

# Configuració d'OCS Inventory 2.0.5 en Ubuntu 12.04

**OCS Inventory NG** (Open Computers and Software Inventory Next Generation <http://www.ocsinventory-ng.org/en/>) **és una solució de gestió tècnica dels actius de TI.** Des de 2001, l'OCS Inventory NG intenta fer l'inventari de maquinari automatitzat més eficient. Avui en dia, no només és un gestor de l'inventari.

Característiques:

- Informació pertinent dels inventaris.
- Sistema de desplegament de gran abast que permet distribuir la instal·lació de programari o scripts en equips sense sobrecarregar la xarxa.
- Consola d'administració web.
- Suporta múltiples sistemes operatius, incloent Microsoft Windows, Linux, \*BSD, Sun Solaris, IBM AIX, HP-UX, Mac OS X.
- Arquitectura de tercer nivell amb les normes vigents, protocol HTTP/HTTPS i format de dades XML.
- Web accessible a través de la interfície del servei SOAP.
- Suport de connectors (plugins) a través d'API.
- Escaneig de xarxa
- Sincronització amb GLPI

## Configuració del servidor

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1. `apt-get update`
2. `apt-get install apache2 libapache2-mod-php5 php5 php5-mysql`
3. `nano /etc/apache2/httpd.conf` afegeix la línia

ServerName **tallerXXX**

4. `apt-get install mysql-server`

Configuració del paquet «mysql-server-5.5»	
New password for the MySQL "root" user:	PASSWORD
Repeat password for the MySQL "root" user:	PASSWORD

5. apt-get install dmidecode libapache2-mod-perl2  
libapache2-mod-php5 libapache-dbi-perl libdbd-mysql-perl  
libdbi-perl libinnodb3 libio-compress-perl libnet-ip-perl  
libnet-snmp-perl libnet-ssleay-perl libphp-pclzip  
libproc-daemon-perl libproc-pid-file-perl libsoap-lite-perl  
libsys-syslog-perl libwww-perl libxml-simple-perl make  
net-tools nmap pciutils php5-gd read-edid smartmontools
6. cpan -i XML:Entities

CPAN.pm requires configuration, but most of it can be done automatically. If you answer 'no' below, you will enter an interactive dialog for each configuration option instead.	
Would you like to configure as much as possible automatically? [yes]	Enter
What approach do you want? (Choose 'local::lib', 'sudo' or 'manual') [local::lib]	Enter
Would you like me to automatically choose some CPAN mirror sites for you? (This means connecting to the Internet) [yes]	Enter
Would you like me to append that to /root/.bashrc now? [yes]	Enter

7. wget https://launchpad.net/ocsinventory-server/stable-2.0/2.0.5/+download/OCSNG\_UNIX\_SERVER-2.0.5.tar.gz
8. tar zxvf OCSNG\_UNIX\_SERVER-2.0.5.tar.gz
9. cd OCSNG\_UNIX\_SERVER-2.0.5/
10. sh setup.sh

Welcome to OCS Inventory NG Management server setup
-----------------------------------------------------

Checking for Apache web server binaries	
Do you wish to continue ([y]/n)?	Enter

Checking for database server properties	
Which host is running database server [localhost] ?	Enter
On which port is running database server [3306] ?	Enter

Checking for Apache web server daemon	
Where is Apache daemon binary [/usr/sbin/apache2] ?	Enter

Checking for Apache main configuration file	
Where is Apache main configuration file [etc/apache2/apache2.conf] ?	Enter

Checking for Apache user account	
Which user account is running Apache web server [www-data] ?	Enter

Checking for Apache group	
Which user group is running Apache web server [www-data] ?	Enter

Checking for Apache Include configuration directory	
Where is Apache Include configuration directory [/etc/apache2/conf.d] ?	Enter

Checking for PERL Interpreter	
Where is PERL Interpreter binary [/usr/bin/perl] ?	Enter
Do you wish to setup Communication server on this computer ([y]/n)?	Enter

Checking for Communication server log directory	
Where to put Communication server log directory [/var/log/ocsinventory-server] ?	Enter

Now configuring Apache web server	
Do you allow Setup renaming Communication Server Apache configuration file to 'z-ocsinventory-server.conf' ([y]/n) ?	Enter

Do you wish to setup Administration Server (Web Administration Console) on this computer ([y]/n)?	Enter
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Checking for Administration Server directories	
Do you wish to continue ([y]/n)?	Enter
Where to copy Administration Server static files for PHP Web Console [/usr/share/ocsinventory-reports] ?	Enter
Where to create writable/cache directories for deployment packages, administration console logs, IPDiscover [/var/lib/ocsinventory-reports] ?	Enter

11. service apache2 restart

12. Accedeix a la consola a través d'un navegador web ([http://ip\\_del\\_servidor/ocsreports](http://ip_del_servidor/ocsreports)). En "Usuari MySQL" escriu **root** i en "Contrasenya MySQL" escriu **PASSWORD**. Prem **Aceptar**

OCS-NG Inventory Installation

DB configuration not completed. Automatic install launched

WARNING: You will not be able to build any deployment package with size greater than 100MB  
You must raise both `post_max_size` and `upload_max_filesize` in your `php.ini` to increase this limit.

WARNING: If you change default database name (ocsweb), don't forgot to update your ocs engine files

Usuario MySQL:	<input style="width: 60%;" type="text" value="root"/>
Contraseña MySQL:	<input style="width: 60%;" type="password"/>
Name of Database:	<input style="width: 60%;" type="text" value="ocs"/>
Nombre del servidor MySQL:	<input style="width: 60%;" type="text" value="localhost"/>

Després de prémer “Aceptar” hauràs generat la base de dades i el navegador mostrarà:

OCS-NG Inventory Installation

DB configuration not completed. Automatic install launched

Please wait, database update may take up to 30 minutes.....

Database successfully generated

**MySQL config file successfully written (using ocs account)**

**Database engine checking.....**

**Database engine successfully updated (1 table(s) altered)**

WARNING: files/ocsagent.exe missing, if you do not reinstall the DEPLOY feature won't be available

**Table 'files' was empty**

**No subnet.csv file to import**

**Network netid computing. Please wait...**

Network netid was computed => 0 successful, 0 were already computed, 0 were not computable

**Netmap netid computing. Please wait...**

Netmap netid was computed => 0 successful, 0 were already computed, 0 were not computable

**Cleaning orphans.....**

0 orphan lines deleted

Cleaning netmap...

0 netmap lines deleted

Please enter the label of the windows client tag input box:  
(Leave empty if you don't want a popup to be shown on each agent launch)

13. Tanca el navegador

## Seguretat de la configuració d'OCS Inventory server

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14. `rm /usr/share/ocsinventory-reports/ocsreports/install.php`
15. `mysql -u root -p`

```
mysql> UPDATE mysql.user SET Password = PASSWORD('PASSWORD') WHERE User = 'ocs';  
mysql> flush privileges;  
mysql> quit;
```

16. `nano /usr/share/ocsinventory-reports/ocsreports/dbconfig.inc.php`  
canvia la línia

```
define("PSWD_BASE", "PASSWORD");
```

17. `nano /etc/apache2/conf.d/z-ocsinventory-server.conf`  
canvia les línies

```
PerlSetEnv OCS_DB_NAME ocs  
PerlSetEnv OCS_DB_LOCAL ocs  
PerlSetVar OCS_DB_PWD PASSWORD
```

18. `service apache2 restart`

## Instal·lació de l'Agent en el servidor

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19. `wget https://launchpad.net/ocsinventory-unix-agent/stable-2.0/2.0.5/+download/Ocsinventory-Unix-Agent-2.0.5.tar.gz`
20. `tar zxvf Ocsinventory-Unix-Agent-2.0.5.tar.gz`
21. `cd Ocsinventory-Unix-Agent-2.0.5/`
22. `perl Makefile.PL`
23. `make`
24. `make install`

Do you want to configure the agent Please enter 'y' or 'n'?> [y]	Enter
Where do you want to write the configuration file? 0 -> /etc/ocsinventory 1 -> /usr/local/etc/ocsinventory 2 -> /etc/ocsinventory-agent ?>	2
Do you want to create the directory /etc/ocsinventory-agent? Please enter 'y' or 'n'?> [y]	Enter
What is the address of your ocs server?> [ocsinventory-ng]	192.168.1.XXX
Do you need credential for the server? (You probably don't) Please enter 'y' or 'n'?> [n]	Enter
Do you want to apply an administrative tag on this machine . Please enter 'y' or 'n'?> [y]	Enter
tag?>	tallerXXX
Do yo want to install the cron task in /etc/cron.d	Enter

Please enter 'y' or 'n'?> [y]	
Where do you want the agent to store its files? (You probably don't need to change it)?> [/var/lib/ocsinventory-agent]	Enter
Do you want to create the /var/lib/ocsinventory-agent directory? Please enter 'y' or 'n'?> [y]	Enter
Should I remove the old linux_agent Please enter 'y' or 'n'?> [n]	Enter
Do you want to use OCS-Inventory software deployment feature? Please enter 'y' or 'n'?> [y]	Enter
Do you want to use OCS-Inventory SNMP scans feature? Please enter 'y' or 'n'?> [y]	Enter
Do you want to send an inventory of this machine? Please enter 'y' or 'n'?> [y]	Enter

## 25. service apache2 restart

### Accés

[http://ip\\_del\\_servidor/ocsreports](http://ip_del_servidor/ocsreports)

Inicia la sessió amb l'usuari **admin** i la contrasenya **admin**

Apareix una alerta de seguretat que t'indica que l'usuari admin té la contrasenya predeterminada.

Prem a sobre la clau amb fons lila de la dreta per canviar la contrasenya.

user ID: admin

Tipo: Super administrators ▼

Grupo: ▼ +

Nombre: admin

LASTNAME: admin



E-mail:


















Comentarios: Default administrator account

Contraseña: a

Prem a sobre el botó verd i tanca la finestra. Actualitza la pàgina del navegador prement F5 i veuràs aquesta imatge.

OCS<sub>8</sub> inventori Ver. 2.0.5

Not supported  

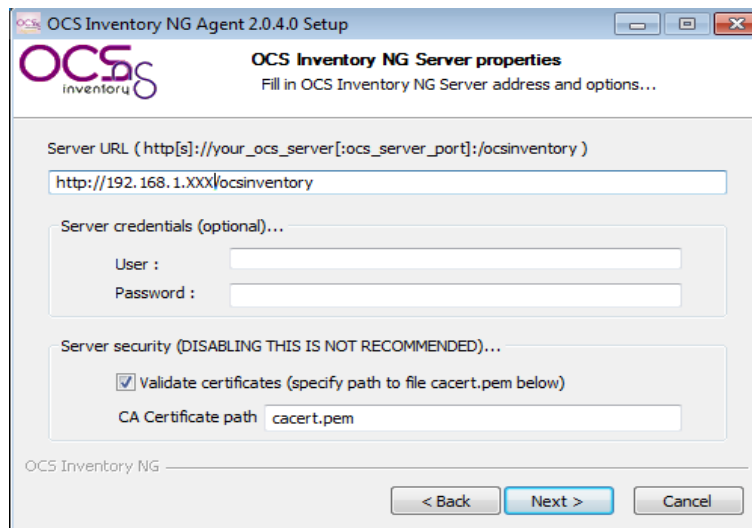
                

**ACTIVIDAD** SOFTWARE HARDWARE OTROS MESSAGES

Computadores en la base	1
Computadores vistos	1
Computadores que contactaron al servidor hoy	1
Número de computadores inventariados hoy	1
Computadores no vistos desde hace más de 30 días	0
Number of SNMP devices	0

## Instal·lació de l'Agent en Windows

1. Descarrega l'arxiu <http://launchpad.net/ocsinventory-windows-agent/2.0/2.0.4/+download/OCSNG-Windows-Agent-2.0.4.0.zip>
2. Descomprimeix i instal·la. Has de tenir en compte que has de canviar l'adreça URL del servidor.



## Instal·lació de l'Agent en Ubuntu

1. `apt-get install dmidecode libxml-simple-perl libio-compress-perl libnet-ip-perl libwww-perl libdigest-md5-perl libnet-ssleay-perl libcrypt-ssleay-perl libnet-snmp-perl libproc-pid-file-perl libproc-daemon-perl net-tools libsys-syslog-perl pciutils smartmontools read-edid nmap`
2. `wget https://launchpad.net/ocsinventory-unix-agent/stable-2.0/2.0.5/+download/Ocsinventory-Unix-Agent-2.0.5.tar.gz`
3. `tar zxvf Ocsinventory-Unix-Agent-2.0.5.tar.gz`
4. `cd Ocsinventory-Unix-Agent-2.0.5/`
5. `perl Makefile.PL`
6. `make`
7. `make install`

Do you want to configure the agent Please enter 'y' or 'n'?> [y]	Enter
Where do you want to write the configuration file? 0 -> /etc/ocsinventory 1 -> /usr/local/etc/ocsinventory 2 -> /etc/ocsinventory-agent ?>	2
Do you want to create the directory /etc/ocsinventory-agent? Please enter 'y' or 'n'?> [y]	Enter
What is the address of your ocs server?> [ocsinventory-ng]	ip_servidor



Do you need credential for the server? (You probably don't) Please enter 'y' or 'n'?> [n]	Enter
Do you want to apply an administrative tag on this machine . Please enter 'y' or 'n'?> [y]	Enter
tag?>	<b>tallerXXX</b>
Do yo want to install the cron task in /etc/cron.d Please enter 'y' or 'n'?> [y]	Enter
Where do you want the agent to store its files? (You probably don't need to change it)?> [/var/lib/ocsinventory-agent]	Enter
Do you want to create the /var/lib/ocsinventory-agent directory? Please enter 'y' or 'n'?> [y]	Enter
Should I remove the old linux_agent Please enter 'y' or 'n'?> [n]	Enter
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Do you want to send an inventory of this machine? Please enter 'y' or 'n'?> [y]	Enter