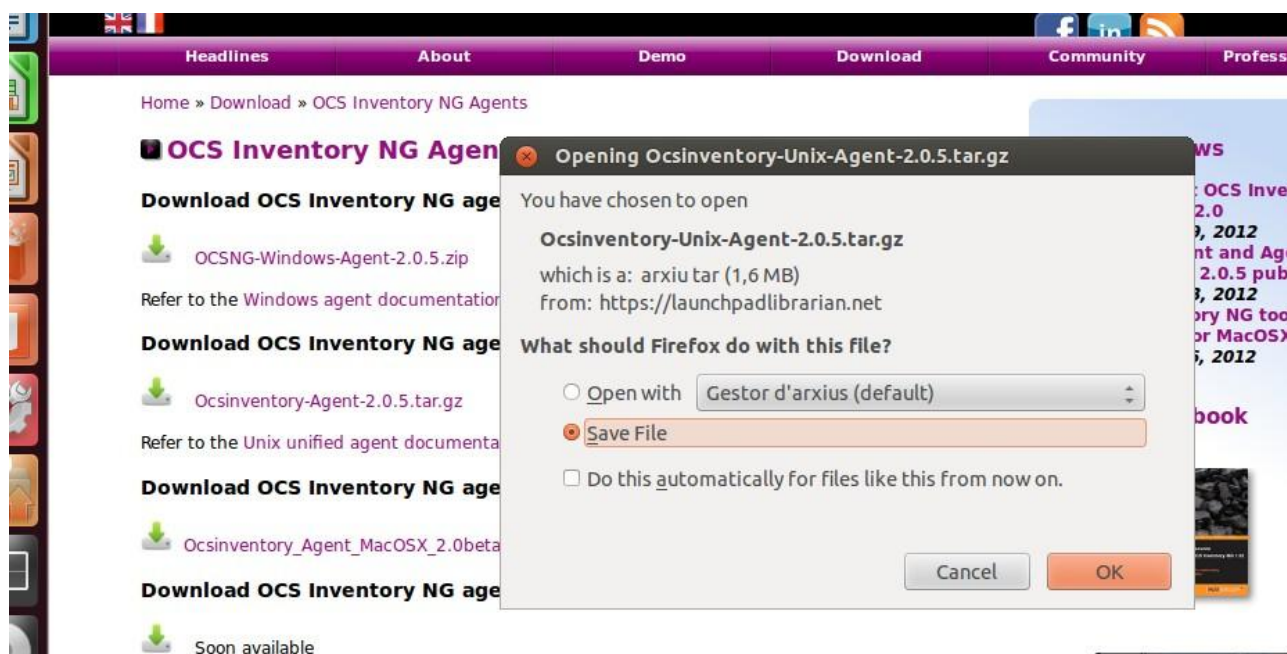


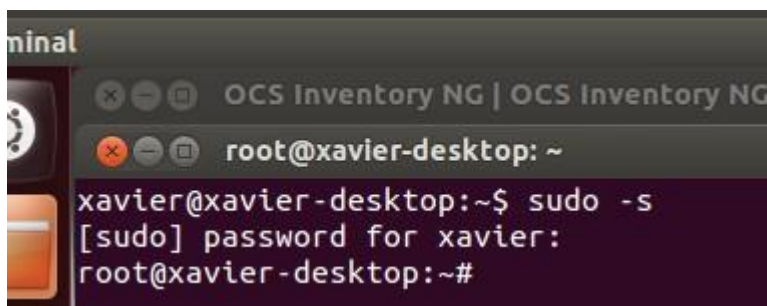
Instal·lació ocsinventory agent a Ubuntu 12.04



Descarreguem el paquet tar de la web del ocs inventory:



ens posarem com a root per fer les operacions:





M6-Seguretat Informàtica

Instal·larem els requisits per tal de procedir a la instal·lació del agent del ocsinventory:

```
root@xavier-desktop: ~  
root@xavier-desktop:~# apt-get install dmidecode libxml-simple-perl libnet-ip-perl libwww-perl libdigest-  
md5-perl libnet-ssleay-perl libio-compress-perl perl
```

Buscarem la carpeta comprimida de linux on tenim els paquets de instal·lació del ocsinventory-agent:

```
root@xavier-desktop: ~  
root@xavier-desktop:~# ls  
Baixades Documents Escriptori examples.desktop Imatges Música Plantilles Públic Vídeos  
root@xavier-desktop:~# ls /home/xavier/Baixades  
Ocsinventory-Unix-Agent-2.0.5.tar.gz OCSNG_UNIX_SERVER-2.0.5.tar.gz zip-1.10.2.tgz  
OCSNG_UNIX_SERVER-2.0.5 zip-1.10.2  
root@xavier-desktop:~#
```

Procedirem a la seva descompressió:

```
root@xavier-desktop: ~  
root@xavier-desktop:~# ls  
Baixades Documents Escriptori examples.desktop Imatges Música Plantilles Públic Vídeos  
root@xavier-desktop:~# ls /home/xavier/Baixades  
Ocsinventory-Unix-Agent-2.0.5.tar.gz OCSNG_UNIX_SERVER-2.0.5.tar.gz zip-1.10.2.tgz  
OCSNG_UNIX_SERVER-2.0.5 zip-1.10.2  
root@xavier-desktop:~# tar -xvzf /home/xavier/Baixades/Ocsinventory-Unix-Agent-2.0.5.tar.gz
```

veurem que ens ha creat una carpeta a l'arrel de l'usuari:

```
root@xavier-desktop: ~  
root@xavier-desktop:~# ls  
Baixades Escriptori Imatges Ocsinventory-Unix-Agent-2.0.5 Públic  
Documents examples.desktop Música Plantilles Vídeos  
root@xavier-desktop:~#
```

ens situarem a la carpeta creada:

```
root@xavier-desktop: ~  
root@xavier-desktop:~# ls  
Baixades Escriptori Imatges Ocsinventory-Unix-Agent-2.0.5 Públic  
Documents examples.desktop Música Plantilles Vídeos  
root@xavier-desktop:~# cd /home/xavier/Ocsinventory-Unix-Agent-2.0.5
```

si hi fem una ullada veurem que hi ha tot un seguit de fitxers que són els instal·ladors dels paquets i els propis paquets de instal·lació; hi ha dues maneres de fer la instal·lació, una de manual, exposada en els propis manuals de instal·lació de la web del ocsinventory:

M6-Seguretat Informàtica

```
root@xavier-desktop: ~/Ocsinventory-Unix-Agent-2.0.5
root@xavier-desktop:~/Ocsinventory-Unix-Agent-2.0.5# ls
AUTHORS  contrib  inc      LICENSE  MANIFEST  META.yml  postinst.pl  resources  THANKS
Changes  etc      lib      Makefile.PL  memconf  ocsinventory-agent  README  run-postinst  tools
root@xavier-desktop:~/Ocsinventory-Unix-Agent-2.0.5# env PERL_AUTOINSTALL=1 perl Makefile.PL
```

```
root@xavier-desktop: ~/Ocsinventory-Unix-Agent-2.0.5
root@xavier-desktop:~/Ocsinventory-Unix-Agent-2.0.5# make
```

```
root@xavier-desktop: ~/Ocsinventory-Unix-Agent-2.0.5
root@xavier-desktop:~/Ocsinventory-Unix-Agent-2.0.5# make install
```

```
root@xavier-desktop:~/Ocsinventory-Unix-Agent-2.0.5# /usr/bin/perl postinst.pl
Do you want to configure the agent
Please enter 'y' or 'n'?> [y] y
Where do you want to write the configuration file?
0 -> /etc/ocsinventory
1 -> /usr/local/etc/ocsinventory
2 -> /etc/ocsinventory-agent
?> 1
Do you want to create the directory /usr/local/etc/ocsinventory?
Please enter 'y' or 'n'?> [y] y
[info] The config file will be written in /etc/ocsinventory/ocsinventory-agent.cfg,
What is the address of your ocs server?> [ocsinventory-ng]
Do you need credential for the server? (You probably don't)
Please enter 'y' or 'n'?> [n]
Do you want to apply an administrative tag on this machine
Please enter 'y' or 'n'?> [y]
tag?> xevi
ocsinventory agent presents: /usr/local/bin/ocsinventory-agent
Do you want to install the cron task in /etc/cron.d
Please enter 'y' or 'n'?> [y]
```

```
Do you want to create the /var/lib/ocsinventory-agent directory?

Please enter 'y' or 'n'?> [y]
New settings written! Thank you for using OCS Inventory
Should I remove the old linux_agent
Please enter 'y' or 'n'?> [n]
```

```
Do you want to use OCS-Inventory software deployment feature?
Please enter 'y' or 'n'?> [y] y
Do you want to use OCS-Inventory SNMP scans feature?
Please enter 'y' or 'n'?> [y] n
Do you want to send an inventory of this machine?
Please enter 'y' or 'n'?> [y] y
-> Success!
root@xavier-desktop:~/Ocsinventory-Unix-Agent-2.0.5#
```



M6-Seguretat Informàtica

I una altra un xic més ràpida i segura per tal de instal·lar el ocsinventory-agent de forma més ràpida:

```
root@xavier-desktop: ~/Ocsinventory-Unix-Agent-2.0.5
root@xavier-desktop:~/Ocsinventory-Unix-Agent-2.0.5# perl postinst.pl --nowizard --server
```

A continuació hi ha tot un seguit de paràmetres, que configurarem de la forma:

```
root@xavier-desktop: ~/Ocsinventory-Unix-Agent-2.0.5
root@xavier-desktop:~/Ocsinventory-Unix-Agent-2.0.5# perl postinst.pl --nowizard --server
Do you want to configure the agent
Please enter 'y' or 'n'?> [y] y
Config file found are /usr/local/etc/ocsinventory/ocsinventory-agent.cfg! Reusing it.
[info] The config file will be written in /etc/ocsinventory/ocsinventory-agent.cfg,
What is the address of your ocs server?> [http://ocsinventory-ng/ocsinventory] http://localhost/ocsinvent
ory
Do you need credential for the server? (You probably don't)
Please enter 'y' or 'n'?> [n]
Do you want to apply an administrative tag on this machine
Please enter 'y' or 'n'?> [y] n
ocsinventory agent presents: /usr/local/bin/ocsinventory-agent
Do you want to install the cron task in /etc/cron.d
Please enter 'y' or 'n'?> [y] n
Where do you want the agent to store its files? (You probably don't need to change it)?> [/var/lib/ocsinventory-agent]
New settings written! Thank you for using OCS Inventory
Should I remove the old linux_agent
Please enter 'y' or 'n'?> [n] y
/etc/ocsinventory-client
/etc/logrotate.d/ocsinventory-client
/usr/sbin/ocsinventory-client.pl
/etc/cron.d/ocsinventory-client
/bin/ocsinv
done
```

```
Should I remove the old linux_agent
Please enter 'y' or 'n'?> [n] y
/etc/ocsinventory-client
/etc/logrotate.d/ocsinventory-client
/usr/sbin/ocsinventory-client.pl
/etc/cron.d/ocsinventory-client
/bin/ocsinv
done
Do you want to use OCS-Inventory software deployment feature?
Please enter 'y' or 'n'?> [y]
Do you want to use OCS-Inventory SNMP scans feature?
Please enter 'y' or 'n'?> [y] n
Do you want to send an inventory of this machine?
Please enter 'y' or 'n'?> [y]
-> Success!
root@xavier-desktop:~/Ocsinventory-Unix-Agent-2.0.5#
```



M6-Seguretat Informàtica

un cop hem fet la instal·lació del OCSInventory-agent, en la pròpia màquina local, ens permet de enviar en el servidor in inventari per tal de acabar la operació, ja només faltaria accedir per el navegador en el OCSInventory-server, per veure els resultats. Entrem en el navegador i posem l'usuari i contrasenya:

OCS Inventory - Mozilla Firefox

OCS Inventory NG | OCS Inv...

127.0.0.1/ocsreports/index.php

OCS inventory

Ver. 2.0.5

User: admin

Password: *****

Send

Un cop hem entrat, veiem que ja tenim la recepció per part d'un equip, encara que sigui el local, del seu inventari de maquinari i programari, tenim varies pestanyes les quals ens dona diferent informació, en la primera, només hi veiem:

OCS Inventory - Mozilla Firefox

OCS Inventory NG | OCS Inv...

127.0.0.1/ocsreports/index.php?first

OCS inventory

Ver. 2.0.5

SECURITY ALERT!
Your install.php exists in your installation directory.
The default SQL login/password is activate on your database: ocsweb
The default login/password is activate on OCS-NG GUI

Not supported

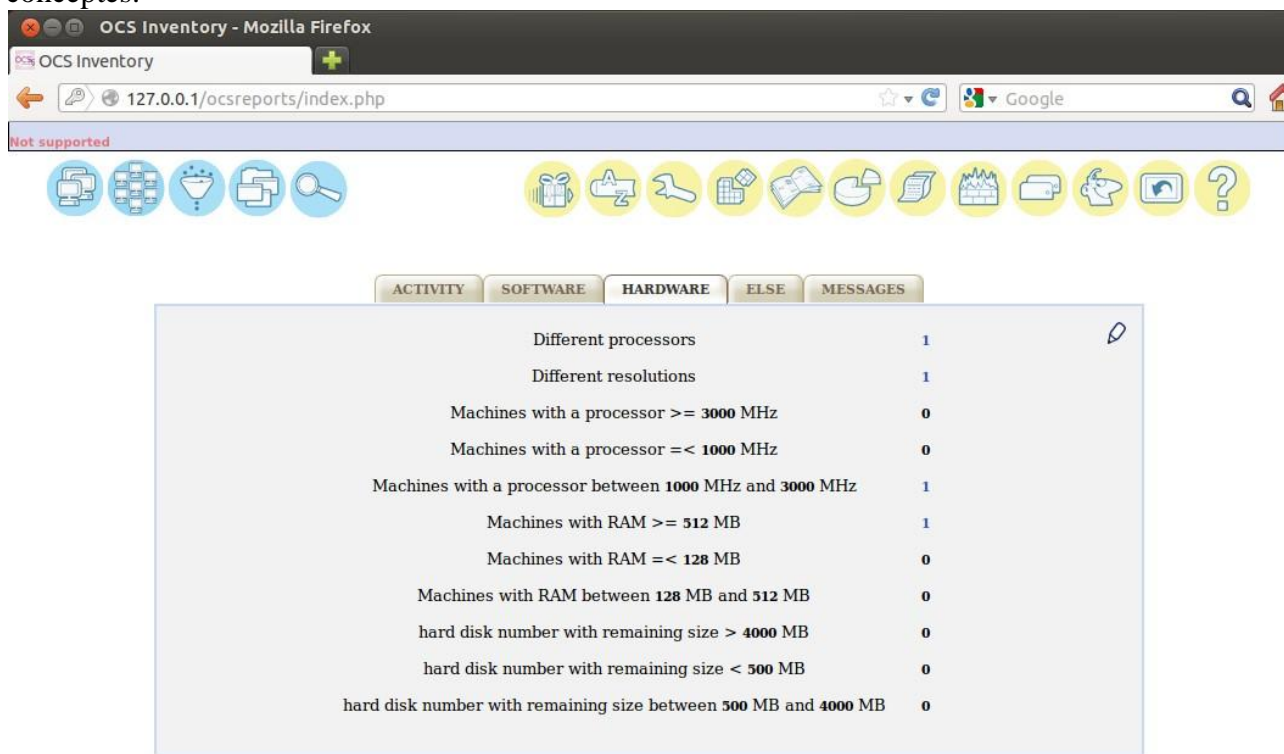
ACTIVITY SOFTWARE HARDWARE ELSE MESSAGES

Machines in base	1
Seen machines	1
Machines contact server today	1
Number of inventory machine today	1
Machines not see since more of 30 day(s)	0
Number of SNMP devices	0

en altres pestanyes podem veure classificada la mateixa informació agrupada en diferents

M6-Seguretat Informàtica

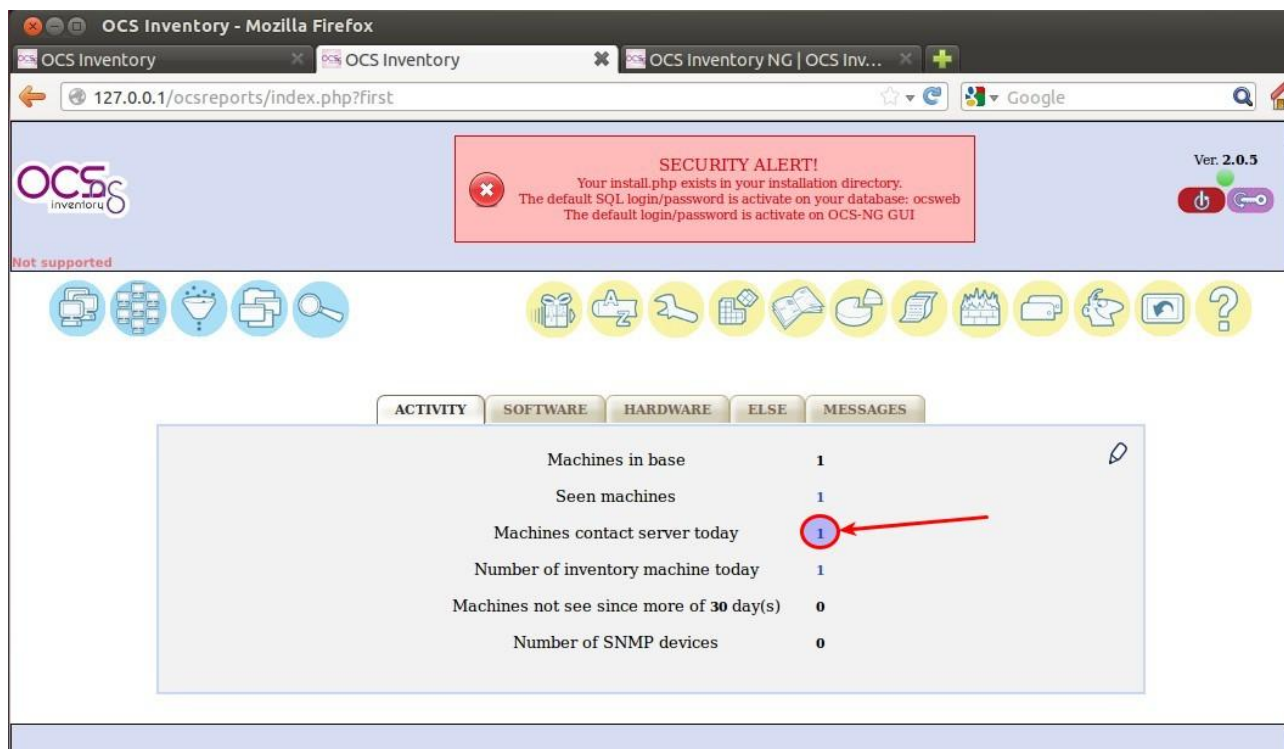
conceptes:



The screenshot shows the OCS Inventory web interface in Mozilla Firefox. The browser address bar displays "127.0.0.1/ocsreports/index.php". The interface has a "Not supported" message at the top. Below the navigation bar, there are tabs for "ACTIVITY", "SOFTWARE", "HARDWARE", "ELSE", and "MESSAGES". The "HARDWARE" tab is selected, showing a table of hardware statistics:

Different processors	1
Different resolutions	1
Machines with a processor >= 3000 MHz	0
Machines with a processor <= 1000 MHz	0
Machines with a processor between 1000 MHz and 3000 MHz	1
Machines with RAM >= 512 MB	1
Machines with RAM <= 128 MB	0
Machines with RAM between 128 MB and 512 MB	0
hard disk number with remaining size > 4000 MB	0
hard disk number with remaining size < 500 MB	0
hard disk number with remaining size between 500 MB and 4000 MB	0

Per veure detalls molt més concrets de la màquina, entrarem clicant a sobre dels nombres:



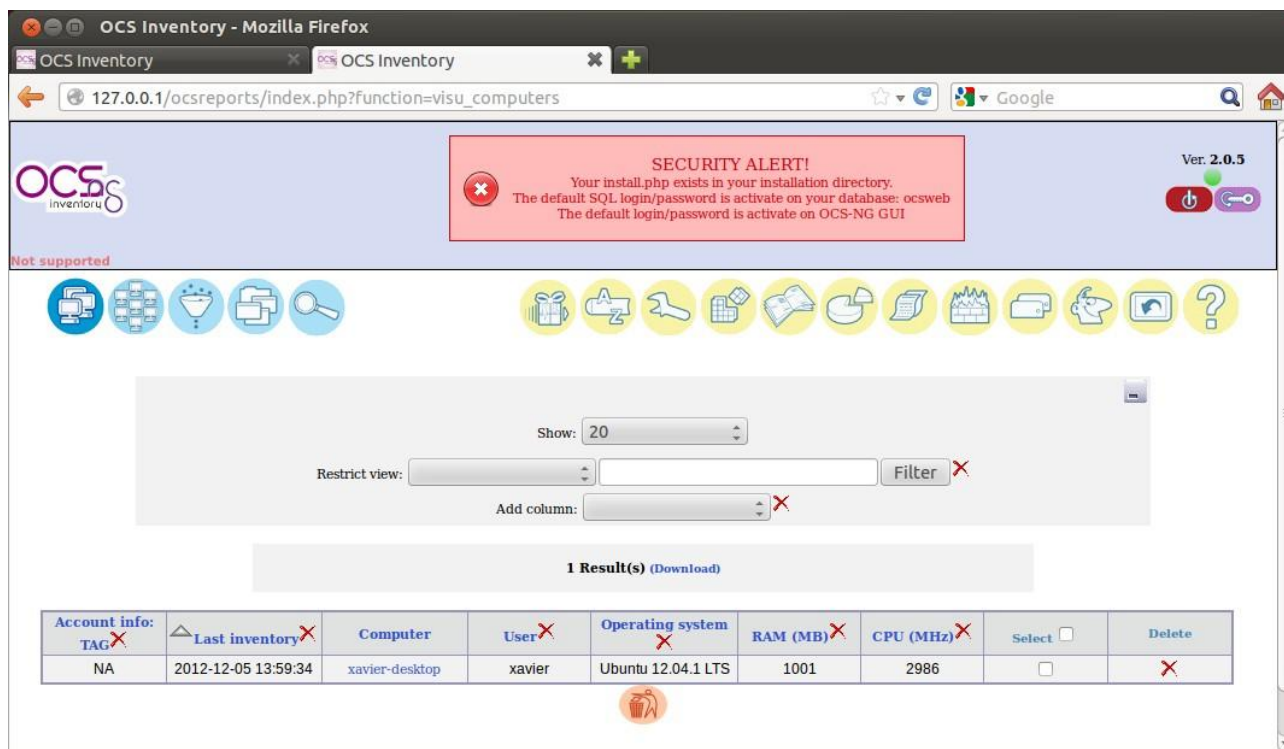
The screenshot shows the OCS Inventory web interface in Mozilla Firefox. The browser address bar displays "127.0.0.1/ocsreports/index.php?first". The interface has a "Not supported" message at the top. Below the navigation bar, there are tabs for "ACTIVITY", "SOFTWARE", "HARDWARE", "ELSE", and "MESSAGES". The "ACTIVITY" tab is selected, showing a table of activity statistics:

Machines in base	1
Seen machines	1
Machines contact server today	1
Number of inventory machine today	1
Machines not see since more of 30 day(s)	0
Number of SNMP devices	0

A red arrow points to the number "1" in the "Machines contact server today" row.

M6-Seguretat Informàtica

Un cop entrem podem veure més detalls del informe rebut per part del ocsinventory agent:



SECURITY ALERT!
Your install.php exists in your installation directory.
The default SQL login/password is activate on your database: ocsweb
The default login/password is activate on OCS-NG GUI

Ver. 2.0.5

Not supported

Show: 20

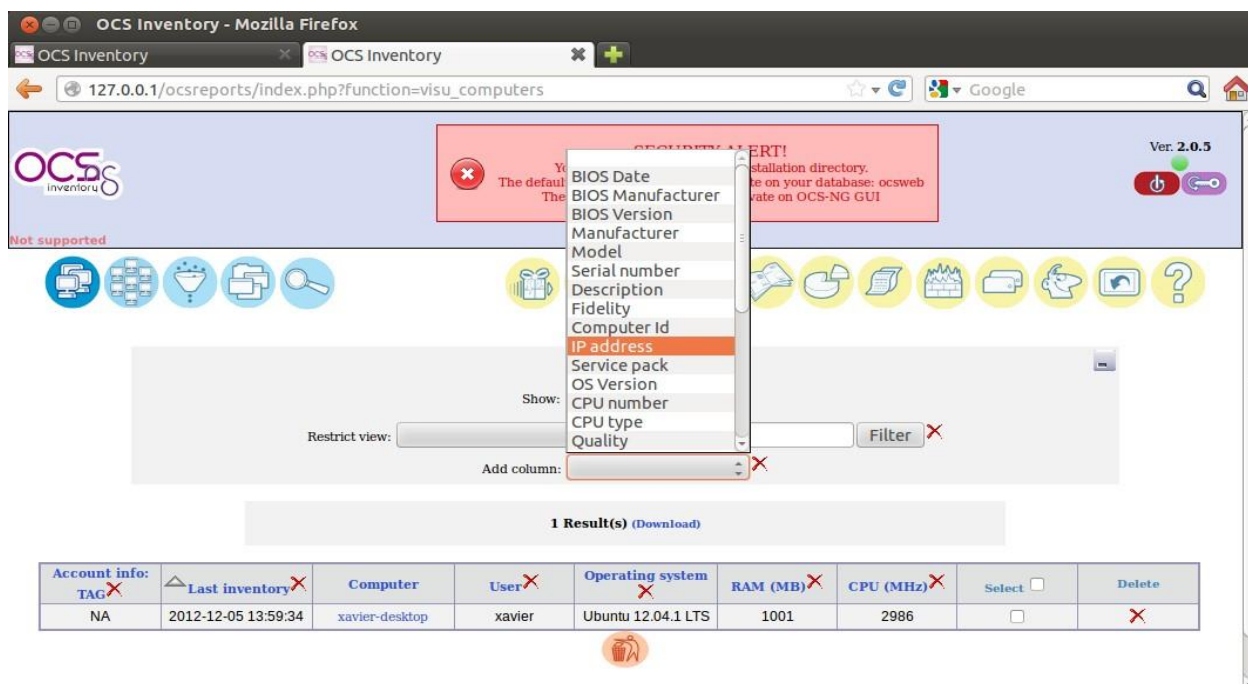
Restrict view: Filter

Add column:

1 Result(s) (Download)

Account info:	Last inventory	Computer	User	Operating system	RAM (MB)	CPU (MHz)	Select	Delete
TAG <input type="button" value="X"/>	<input type="button" value="X"/>							
NA	2012-12-05 13:59:34	xavier-desktop	xavier	Ubuntu 12.04.1 LTS	1001	2986	<input type="checkbox"/>	<input type="button" value="X"/>

Si ens fixem podem veure que hi ha tot un seguit de columnes que les podem configurar al nostre gust, en aquest sentit podem afegir en aquest resum, la ip de la màquina en qüestió:



SECURITY ALERT!
Your install.php exists in your installation directory.
The default SQL login/password is activate on your database: ocsweb
The default login/password is activate on OCS-NG GUI

Ver. 2.0.5

Not supported

Show: 20

Restrict view: Filter

Add column:

1 Result(s) (Download)

Account info:	Last inventory	Computer	User	Operating system	RAM (MB)	CPU (MHz)	Select	Delete
TAG <input type="button" value="X"/>	<input type="button" value="X"/>							
NA	2012-12-05 13:59:34	xavier-desktop	xavier	Ubuntu 12.04.1 LTS	1001	2986	<input type="checkbox"/>	<input type="button" value="X"/>

BIOS Date
 BIOS Manufacturer
 BIOS Version
 Manufacturer
 Model
 Serial number
 Description
 Fidelity
 Computer Id
 IP address
 Service pack
 OS Version
 CPU number
 CPU type
 Quality

M6-Seguretat Informàtica

Ara ja la tenim en el quadre resum:



OCS Inventory - Mozilla Firefox
 127.0.0.1/ocsreports/index.php/function=visu_computers
 Ver. 2.0.5

SECURITY ALERT!
 Your install.php exists in your installation directory.
 The default SQL login/password is activate on your database: ocsweb
 The default login/password is activate on OCS-NG GUI

Not supported

Show: 20

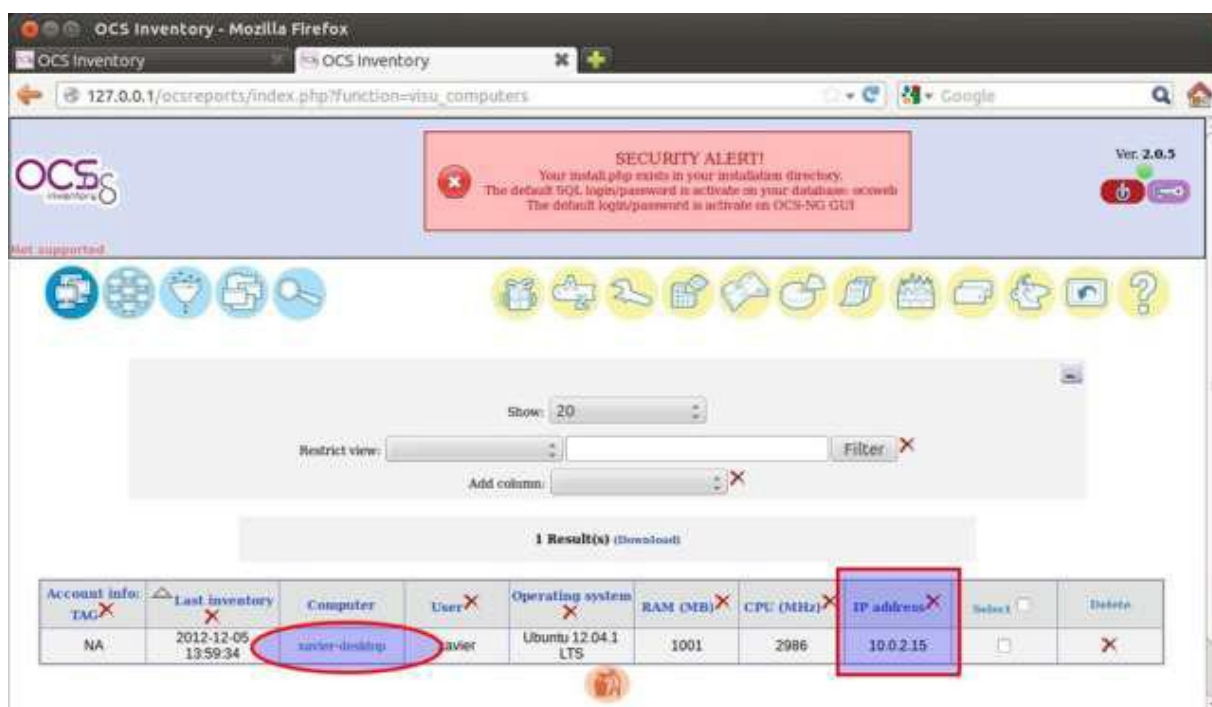
Restrict view: Filter

Add column:

1 Result(s) (Download)

Account info:	Last inventory	Computer	User	Operating system	RAM (MB)	CPU (MHz)	IP address	Select	Delete
TAG									
NA	2012-12-05 13:59:34	xavier-desktop	xavier	Ubuntu 12.04.1 LTS	1001	2986	10.0.2.15	<input type="checkbox"/>	<input checked="" type="checkbox"/>

De tota manera per tenir una informació més detallada de la màquina podem entrar en el informe a través del propi nom de la màquina:



OCS Inventory - Mozilla Firefox
 127.0.0.1/ocsreports/index.php/function=visu_computers
 Ver. 2.0.5

SECURITY ALERT!
 Your install.php exists in your installation directory.
 The default SQL login/password is activate on your database: ocsweb
 The default login/password is activate on OCS-NG GUI

Not supported

Show: 20

Restrict view: Filter

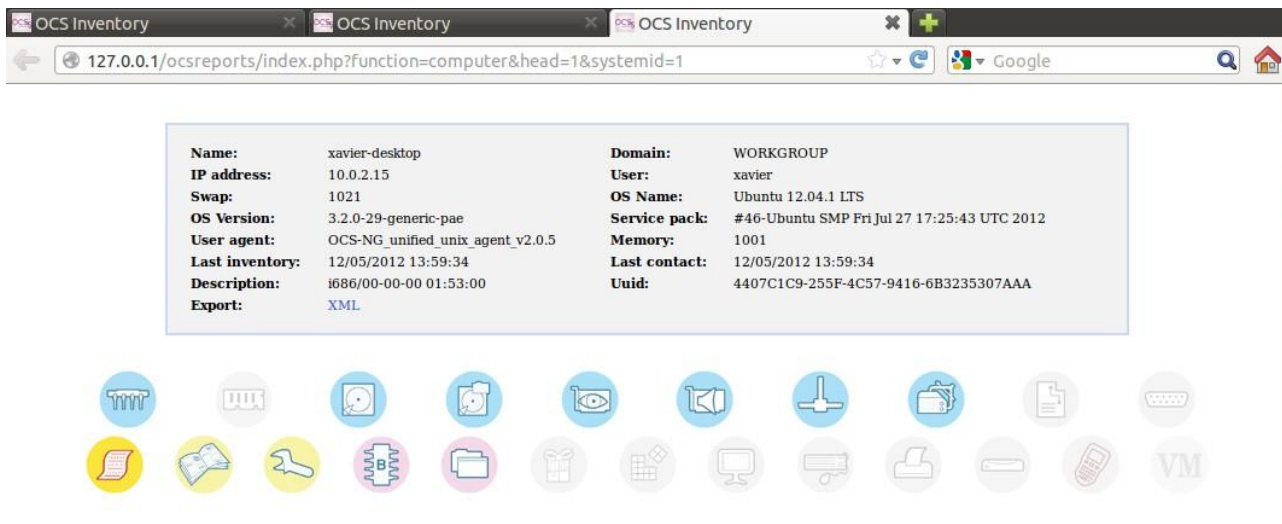
Add column:

1 Result(s) (Download)

Account info:	Last inventory	Computer	User	Operating system	RAM (MB)	CPU (MHz)	IP address	Select	Delete
TAG									
NA	2012-12-05 13:59:34	xavier-desktop	xavier	Ubuntu 12.04.1 LTS	1001	2986	10.0.2.15	<input type="checkbox"/>	<input checked="" type="checkbox"/>

M6-Seguretat Informàtica

Un cop entrem veurem:



The screenshot shows a web browser with three tabs labeled 'OCS Inventory'. The address bar displays the URL: `127.0.0.1/ocsreports/index.php?function=computer&head=1&systemid=1`. Below the browser, a table displays system information for 'xavier-desktop'.

Name:	xavier-desktop	Domain:	WORKGROUP
IP address:	10.0.2.15	User:	xavier
Swap:	1021	OS Name:	Ubuntu 12.04.1 LTS
OS Version:	3.2.0-29-generic-pae	Service pack:	#46-Ubuntu SMP Fri Jul 27 17:25:43 UTC 2012
User agent:	OCS-NG unified_unix_agent_v2.0.5	Memory:	1001
Last inventory:	12/05/2012 13:59:34	Last contact:	12/05/2012 13:59:34
Description:	i686/00-00-00 01:53:00	Uuid:	4407C1C9-255F-4C57-9416-6B3235307AAA
Export:	XML		

Below the table is a row of 20 circular icons representing various system components: CPU, RAM, Hard Drive, CD/DVD, Webcam, Sound Card, Network Card, Modem, Keyboard, Mouse, Printer, Scanner, Joystick, Gamepad, MIDI, VM, and others.

Les icones inferiors a la capçalera ens donaran diferent informació de paràmetres més concrets, ja que l'inventari realitzat de forma automàtica és molt complet, hi ha la possibilitat de observar tota la informació a través de la icona:



Que ens mostrarà la informació completa inventariada de la màquina, agrupada sota conceptes, els quals dona una facilitat i organització per fer les visualitzacions i comprobacions.

En el nostre cas hem escollit la icona:





M6-Seguretat Informàtica

Per tal de mostrar la càrrega de fitxers en els discs, o més ben dit l'espai ocupat de disc:

DISK(S)

3 Result(s) (Download)

Letter	Type	Designation	File System	Free (MB)	Total (MB)	Capacity
/		/dev/sda1	ext4	3656	7143	49%
/dev		udev	devtmpfs	493	493	0%
/media/VBOXADDITIONS_4.2.0_80737		/dev/sr0	iso9660	0	52	100%

Amb això hem aconseguit de instal·lar el ocsinventory-agent en ubuntu 12.04, en una màquina local.

Per executar la ordre de generar els informes només haurem de fer:

```
root@xavier-desktop: ~  
root@xavier-desktop:~# ocsinventory-agent
```