

FusionInventory — Time to unify them all

fusioninventory.org

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Outline

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Merge of 2 projects

- Tracker agent for GLPI
 - Network discovery with nmap, NETBIOS and SNMP
 - SNMP query
- OCSInventory-ng Unix Agent
 - Inventory of hardware, software, processes
 - Deployment of packages



Factorize

- One unique agent on every platform
 - Unices, Linux, BSD, MacOS X, Windows
- Offer a modular platform to other projects needing an agent
 - Interested projects : GOsa², unattended-gui, FAN



Network discovery

- nmap
- NETBIOS
- SNMP discovery



Assets inventory

- Local inventory
 - hardware, software, processes, virtual machines
- Remote : SNMP queries
 - Network devices, printers



Send data to servers

- OCSInventory-ng
 - Local inventory data
- FusionInventory Server plugin for GLPI
 - SNMP collected data
 - Network discovered devices
 - Inventory support is planned



Wake the agent when needed

- Wake on LAN
- Network discovery
- SNMP query
- OCS deploy
- Local inventory



Deployment

- OCSInventory-ng using peer to peer and SSL



Build the source

- GIT
 - <http://www.gitorious.net/fusioninventory>
<http://github.com/fusinv>
- Perl CPAN modules
- External recommended tools
 - dmidecode, ipmitool, nmap, pciutils, read-edid, smartmontools
- Platforms with specific code
 - AIX, BSD, HPUX, Linux, MacOS, Solaris, Win32



Packages

- CPAN
 - `cpan -i FusionInventory::Agent`
- Linux distributions, FreeBSD
 - Modular packages (already in Debian)
- MacOS X
- Windows



Immediate advantages

- SSL Peer to peer deployment for OCSInventory-ng
- Wake on LAN
- RPC server on the agent
- UTF-8 support
- Windows portage in progress
- Active community: mailing list,
irc.freenode.net/#fusioninventory



Long term advantages

- Full integration in GLPI
- Backward compatibility with OCSInventory-ng server
- Integration with other projects : GOsa², Unattended-GUI ...



FusionInventory

- <http://fusioninventory.org>
- <http://lists.alioth.debian.org/mailman/listinfo/fusioninventory-user>
- <http://forge.fusioninventory.org>
- <http://lists.alioth.debian.org/mailman/listinfo/fusioninventory-devel>
- <http://www.gitorious.net/fusioninventory>
- <http://github.com/fusinv>



Bound projects

- <http://glpi-project.org>
- <http://ocsinventory-ng.org>
- <https://gosa.gonicus.de>
- <http://unattended-gui.sourceforge.net>



We want YOU to join FusionInventory !

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