

Open Source Client-Management-System opsi



opsi extensions

opsi extensions

The powerful core features of opsi are open source and free of license fees.

The functional range can be increased through extensions and with them adjusted to specific scenarios.

opsi extensions are fee-based. The development, as well as the maintenance of the free core, is funded by the sales of the extensions.

To learn more about the current fees of the opsi extensions, please take a look at https://download.uib.de/doku/opsi-module-prices_en.pdf

Directory Connector

Avoid data maintenance on multiple systems and transfer data from your directory service directly into your opsi management tool. This prevents the need for additional maintenance and assures data consistency. It's irrelevant whether your LDAP is an Active Directory or a Samba 4 domain. The feature that lets opsi users authenticate themselves via the domain, can also be activated when the Directory Connector is available.

User-Roles

Should Administrators, on separate depot servers, be able to see only their data and interact only with their own environment? Or should they have access to specific client groups but still have no access to the global server administration?

This extension allows the configuration of visibility settings for clients and respective product groups accordingly. Read-only access is possible as well.

WIM-Capture

The complete installation of a Windows system can take a long time due to a large number of hotfixes and software being installed.

Opsi-WIM-Capture gives you the possibility to capture an existing system, with all hotfixes and software installed, into a Microsoft WIM (Windows Imaging Format). This WIM can then be used for new installations, even on other systems.

Scalability 1

In large environments with a large number of clients, several locations, or heavy load peaks, the standard opsi-server configuration may suffer from a performance bottleneck while starting many clients at the same time. The standard configuration uses only one processor for the central opsi service. The opsi extension 'Scalability 1' gives you the possibility to start the opsi service with multiple worker processes, thereby using all available processors. Beyond that, it is also possible to operate the opsi service on multiple servers parallel. Apart from scaling, failover is also a possibility. With 'Scalability 1' opsi can therefore serve several ten thousand clients and a large number of locations.

Local Image Backup

This opsi extension is developed specially for schools, to restore the software of systems during breaks.

An image of the initial installation of a client is stored in a special partition on the local client.

This image can be used to perform a fast restore. The system administrator can trigger the backup and restore with the switches 'image backup' and 'image restore'.

The extension Local Image Backup thereby allows fast restoring of many clients at the same time without blocking the local network.

Nagios Connector

Easily embed opsi in your existing monitoring system.

You can now quickly respond to unexpected events. Whether a failed installation on a client or an outdated product, the Nagios Connector forwards the data to your monitoring system.

Client checks are possible without additional software since the opsi-client-agent is already installed on them. The execution of the checks can take place over the opsi server, which is why there is no connection needed between the monitoring server and the clients (indirect checks).

Designed as a Nagios interface, the integration with compatible solutions (like Icinga) is very simple.

WAN Extension

The management of out of the office or home office clients doesn't have to be a problem.

An intelligent caching mechanism ensures that even remote clients can be up to date without affecting the user. The connection to the opsi server doesn't have to be permanently maintained.

The administrator has control over the computer, and the results are reported back to the opsi server at the next opportunity. This extension is also recommended for unstable network connections.

License Management

The opsi extension License Management can be used to standardize and simplify the complex and laborious management of software licenses for software installed on opsi managed clients.

The main features are:

- Same management interface as software deployment and OS installation: the opsi-configuration-editor.
- License keys can be automatically allocated, assigned, and reserved for opsi products.
- Supported licensing models are single license, volume license, and license bound to a specific host.
- Freeing of license keys when uninstalling software or removing the host.
- Manual processing of allocated licenses e.g. for software that is not deployed with opsi.
- Generate reports to compare the opsi managed licenses with the ones found via opsi Software Inventory.

MySQL-Backend

The opsi default backend is file-based.

For larger installations (> 300 clients) the faster MySQL-Backend is recommended due to its higher performance.

UEFI / GPT Support

Nowadays more and more PCs, tablet PCs, and servers hardware come equipped with UEFI BIOS. Often these can be configured in Legacy mode to keep the old features, especially the PXE-Boot support.

But also an increasing number of devices with UEFI BIOS do not have a Legacy mode (especially tablet PCs). So they can't be administrated via Netboot, which is required for the current opsi environment.

The opsi extension module for UEFI / GPT allows the integration of UEFI devices into the opsi environment.

UEFI Secure Boot

Secure Boot is an important security feature and is recommended to use.

This extension allows the integration of opsi's OS installation in combination with UEFI Secure boot.

Linux Support

The idea behind this extension is to provide a comprehensive Client Management system to support heterogeneous environments (Windows and Linux).

The focus is on the complete integration of both worlds into the same management process with one single tool.

This allows handling Linux installations the same way as Windows installations. The Linux opsi-client-agent is based on the same code as the Windows opsi-client-agent and uses the same commands.

The opsi Linux support is independent of distribution. The distributions Debian, Ubuntu, OpenSuse / SLES, RedHat / CentOS, UCS are uniformly supported.

MacOS Support

There are divided opinions about MacOS. Some swear by Apple products, others don't want to commit to another system. This topic is easily dealt with using opsi. Now opsi provides support for MacOS as an extension. MacOS clients can now also be managed by opsi's administrative tools, software can be installed and the system configured using opsi-script.

To test all opsi extensions we will gladly provide a temporary licensed file.

Please contact info@uib.de.