

Nicaw AAC

Tutorial for starting SQL OTServ on Windows OS

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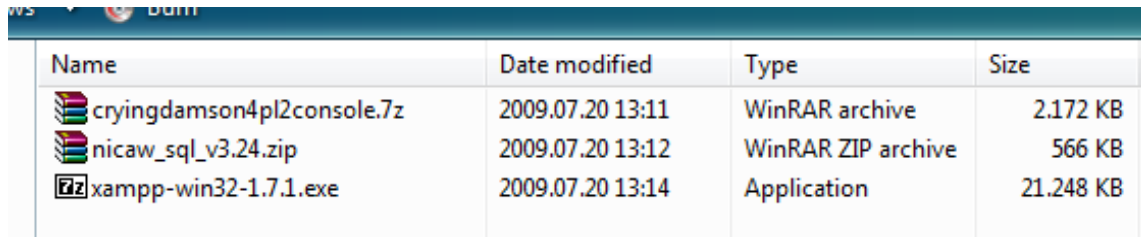
Introduction




This tutorial contains step by step instructions on installing OTServ with website based account manager. When writing it I assume the reader is familiar with basic operations such as file editing, extracting and using basic windows applications. Knowledge of SQL, PHP, HTML and LUA would be an advantage, but it's not essential.

Preparation

Software

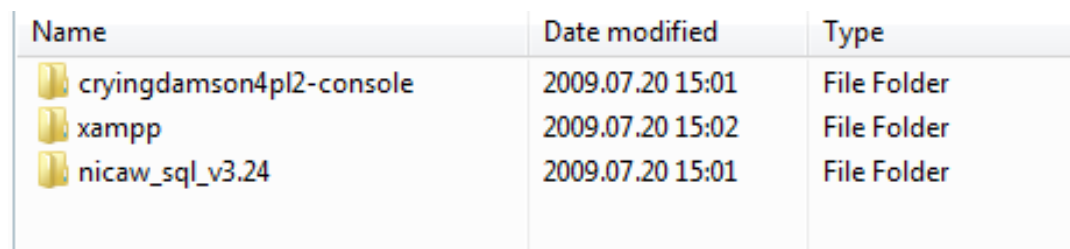
In this tutorial I'm using WinVista OS, TFS 0.3.4PL2, Nicaw AAC SQL-3.24 and XAMPP Windows 1.7.1. Other configurations are of course possible, though the steps to install them might be somewhat different.






Name	Date modified	Type	Size
 cryingdamson4pl2console.7z	2009.07.20 13:11	WinRAR archive	2.172 KB
 nicaw_sql_v3.24.zip	2009.07.20 13:12	WinRAR ZIP archive	566 KB
 xampp-win32-1.7.1.exe	2009.07.20 13:14	Application	21.248 KB

Files

I will first extract the listed files to separate folders. Now got something like this:



Name	Date modified	Type
 cryingdamson4pl2-console	2009.07.20 15:01	File Folder
 xampp	2009.07.20 15:02	File Folder
 nicaw_sql_v3.24	2009.07.20 15:01	File Folder

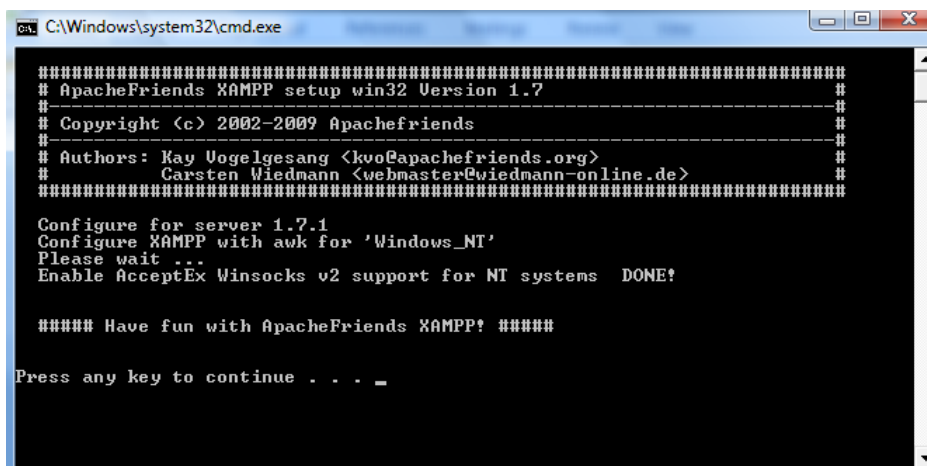
Now perform the following:

1. Delete the contents of xampp/htdocs/
2. Copy contents of nicaw_sql_v3.24/ to xampp/htdocs/

Configuring webserver

Install XAMPP

XAMPP is your webserver. It will host MySQL database and Apache HTTPd. Start with launching xampp/setup_xampp.bat. You will see a black window:

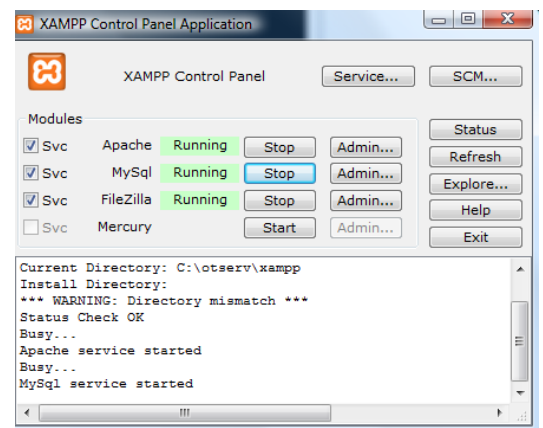


```
C:\Windows\system32\cmd.exe
#####
# ApacheFriends XAMPP setup win32 Version 1.7
#
# Copyright (c) 2002-2009 ApacheFriends
#
# Authors: Kay Vogelgesang <kvo@apachefriends.org>
#          Carsten Wiedmann <webmaster@wiedmann-online.de>
#####
Configure for server 1.7.1
Configure XAMPP with awk for 'Windows_NT'
Please wait ...
Enable AcceptEx Winsocks v2 support for NT systems  DONE!

##### Have fun with ApacheFriends XAMPP! #####

Press any key to continue . . . _
```

Press any key to close it. Now open xampp/xampp-control.exe. Check Svc boxes next to Apache and MySQL, then click start button. It will take several seconds to startup. If it doesn't start, however, make sure no other application is using port 80 (shutdown Teamviewer and Skype if you have them). In the end it should look like the image, except FileZilla doesn't have to be on.



XAMPP Configuration

Open <http://127.0.0.1/security/> in your browser. Select the language on the left.

Every XAMPP demo page you are right now looking at is accessible for everyone over network. Everyone who knows your IP address can see these pages.

The MySQL admin user root has NO password
Every local user on Windows box can access your MySQL database with administrator rights. You should set a password.

PhpMyAdmin is free accessible by network
PhpMyAdmin is accessible by network without password. The configuration 'httpd' or 'cookie' in the "config.inc.php" can help.

The FileZilla FTP password was changed

PHP is NOT running in "safe mode"
If do you want to offer PHP executions for outside persons, please think about a "safe mode" configuration. But for standalone developer we recommend NOT the "safe mode" configuration because some important working then. [More Info](#)

A POP3 server like Mercury Mail is not running or is blocked by a firewall!
A POP3 server like Mercury Mail is not running or is blocked by a firewall!

The green marked points are secure; the red marked points are definitely unsecure and the yellow marked points couldn't be checked (for example because the software to check isn't running)
To fix the problems for mysql, phpmysql and the xampp directory simply use
=> <http://localhost/security/xamppsecurity.php> <= [allowed only for localhost]

Click on link <http://127.0.0.1/security/xamppsecurity.php>

to set you root password. This is the password for MySQL database, where all players will be saved. Enter your password and click 'Password changing'. You will be asked to restart MySQL. Click stop and start button again in XAMPP control. XAMPP webserver is now ready to use. Visit <http://127.0.0.1/>

to test it. You should now see:

Security console MySQL & XAMPP directory protection

MYSQL SECTION: "ROOT" PASSWORD

MySQL SuperUser: **root**

New password:

Repeat the new password:

PhpMyAdmin authentication: http cookie

---- Security risk! ----
Safe plain password in text file?
(File: C:\otserv\xampp\security\security\mysqlrootpasswd.txt)

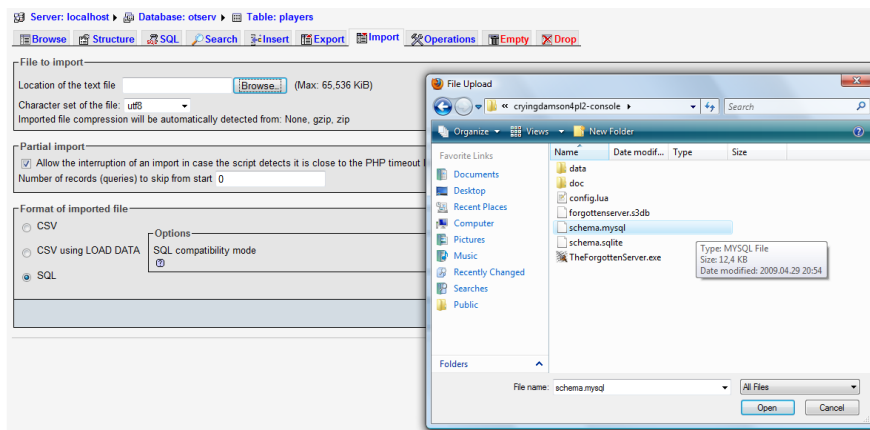
```
Mozilla Firefox
File Edit View History Bookmarks Tools Help
http://127.0.0.1/admin.php
[8.41/42] The Forgotten Se... x Search Engine: - Google A... x Nicaw AAC x Upload Files / cryingdams... x sf Do
Unable to select database: otserv2. Make sure it exists. More Info
sql.php on line: 40
Script was terminated because something unexpected happened. You can report this, if you think it's a bug.
Debug Backtrace:Disabled
```

Install database

As you see account manager is not quite ready. First we need to configure database. Go to <http://127.0.0.1/phpmyadmin/> and login with your root password. Firstly create a new database:



Name your database 'otserv' and click Create button. To finish database installation we need to import two files. Open Import tab and locate cryingdamson4p12-console/schema.mysql file.



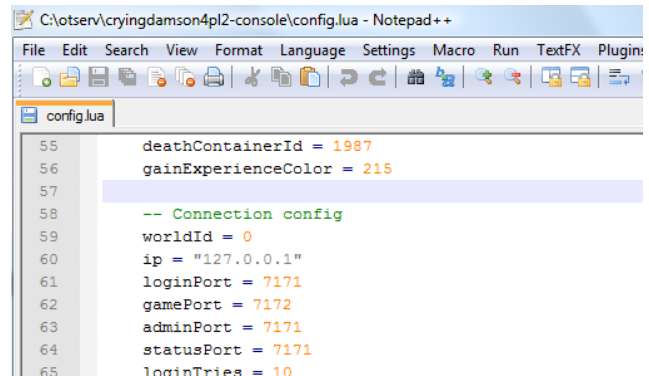
Depending on the server distribution your file might be named differently, usually it's <servername>.sql. Import is successful with this version of XAMPP, however it might not work with older versions (where import has to be done via command line).

The second file you need to import is account maker schema. In this case it's nicaw_sql_v3.24\documents\shema.mysql. Again it might be named differently (database.sql for example).

The database is now ready to use!

OTServ configuration

Let's start with opening cryingdamson4pl2-console/config.lua in your favorite text editor. I highly recommend [Notepad++](#), because in my case the config file is in Unix format which Windows notepad is unable to handle correctly. CTRL + F to 'Connection config'



```
C:\otserv\cryingdamson4pl2-console\config.lua - Notepad++
File Edit Search View Format Language Settings Macro Run TextFX Plugin
55 deathContainerId = 1987
56 gainExperienceColor = 215
57
58 -- Connection config
59 worldId = 0
60 ip = "127.0.0.1"
61 loginPort = 7171
62 gamePort = 7172
63 adminPort = 7171
64 statusPort = 7171
65 loginTries = 10
```

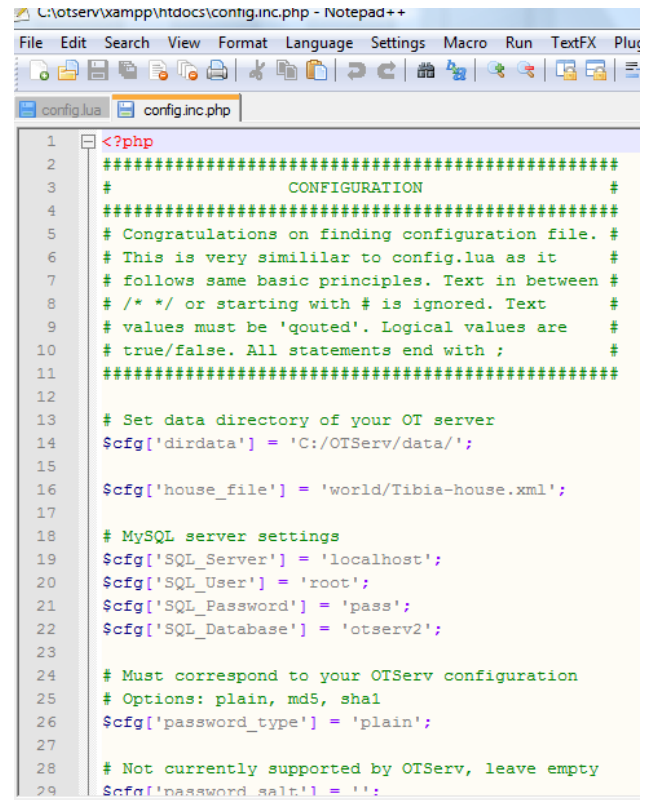
Here you need to change IP address, so instead of 127.0.0.1 you would write your external IP. If you don't know your external IP google for 'what is my IP'. Next CTRL + F to 'Database'. Here you need to set connection parameters for your MySQL database:

```
sqlType = "mysql"
sqlHost = "localhost"
sqlPort = 3306
sqlUser = "root"
sqlPass = "[your root password]"
sqlDatabase = "otserv"
```

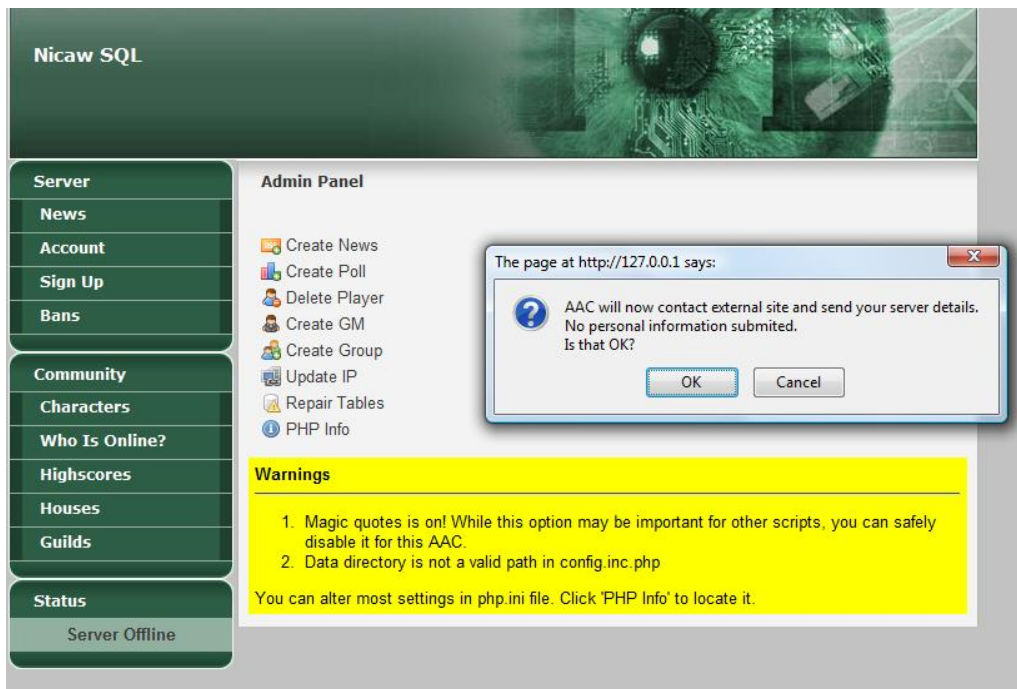
Server is now ready to connect to MySQL database; however you should spend more time to explore config.lua by yourself.

AAC configuration

Open `xampp/htdocs/config.inc.php` in your text editor. Here it's the same deal as with `config.lua`. Enter the root password and set `SQL_Database` to `otserv`. `Dirdata` is the location of your server data folder, be careful when changing it as backslashes `/` are directory separators. Scroll down to set vocations and towns you will use. To enable/disable certain vocation or town set `['enabled'] = true`; or `['enabled'] = false`; All options are pretty much self explanatory so take your time to read comments. AAC is now ready to use! Go to <http://127.0.0.1/> and click OK on the confirmation box:



```
1 <?php
2 #####
3 # CONFIGURATION #
4 #####
5 # Congratulations on finding configuration file. #
6 # This is very similar to config.lua as it #
7 # follows same basic principles. Text in between #
8 # /* */ or starting with # is ignored. Text #
9 # values must be 'quoted'. Logical values are #
10 # true/false. All statements end with ; #
11 #####
12
13 # Set data directory of your OTSrv server
14 $cfg['dirdata'] = 'C:/OTServ/data/';
15
16 $cfg['house_file'] = 'world/Tibia-house.xml';
17
18 # MySQL server settings
19 $cfg['SQL_Server'] = 'localhost';
20 $cfg['SQL_User'] = 'root';
21 $cfg['SQL_Password'] = 'pass';
22 $cfg['SQL_Database'] = 'otserv2';
23
24 # Must correspond to your OTSrv configuration
25 # Options: plain, md5, sha1
26 $cfg['password_type'] = 'plain';
27
28 # Not currently supported by OTSrv, leave empty
29 $cfg['password_salt'] = '';
```



Nicaw SQL

Server

- News
- Account
- Sign Up
- Bans

Community

- Characters
- Who Is Online?
- Highscores
- Houses
- Guilds

Status

Server Offline

Admin Panel

- Create News
- Create Poll
- Delete Player
- Create GM
- Create Group
- Update IP
- Repair Tables
- PHP Info

Warnings

1. Magic quotes is on! While this option may be important for other scripts, you can safely disable it for this AAC.
2. Data directory is not a valid path in config.inc.php

You can alter most settings in php.ini file. Click 'PHP Info' to locate it.

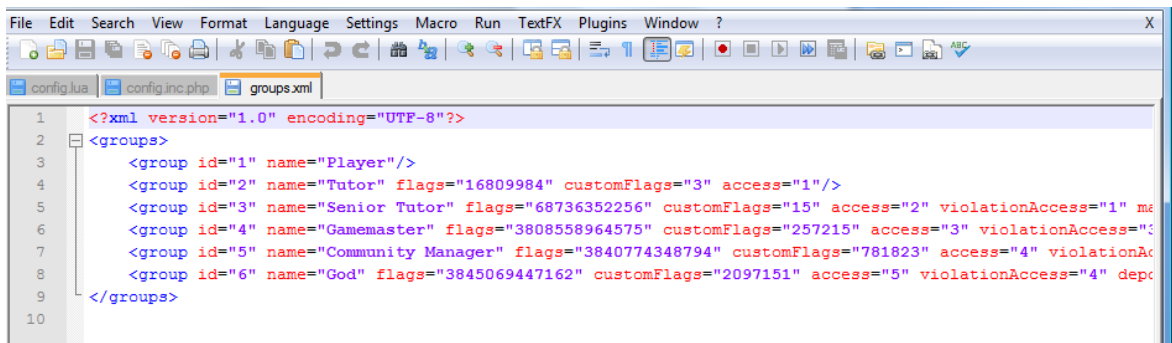
The page at <http://127.0.0.1> says:

AAC will now contact external site and send your server details. No personal information submitted. Is that OK?

OK Cancel

Creating first character

Navigate to registration page and fill the form. You will then be able to login to your account and create the first character. You will probably want to become Gamemaster on your server. For that we need to know what groups the server has. In my case its cryingdamson4pl2-console\data\XML\groups.xml :

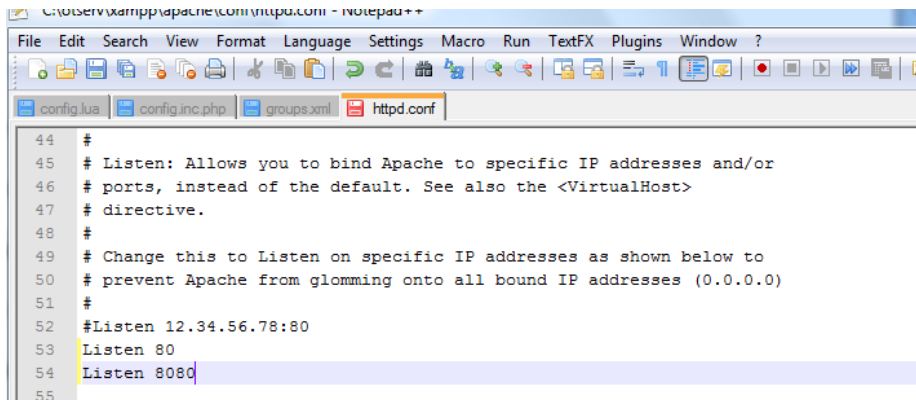


```
1 <?xml version="1.0" encoding="UTF-8"?>
2 <groups>
3   <group id="1" name="Player"/>
4   <group id="2" name="Tutor" flags="16809984" customFlags="3" access="1"/>
5   <group id="3" name="Senior Tutor" flags="68736352256" customFlags="15" access="2" violationAccess="1" ma
6   <group id="4" name="Gamemaster" flags="3808558964575" customFlags="257215" access="3" violationAccess="3
7   <group id="5" name="Community Manager" flags="3840774348794" customFlags="781823" access="4" violationAc
8   <group id="6" name="God" flags="3845069447162" customFlags="2097151" access="5" violationAccess="4" depc
9 </groups>
10
```

In other servers it is stored in database. <http://127.0.0.1/phpmyadmin/> and look for groups table, once you open it click `Browse` tab to see available groups. To assign a group to player go to players table, locate the player and edit his group_id.

Port forwarding

It is usual for a household to share common internet connection via router. If that's your case then you will probably need to forward ports 80 and 7171 to your external IP address. Because of all the different gateway devices it is impossible to explain in detail how to open the ports. Check <http://portforward.com/> for your model configuration. Some routers will not allow forwarding of port 80. To switch to alternative port open xampp/apache/conf/httpd.conf in text editor. CTRL + F to `Listen`. After `Listen 80` add new line `Listen 8080` as shown in image. Port 8080 will be alternative for you webserver. You would then access your website at <http://127.0.0.1:8080/>



```
44 #
45 # Listen: Allows you to bind Apache to specific IP addresses and/or
46 # ports, instead of the default. See also the <VirtualHost>
47 # directive.
48 #
49 # Change this to Listen on specific IP addresses as shown below to
50 # prevent Apache from glomming onto all bound IP addresses (0.0.0.0)
51 #
52 #Listen 12.34.56.78:80
53 Listen 80
54 Listen 8080
55
```

More information

Additional info can be found at <http://otfans.net/> tutorials sections. Different tutorials explore different aspects in greater detail. You can always post questions at OpenTibia support or email AAC related issues to mail@nicaw.net.