

Setup OCS Inventory 1.0 RC3-1 under Windows with d'Apache 2.0 and MySQL 4.1 already installed

This document explains how to setup OCS Inventory NG Server under Windows without setting up XAMPP, but using existing Apache and MySQL installation.

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1 Components to download

We assume that Apache 2.0 and Mysql 4.1 are already installed.

Download and unpack the following packages :

- OCS Inventory NG Server for Linux in folder <<OCS_FOLDER>>
- OCS Inventory NG Agent for Windows in folder <<AGENT_FOLDER>>
- ActivePerl (<http://www.activestate.com>)
- NMake (<http://support.microsoft.com/default.aspx?scid=kb;en-us;Q132084>)

In this document, extract folder for files will be named <<InstallFolder>>

2 Installing PERL

Run ActivePerl setup, using default parameters.

Copy files `nmake.err` and `nmake.exe` in folder `C:\Perl\bin`

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3 Installing PERL modules

Needed PERL module list is available in file README from folder <<InstallFolder>>/<<OCS_FOLDER>>/README :

- XML::Simple
- Compress:Zlib
- DBI
- DBD::Mysql
- Apache::DBI
- Net::IP

Some PERL module are already installed with ActivePerl. To view list of installed PERL modules, run command ppm to open PERL package manager. By default, DBI, XML::Simple and Compress::Zlib are already installed.

Ensure that module version are greater than the required once listed in README.

To setup the other modules, you just have to run the following command (need Internet connection) :

```
ppm instal <<package_name>> (take care to the case).
```

```
For example : ppm install DBD:Mysql
```

```
                ppm install Apache::DBI
```

```
                ppm install Net::IP
```

4 Installing mod_perl for Apache

4.1 Downloading mod_perl

Just run (need Internet connection) :

```
ppm install http://theoryx5.uwinnipeg.ca/ppms/mod\_perl.ppd
```

During the install process, you will be asked for Apache module folder, where to copy mod_perl.so file.

For more informations about mod_perl setup, refer to :

http://perl.apache.org/docs/2.0/os/win32/install.html#PPM_Packages

4.2 Configuring Apache

Edit Apache configuration file httpd.conf and add following lines :

```
LoadFile "C:/Perl/bin/perl58.dll"
```

```
LoadModule perl_module modules/mod_perl.so
```

Then restart Apache service.

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5 Installing OCS Inventory NG Server

5.1 Installing Communication Server PERL module

Open a command prompt in folder <<InstallFolder>>/<<OCS_FOLDER>>/Apache.

Read file INSTALL and then run the following commands :

```
perl MakeFile.PL
nmake
nmake install
```

5.2 Updating Apache configuration file (httpd.conf)

Edit file <<InstallFolder>/<<OCS_FOLDER>>/Apache/ocsinventory.conf

and modify parameters shown in red below to match your need :

```
# Which version of mod_perl we are using
# For mod_perl <= 1.999_21, replace VERSION_MP by 1
# For mod_perl > 1.999_21, replace VERSION_MP by 2
PerlSetEnv OCS_MODPERL_VERSION 2

# Where to write detailed logs
PerlSetEnv OCS_LOGPATH "C:\AppServ\Apache2\logs"

# Database options
# Replace DATABASE_SERVER by hostname or ip of MySQL server, generally localhost
PerlSetEnv OCS_DB_HOST localhost
# Replace DATABASE_PORT by port where running MySQL server, generally 3306
PerlSetEnv OCS_DB_PORT 3306
# Name of database
PerlSetEnv OCS_DB_NAME ocsweb
PerlSetEnv OCS_DB_LOCAL ocsweb
# User allowed to connect to database
PerlSetEnv OCS_DB_USER ocs
# Password for user
PerlSetVar OCS_DB_PWD ocs
```

Then copy this file into the same folder as your file httpd.conf .

Edit file httpd.conf and add the following line :

Include C:\AppServ\Apache2\conf\ocsinventory.conf (update path if needed)

Then restart Apache service.

6 Installing Administration console and database

6.1 Configuring MySQL

Ensure that InnoDB database engine is enabled in MySQL configuration file : `my.ini`.

You must uncomment line `skip innodb`.

Then, restart MySQL service.

6.2 Installing Administration console

Copy folder `<<InstallFolder>>/<<OCS_FOLDER>>/ocsreports` to the document root directory of your Apache web server.

6.3 Creating ocsweb database and initial configuration

In your favorite web browser, open URL `http://<<web_server>>/ocsreports` to run OCS Inventory NG setup process.

Then, update if asked file `C:\windows\php.ini` (openssl, file size and restart Apache service).

Follow instructions to create database and insert initial configuration into database.

7 Test OCS Inventory NG Server

In folder `<<InstallFolder>>/<<AGENT_FOLDER>>`, run `ocsAgent.exe`.

This command creates a folder `C:\ocs-ng` where OCS Inventory NG agent is installed.

Open a command prompt in this folder and run command

```
ocsinventory /server:127.0.0.1 /pnum:<<port>> /debug
```

Check in Administration console that your computer has been added in inventory.

Setup is now finished and OCS Inventory NG Server may work without any problem.