVER FIREWALL

01. Press the Window key and search for "Windows Firewall with Advance Security"
02. Lunch "Windows Firewall with Advance Security"
03. In the Left pane select "Inbound Rules" 
04. In the Right pane select "New Rule..." 
05. In the "Rule Wizard" windows select "Program" and click "Next"
06. Click "Browse" and navigate to "C:\Arma\Server\"
07. Select and open "arma3server.exe"
08. Click "Next"
09. Select "Allow the connection" and click "Next"
10. Select "Domain", "Private" and "Public". Click "Next"
11. Enter rule name (Arma Inbound)
12. Click Finish
13. Repeat steps 1 to 12 in the "Outbound Rules" section on the left pane
14. Close "Windows Firewall with Advance Security"

STEP 09: CONFIGURE SERVER LAUNCH

15. Navigate to "C:\Arma\Server" and edit "Exile Auto Start.bat" with Notepad++

16. Change the following detail:

- All paths to be updated if you have selected to install in directories other than the guide
- If you are running the "Namalsk" map, you need to add "@Namalsk" to mod list:
"-mod=@exile;Kart;Mark;Heli;@Namalsk"
- If you are running the "Altis" map, you do not need to add anything to mod list

If you are running the server on a vps or dedicated host you do not require the "-ip=" command

STEP 10: START SERVER

You have now completed the server install and configuration. All that is left is to run the

"Exile Auto Start.bat" file

UPGRADE FROM 1.0.3 LEMON TO 1.0.4 PINEAPPLE

Before starting this upgrade please ensure that you have made a full backup of your server directory as well as the Database (Always a good idea when implementing changes)

IMPORTANT

If you have installed mods to your server, you will have to reinstall them after the upgrade to test which works with 1.0.4. You can find the latest install instructions from their respective sources.

This upgrade does require an update to the Database (schema). If you wish to wipe your DB, delete the "exile" schema and recreate it by following Step 07 p.33 of this guide.

IF you made changes to your Traders or the mission.pbo file you will have to merge the backup file with the new one (Goodluck)

Before continuing please ensure that you have made a full backup of the following folders. The necessary files can be used to copy configuration settings back into the new files accordingly.

- C:\Arma\Server\@ExileServer (Use to reconfigure new files)
- C:\Arma\Server\mpmissions (Use to reconfigure mod files)
- C:\Arma\Server\battleye (Use to reconfigure mod files)
- C:\Arma\Mods Folders (Use to reconfigure mod files)

19. Download and extract 1.0.4 Client to the "C:\Arma\Server" directory
20. Download 1.0.4 Server and extract the @ExileServer-1.0.4 \Arma 3 Server\ folder's content to the "C:\Arma\Server" directory
21. Also, extract the @ExileServer-1.0.4 \MySQL" folder to the "C:\Arma\Server" directory
22. Navigate to "C:\Arma\Server\@ExileServer" and edit "config.cfg" with Notepad++

Restore the following field from your backup file:

- hostname (Your server name that will be represented online)
 - password (Use only if you wish to protect your server)
 - passwordAdmin (Used for admin functions in game)
 - serverCommandPassword (Used to access server settings)
 - maxPlayers (Server player limit)
 - persistent (Should be set to "1" for the use of autoinit in you server launch commands)
23. Change the "requiredBuild" (With each Arma3 update you will need to adjust this)
 24. To change maps, scroll down to "class Missions" and change between:
"template = Exile.Tanoa" (Only if you have Apex build installed)
"template = Exile.Altis" (Default Exile Map)
 25. Save and overwrite "config.cfg"

26. Navigate to "C:\Arma\Server\@ExileServer" and edit "extdb-conf.ini" with Notepad++

Restore the following field from your backup file:

Type = MySQL

Name = exile (Schema name for Exile database)

Username = busybee (MySQL user account to access exile database)

Password = abc123! (MySQL password to access exile database)

IP = 127.0.0.1 (Change if MySQL installation resides on different machine)

27. Save and overwrite "extdb-conf.ini"

28. Navigate to "C:\Arma\Server\@ExileServer\addons"

29. Right click "exile_server_config.pbo" select last option under Pbo Manager menu

30. Navigate to "C:\Arma\Server\@ExileServer\addons\exile_server_config"

31. Edit "config.cpp" with Notepad++

32. Scroll to line below sections of the document and

Restore the following field from your backup file:

CONSTRUCTION:

- permanentlyDeleteTime= 3
(Remove all deleted items from the database after X days)
- territoryLifeTime= 7
(Days before unpaid territory is removed)
- containerLifeTime = 10
(Days before territory containers are removed)
- constructionLifeTime = 2
(Days before construction outside of territory gets removed. Workbench for example)
- vehicleLifeTime = 3
(Days before unused vehicles are removed)
- abandonedTime = 7
(Set safe as abandoned)
- stolenFlagLifeTime= 3
(Deletes a base X days after the flag is stolen)
- unlockLifeTime= 2
(pins to 0000 and marks safes to abandoned X days after the flag is stolen)

VEHICLES:

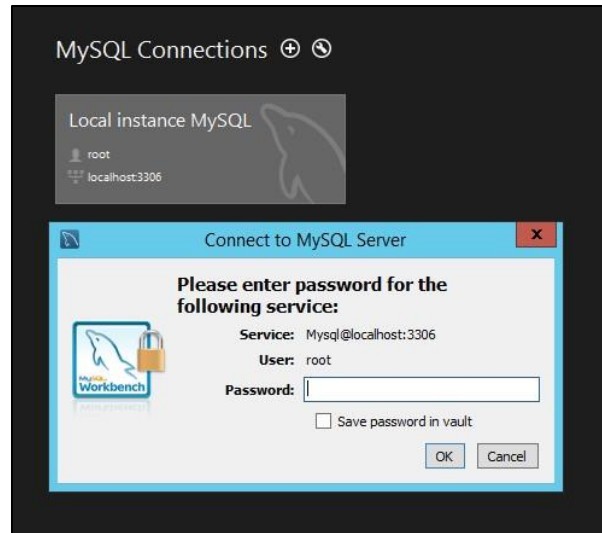
- vehiclesGridSize = 2200
(Grid size for vehicles spawns)
- vehiclesGridAmount = 2
(Amount of vehicles to spawn in each grid configured above)
- vehiclesDebugmarkers = 0
(Creates global markers for debugging)
- damageChance = 20%
(Chance for a vehicle HITPOINT to be damaged)

- `maximumDamage = 0.9`
(Total amount of damage that can be applied when spawning a vehicle)
- `nightVision = 1`
(Enables or disables night vision optics on ALL vehicles)
- `thermalVision = 0`
(Enables or disables thermal optics on ALL vehicles)
- `unlockInSafeZonesAfterRestarts = 0`
(Set this to 1 to unlock vehicles on server boot if they are in safe zones)

SERVER SETTINGS:

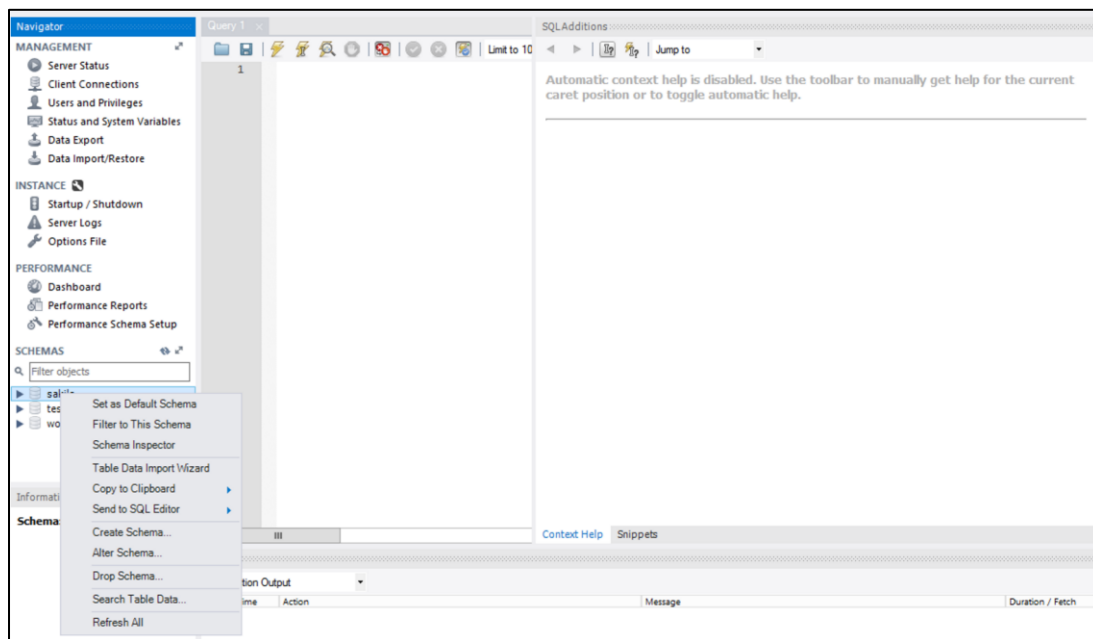
- `serverPassword = *`
(Use servercommandpassword set in point 4)
- `useAutoLock = 1`
(Autolocks server until its ready to accept players)
- `restartAutoLock = 3`
(Server will autoLock at that time before restart)
- `restartTimer[] = {3,0}`
(Number of hours and minutes of your restart period)
- `useAutoKick = 1`
(Kicks players before restart to prevent gear loss)
- `kickTime = 2`
(Time before restart that server kicks players)
- `useRestartMessages = 0`
(Notifies players of server restart)
- `restartWaringTime [] = {15, 10, 5, 3}`
(Number of minutes before the restart to inform your players)
- `useShutdown = 1`
(Forces server to shut down and close completely)
Startup script provided in this guide will restart the server!!!!


33. Save and overwrite "`config.cpp`" file.
34. Navigate to "`C:\Arma\Server\@ExileServer\addons`"
35. Right click folder "`exile_server_config`" and select the first option under Pbo Manager menu
36. Delete folder "`exile_server_config`"
37. Open MySQL Workbench and double click "Local Instance MySQL" and enter root password




38. In the left-hand pane under “Schemas” double click the “exile” scheme


39. Underneath the “File” tab, click the “Create new SQL query icon

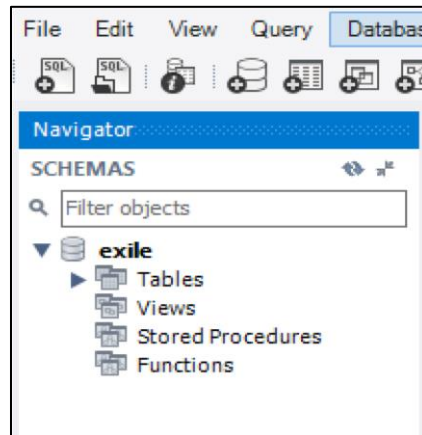


40. Once new query is created click the open file icon 

41. Navigate to “C:\Arma\Server\MySQL” directory and select to open the “upgrade-1.0.3-1.0.4” file

42. Once file has been added, execute query by clicking run icon 

43. Refresh the Schema list by clicking the rotating arrows 



44. Close MySQL Workbench

You have now completed the server upgrade and configuration. All that remains is to restore your mods and run the

“[Exile Auto Start.bat](#)” file