INSTALLATION

OCS-GLPI

Jérémy IANNUCCI

Table des matières

Installation OCS Inventory :

Téléchargement :

```
root@ocs-server:~# wget https://github.com/OCSInventory-NG/OCSInventory-ocsreports/releases/download/2.8.1/OCSNG_UNIX_SERVER_2.8.1.tar.gz
--2021-03-08 11:21:59--  https://github.com/OCSInventory-NG/OCSInventory-ocsreports/releases/download/2.8.1/OCSNG_UNIX_SERVER_2.8.1.tar.gz
Résolution de github.com (github.com)… 140.82.121.4
Connexion à github.com (github.com)|140.82.121.4|:443… connecté.
requête HTTP transmise, en attente de la réponse… 302 Found
Emplacement : https://github-releases.githubusercontent.com/36722650/c6a3ca00-3ad5-11eb-90a8-e6ae895d00ae?X-Amz-Algorithm=AWS4-HMAC-SHA256&X-Amz-Credential=AKIAIWNJYAX4CSVEH53A%2F20210308%2Fus-east-1%2Fs3%2F
aws4_request&X-Amz-Date=20210308T102050Z&X-Amz-Expires=300&X-Amz-Signature=8ac45faacedf0afd4dff841971a5eb801913ce4d219c97a8ac8bdedb447e554f&X-Amz-SignedHeaders=host&actor_id=0&key_id=0&repo_id=36722650&respo
nse-content-disposition=attachment%3B%20filename%3DOCSNG_UNIX_SERVER_2.8.1.tar.gz&response-content-type=application%2Foctet-stream [suivant]
--2021-03-08 11:21:59--  https://github-releases.githubusercontent.com/36722650/c6a3ca00-3ad5-11eb-90a8-e6ae895d00ae?X-Amz-Algorithm=AWS4-HMAC-SHA256&X-Amz-Credential=AKIAIWNJYAX4CSVEH53A%2F20210308%2Fus-eas
t-1%2Fs3%2Faws4_request&X-Amz-Date=20210308T102050Z&X-Amz-Expires=300&X-Amz-Signature=8ac45faacedf0afd4dff841971a5eb801913ce4d219c97a8ac8bdedb447e554f&X-Amz-SignedHeaders=host&actor_id=0&key_id=0&repo_id=367
22650&response-content-disposition=attachment%3B%20filename%3DOCSNG_UNIX_SERVER_2.8.1.tar.gz&response-content-type=application%2Foctet-stream
Résolution de github-releases.githubusercontent.com (github-releases.githubusercontent.com)… 185.199.110.154, 185.199.111.154, 185.199.109.154, ...
Connexion à github-releases.githubusercontent.com (github-releases.githubusercontent.com)|185.199.110.154|:443… connecté.
requête HTTP transmise, en attente de la réponse… 200 OK
Taille : 2960525 (2,8M) [application/octet-stream]
Sauvegarde en : « OCSNG_UNIX_SERVER_2.8.1.tar.gz »

OCSNG_UNIX_SERVER_2.8.1.tar.gz           100%[===================================================================================================================>]   2,82M  11,2MB/s    ds 0,3s

2021-03-08 11:21:59 (11,2 MB/s) — « OCSNG_UNIX_SERVER_2.8.1.tar.gz » sauvegardé [2960525/2960525]
```

- Commande : wget https://github.com/OCSInventory-NG/OCSInventory-ocsreports/releases/download/2.8.1/OCSNG_UNIX_SERVER_2.8.1.tar.gz
- Dé-Zip le fichier :

```
root@ocs-server:~# tar -xvf OCSNG_UNIX_SERVER_2.8.1.tar.gz
```

- Lancer le setup et installer ocs inventory :

```
root@ocs-server:~/OCSNG_UNIX_SERVER_2.8.1# ./setup.sh

+------------------------------------------------------+
|                                                      |
|  Welcome to OCS Inventory NG Management server setup !  |
|                                                      |
+------------------------------------------------------+

Trying to determine which OS or Linux distribution you use
+------------------------------------------------------+
| Checking for Apache web server binaries !            |
+------------------------------------------------------+

CAUTION: If upgrading Communication server from OCS Inventory NG 1.0 RC2 and
previous, please remove any Apache configuration for Communication Server!

Do you wish to continue ([y]/n)?
Assuming Communication server 1.0 RC2 or previous is not installed
on this computer.

Starting OCS Inventory NG Management server setup from folder /root/OCSNG_UNIX_SERVER_2.8.1
Storing log in file /root/OCSNG_UNIX_SERVER_2.8.1/ocs_server_setup.log

+------------------------------------------------------+
| Checking for database server properties...           |
+------------------------------------------------------+

Your MySQL client seems to be part of MySQL version 10.3.
Your computer seems to be running MySQL 4.1 or higher, good ;-)

Which host is running database server [localhost] ?
OK, database server is running on host localhost ;-)

On which port is running database server [3306] ?
OK, database server is running on port 3306 ;-)

+------------------------------------------------------+
| Checking for Apache web server daemon...             |
+------------------------------------------------------+

Where is Apache daemon binary [/usr/sbin/apache2ctl] ?
OK, using Apache daemon /usr/sbin/apache2ctl ;-)

+------------------------------------------------------+
| Checking for Apache main configuration file...       |
+------------------------------------------------------+

Where is Apache main configuration file [/etc/apache2/apache2.conf] ?
OK, using Apache main configuration file /etc/apache2/apache2.conf ;-)

+------------------------------------------------------+
| Checking for Apache user account...                  |
+------------------------------------------------------+

Which user account is running Apache web server [www-data] ?
OK, Apache is running under user account www-data ;-)
```

```
+------------------------------------------------------+
| Checking for Apache group...                         |
+------------------------------------------------------+

Which user group is running Apache web server [www-data] ?
OK, Apache is running under users group www-data ;-)


+------------------------------------------------------+
| Checking for Apache Include configuration directory... |
+------------------------------------------------------+

Setup found Apache Include configuration directory in
/etc/apache2/conf-available.
Setup will put OCS Inventory NG Apache configuration in this directory.
Where is Apache Include configuration directory [/etc/apache2/conf-available] ?
OK, Apache Include configuration directory /etc/apache2/conf-available found ;-)


+------------------------------------------------------+
| Checking for PERL Interpreter...                     |
+------------------------------------------------------+

Found PERL interpreter at </usr/bin/perl> ;-)
Where is PERL interpreter binary [/usr/bin/perl] ?
OK, using PERL interpreter /usr/bin/perl ;-)


Do you wish to setup Communication server on this computer ([y]/n)?


+------------------------------------------------------+
|              Checking for Make utility...            |
+------------------------------------------------------+

OK, Make utility found at </usr/bin/make> ;-)

+------------------------------------------------------+
|        Checking for Apache mod_perl version...       |
+------------------------------------------------------+

Checking for Apache mod_perl version 1.99_22 or higher
Found that mod_perl version 1.99_22 or higher is available.
OK, Apache is using mod_perl version 1.99_22 or higher ;-)

+------------------------------------------------------+
|    Checking for Communication server log directory... |
+------------------------------------------------------+

Communication server can create detailed logs. This logs can be enabled
by setting integer value of LOGLEVEL to 1 in Administration console
menu Configuration.
Where to put Communication server log directory [/var/log/ocsinventory-server] ?
OK, Communication server will put logs into directory /var/log/ocsinventory-server ;-)

+--------------------------------------------------------------+
|    Checking for Communication server plugins configuration directory...    |
+--------------------------------------------------------------+

Communication server need a directory for plugins configuration files.
```

```
+------------------------------------------------------------+
|   Checking for Communication server plugins perl directory... |
+------------------------------------------------------------+


Communication server need a directory for plugins Perl modules files.
Where to put Communication server plugins Perl modules files [/etc/ocsinventory-server/perl] ?
OK, Communication server will put plugins Perl modules files into directory /etc/ocsinventory-server/perl ;-)



+----------------------------------------------------+
| Checking for required Perl Modules...               |
+----------------------------------------------------+


Checking for DBI PERL module...
Found that PERL module DBI is available.
Checking for Apache::DBI PERL module...
Found that PERL module Apache::DBI is available.
Checking for DBD::mysql PERL module...
Found that PERL module DBD::mysql is available.
Checking for Compress::Zlib PERL module...
Found that PERL module Compress::Zlib is available.
Checking for XML::Simple PERL module...
Found that PERL module XML::Simple is available.
Checking for Net::IP PERL module...
Found that PERL module Net::IP is available.
Checking for Archive::Zip Perl module...
Found that PERL module Archive::Zip is available.


Do you wish to setup Rest API server on this computer ([y]/n)?

+----------------------------------------------------+
| Checking for REST API Dependencies ...              |
+----------------------------------------------------+

Found that PERL module Mojolicious::Lite is available.
Found that PERL module Switch is available.
Found that PERL module Plack::Handler is available.

+----------------------------------------------------+
| Configuring REST API Server files ...               |
+----------------------------------------------------+

Where do you want the API code to be store [/usr/local/share/perl/5.28.1] ?
Copying files to /usr/local/share/perl/5.28.1

+----------------------------------------------------+
| Configuring REST API Server configuration files ... |
+----------------------------------------------------+


+----------------------------------------------------+
|                OK, looks good ;-)                   |
|                                                     |
|     Configuring Communication server Perl modules... |
+----------------------------------------------------+

Checking if your kit is complete...
Looks good
Generating a Unix-style Makefile
```

```
Writing Makefile for Apache::Ocsinventory
Writing MYMETA.yml and MYMETA.json


+----------------------------------------------------------+
|                   OK, looks good ;-)                     |
|                                                          |
|       Preparing Communication server Perl modules...     |
+----------------------------------------------------------+


+----------------------------------------------------------+
|                 OK, prepare finshed ;-)                  |
|                                                          |
|       Installing Communication server Perl modules...    |
+----------------------------------------------------------+


+----------------------------------------------------------+
| OK, Communication server Perl modules install finished;-)|
|                                                          |
|       Creating Communication server log directory...     |
+----------------------------------------------------------+

Creating Communication server log directory /var/log/ocsinventory-server.

Fixing Communication server log directory files permissions.
Configuring logrotate for Communication server.
Removing old communication server logrotate file /etc/logrotate.d/ocsinventory-NG
Writing communication server logrotate to file /etc/logrotate.d/ocsinventory-server


+-------------------------------------------------------------------+
|        OK, Communication server log directory created ;-)         |
|                                                                   |
|    Creating Communication server plugins configuration directory...|
+-------------------------------------------------------------------+

Creating Communication server plugins configuration directory /etc/ocsinventory-server/plugins.


+-------------------------------------------------------------------+
| OK, Communication server plugins configuration directory created ;-) |
|                                                                   |
|        Creating Communication server plugins Perl directory...    |
+-------------------------------------------------------------------+

Creating Communication server plugins Perl directory /etc/ocsinventory-server/perl.


+-------------------------------------------------------------------+
|     OK, Communication server plugins Perl directory created ;-)   |
|                                                                   |
|            Now configuring Apache web server...                   |
+-------------------------------------------------------------------+

To ensure Apache loads mod_perl before OCS Inventory NG Communication Server,
Setup can name Communication Server Apache configuration file
'z-ocsinventory-server.conf' instead of 'ocsinventory-server.conf'.
Do you allow Setup renaming Communication Server Apache configuration file
to 'z-ocsinventory-server.conf' ([y]/n) ?
```

- A compléter entre

```
carriat@ocs-server:~$ wget https://github.com/OCSInventory-NG/OCSInventory-ocsreports/releases/download/2.6/OCSNG_UNIX_SERVER_2.6.tar.gz
```

```
carriat@ocs-server:~$ tar -xvf OCSNG_UNIX_SERVER_2.6.tar.gz
```

```
carriat@ocs-server:~ $ ls
OCSNG_UNIX_SERVER_2.6  OCSNG_UNIX_SERVER_2.6.tar.gz  OCSNG-Windows-Agent-2.4.0.0  phpMyAdmin-4.9.2-all-languages
carriat@ocs-server:~$ cd OCSNG_UNIX_SERVER_2.6/
carriat@ocs-server:~/OCSNG_UNIX_SERVER_2.6$ ls
Apache  Api  binutils  dtd  etc  INSTALL  LICENSE  ocsreports  README.md  setup.sh
carriat@ocs-server:~/OCSNG_UNIX_SERVER_2.6$ ./setup.sh
```

- Attention !!!! Vérifier que vous êtes bien connecté à root donc pour se faire, exécuter la commande « su -» et entrée le mot de passe de l'utilisateur. Un fois fais continuer l'installation comme si dessous

```
Do you wish to continue ([y]/n)?
```
: entrée

```
Which host is running database server [localhost] ?
OK, database server is running on host localhost ;-)

On which port is running database server [3306] ?
```
: entrée et entrée

```
+------------------------------------------------------------+
| Checking for Apache web server daemon...                   |
+------------------------------------------------------------+

Where is Apache daemon binary [] ?
*** ERROR:  is a directory !
Where is Apache daemon binary [] ?/usr/sbin/apache2ctl
OK, using Apache daemon /usr/sbin/apache2ctl ;-)
```

- S'il ne propose pas de lui-même rentrer /usr/sbin/apache2ctl (ce problème peut être du au mauvais choix d'utilisateur

```
+------------------------------------------------------------+
| Checking for Apache main configuration file...             |
+------------------------------------------------------------+

Where is Apache main configuration file [/etc/apache2/apache2.conf] ?
OK, using Apache main configuration file /etc/apache2/apache2.conf ;-)
```

- Entrée

```
+------------------------------------------------------------+
| Checking for Apache user account...                        |
+------------------------------------------------------------+

Which user account is running Apache web server [www-data] ?
OK, Apache is running under user account www-data ;-)



+------------------------------------------------------------+
| Checking for Apache group...                               |
+------------------------------------------------------------+

Which user group is running Apache web server [www-data] ?
OK, Apache is running under users group www-data ;-)
```

- Entrée et entrée

```
+------------------------------------------------------------+
| Checking for Apache Include configuration directory...    |
+------------------------------------------------------------+

Setup found Apache Include configuration directory in
/etc/apache2/conf-available.
Setup will put OCS Inventory NG Apache configuration in this directory.
Where is Apache Include configuration directory [/etc/apache2/conf-available] ?
```

- Entrée

```
+------------------------------------------------------------+
| Checking for PERL Interpreter...                           |
+------------------------------------------------------------+

Found PERL interpreter at </usr/bin/perl> ;-)
Where is PERL interpreter binary [/usr/bin/perl] ?
OK, using PERL interpreter /usr/bin/perl ;-)


Do you wish to setup Communication server on this computer ([y]/n)?


+------------------------------------------------------------+
|              Checking for Make utility...                  |
+------------------------------------------------------------+

OK, Make utility found at </usr/bin/make> ;-)


+------------------------------------------------------------+
|          Checking for Apache mod_perl version...           |
+------------------------------------------------------------+

Checking for Apache mod_perl version 1.99_22 or higher
Found that mod_perl version 1.99_22 or higher is available.
OK, Apache is using mod_perl version 1.99_22 or higher ;-)


+------------------------------------------------------------+
|     Checking for Communication server log directory...     |
+------------------------------------------------------------+

Communication server can create detailed logs. This logs can be enabled
by setting integer value of LOGLEVEL to 1 in Administration console
menu Configuration.
Where to put Communication server log directory [/var/log/ocsinventory-server] ?
```

- Entrée pour chaque question

```
+--------------------------------------------------------------------+
|    Checking for Communication server plugins configuration directory...   |
+--------------------------------------------------------------------+

Communication server need a directory for plugins configuration files.
Where to put Communication server plugins configuration files [/etc/ocsinventory-server/plugins] ?
OK, Communication server will put plugins configuration files into directory /etc/ocsinventory-server/plugins ;-)

+--------------------------------------------------------------------+
|    Checking for Communication server plugins perl directory...    |
+--------------------------------------------------------------------+

Communication server need a directory for plugins Perl modules files.
Where to put Communication server plugins Perl modules files [/etc/ocsinventory-server/perl] ?
OK, Communication server will put plugins Perl modules files into directory /etc/ocsinventory-server/perl ;-)


+------------------------------------------------------+
| Checking for required Perl Modules...                |                |
+------------------------------------------------------+

Checking for DBI PERL module...
Found that PERL module DBI is available.
Checking for Apache::DBI PERL module...
Found that PERL module Apache::DBI is available.
Checking for DBD::mysql PERL module...
Found that PERL module DBD::mysql is available.
Checking for Compress::Zlib PERL module...
Found that PERL module Compress::Zlib is available.
Checking for XML::Simple PERL module...
Found that PERL module XML::Simple is available.
Checking for Net::IP PERL module...
Found that PERL module Net::IP is available.
Checking for Archive::Zip Perl module...
Found that PERL module Archive::Zip is available.


Do you wish to setup Rest API server on this computer ([y]/n)?

+------------------------------------------------------+
| Checking for REST API Dependencies ...               |              |
+------------------------------------------------------+

Found that PERL module Mojolicious::Lite is available.
Found that PERL module Switch is available.
Found that PERL module Plack::Handler is available.


+------------------------------------------------------+
| Configuring REST API Server files ...                |              |
+------------------------------------------------------+

Where do you want the API code to be store [/usr/local/share/perl/5.28.1] ?
```

- Entrée pour tous

```
| Configuring REST API Server files ...                        |
+--------------------------------------------------------------+


Where do you want the API code to be store [/usr/local/share/perl/5.28.1] ?
Copying files to /usr/local/share/perl/5.28.1


+--------------------------------------------------------------+
| Configuring REST API Server configuration files ...          |
+--------------------------------------------------------------+



+--------------------------------------------------------------+
|                  OK, looks good ;-)                          |
|                                                              |
|      Configuring Communication server Perl modules...        |
+--------------------------------------------------------------+


Generating a Unix-style Makefile
Writing Makefile for Apache::Ocsinventory
Writing MYMETA.yml and MYMETA.json


+--------------------------------------------------------------+
|                  OK, looks good ;-)                          |
|                                                              |
|      Preparing Communication server Perl modules...          |
+--------------------------------------------------------------+



+--------------------------------------------------------------+
|                  OK, prepare finshed ;-)                     |
|                                                              |
|      Installing Communication server Perl modules...         |
+--------------------------------------------------------------+



+--------------------------------------------------------------+
| OK, Communication server Perl modules install finished;-)|
|                                                              |
|      Creating Communication server log directory...          |
+--------------------------------------------------------------+


Creating Communication server log directory /var/log/ocsinventory-server.

Fixing Communication server log directory files permissions.
Configuring logrotate for Communication server.
Removing old communication server logrotate file /etc/logrotate.d/ocsinventory-NG
Writing communication server logrotate to file /etc/logrotate.d/ocsinventory-server


+----------------------------------------------------------------------+
|       OK, Communication server log directory created ;-)             |
|                                                                      |
|   Creating Communication server plugins configuration directory...   |
+----------------------------------------------------------------------+


Creating Communication server plugins configuration directory /etc/ocsinventory-server/plugins.



+----------------------------------------------------------------------+
| OK, Communication server plugins configuration directory created ;-) |
|                                                                      |
```

```
|       Creating Communication server plugins Perl directory...       |
+--------------------------------------------------------------------+


Creating Communication server plugins Perl directory /etc/ocsinventory-server/perl.


+--------------------------------------------------------------------+
|     OK, Communication server plugins Perl directory created ;-)     |
|                                                                    |
|                Now configuring Apache web server...                 |
+--------------------------------------------------------------------+


To ensure Apache loads mod_perl before OCS Inventory NG Communication Server,
Setup can name Communication Server Apache configuration file
'z-ocsinventory-server.conf' instead of 'ocsinventory-server.conf'.
Do you allow Setup renaming Communication Server Apache configuration file
to 'z-ocsinventory-server.conf' ([y]/n) ?
```

- Faire entrée pour la seule question et laissez le se configurer et faite entrée encore une fois à la question

```
OK, using 'z-ocsinventory-server.conf' as Communication Server Apache configuration file
Removing old communication server configuration to file /etc/apache2/conf-available/ocsinventory.conf
Writing communication server configuration to file /etc/apache2/conf-available/z-ocsinventory-server.conf

+--------------------------------------------------------------------+
|       OK, Communication server setup successfully finished ;-)      |
|                                                                    |
| Please, review /etc/apache2/conf-available/z-ocsinventory-server.conf |
|         to ensure all is good. Then restart Apache daemon.         |
+--------------------------------------------------------------------+


Do you wish to setup Administration Server (Web Administration Console)
on this computer ([y]/n)?
```

- Une fois fais faite entrée à nouveau

```
+--------------------------------------------------------------------+
|     Checking for Administration Server directories...              |
+--------------------------------------------------------------------+


CAUTION: Setup now install files in accordance with Filesystem Hierarchy
Standard. So, no file is installed under Apache root document directory
(Refer to Apache configuration files to locate it).
If you're upgrading from OCS Inventory NG Server 1.01 and previous, YOU
MUST REMOVE (or move) directories 'ocsreports' and 'download' from Apache
root document directory.
If you choose to move directory, YOU MUST MOVE 'download' directory to
Administration Server writable/cache directory (by default
/var/lib/ocsinventory-reports), especially if you use deployment feature.

Do you wish to continue ([y]/n)?
```

- Encore entrée

```
Do you wish to continue ([y]/n)?
Assuming directories 'ocsreports' and 'download' removed from
Apache root document directory.

Where to copy Administration Server static files for PHP Web Console
[/usr/share/ocsinventory-reports] ?
```

- Entrée

```
OK, using directory /usr/share/ocsinventory-reports to install static files ;-)

Where to create writable/cache directories for deployment packages,
administration console logs, IPDiscover and SNMP [/var/lib/ocsinventory-reports] ?
```

- Encore entrée et laissez s'installer une fois fais vous avez bel et bien fini d'installer le fichier tar.gz

```
Setup has created a log file /root/OCSNG_UNIX_SERVER_2.8.1/ocs_server_setup.log. Please, save this file.
If you encounter error while running OCS Inventory NG Management server,
we can ask you to show us its content !

DON'T FORGET TO RESTART APACHE DAEMON !

Enjoy OCS Inventory NG ;-)

root@ocs-server:~/OCSNG_UNIX_SERVER_2.8.1#
```

- Une fois fait pour que les modifications prennent effet il faut redémarrer apache

```
root@ocs-server:~/OCSNG_UNIX_SERVER_2.8.1# systemctl restart apache2
root@ocs-server:~/OCSNG_UNIX_SERVER_2.8.1#
```

- Une fois fais rentrer la commande suivante

```
root@ocs-server:~/OCSNG_UNIX_SERVER_2.8.1# cp /etc/apache2/conf-available/z-ocsinventory-server.conf /etc/apache2/sites-enabled
```

- Répéter avec cette autre commande

```
root@ocs-server:~/OCSNG_UNIX_SERVER_2.8.1# cp /etc/apache2/conf-available/ocsinventory-reports.conf /etc/apache2/sites-enabled
```

- De même avec la suivante

```
root@ocs-server:~/OCSNG_UNIX_SERVER_2.8.1# ln -s /etc/apache2/sites-enabled/z-ocsinventory-server.conf /etc/apache2/sites-enabled/ocsinventory-reports.conf
```

- De même encore

```
root@ocs-server:~/OCSNG_UNIX_SERVER_2.8.1# ln -s /etc/apache2/sites-enabled/ocsinventory-reports.conf /etc/apache2/sites-enabled/ocsinventory-reports.conf
```

- Ensuite il faut donner la propriété du dossier ocsinventory-reports à apache pour se faire on entre la commande suivante

```
root@ocs-server:~/OCSNG_UNIX_SERVER_2.8.1# chown -R www-data:www-data /var/lib/ocsinventory-reports
```

- Suite a cela pour que les modifications prennent effet redémarrer apache en rentrant la commande :

```
root@ocs-server:~/OCSNG_UNIX_SERVER_2.8.1# systemctl restart apache2
```