Client Management: DSM OS Deployment (OSD)

Significantly reduces (up to 75%) the time and resources needed to deploy operating systems

Expiring leases, hardware defects and migrations require the complete reinstallation of desktops, laptops and servers repeatedly. If manual installation isn't viable for individual cases due to limited employee resources, a large-scale operating system rollout requires a fully automated installation process, including an appropriate boot environment and reboot management. The solution must include features for scheduled rollouts and facilitate resource-saving rapid deployment to achieve cost optimization, even at low bandwidths.

Automatic Operating-System Packaging

Ivanti® DSM greatly speeds up the process of packaging operating systems thanks to its Software Factory and the Packaging Workbench. You can use the Software Factory wizards to quickly create numerous package types, such as operating systems and applications, system configurations, and drivers. The DSM wizards and the dialog-oriented Packaging Workbench script editor make all the necessary settings. DSM OS Deployment provides ready-to-use scripts for all common operating systems, and its enhanced parameter handling offers more flexibility during installation. But that's not all. DSM also provides ready-made configuration files for operating systems, so you can manage all types of client settings. The direct integration of DSM OS Deployment into the software package lifecycle also enables you to further increase efficiency. This automates standardized processes as well as the connections between these processes.

Automated Operating-System Deployment

DSM OS Deployment fully automates all operating system installation steps via PXE and Wake-on-LAN. DSM OS Deployment supports all common hardware platforms and determines automatically the correct boot environment (Linux, Windows) for installing the desired operating system. The integrated disk

imaging feature facilitates data backup and large system rollouts. The system supports complete reboot management – including flashing the BIOS, partitioning and formatting the hard disks, and integrating the PC into your Active Directory. You can choose whether your DHCP server or DSM OS Deployment takes over the IP configuration for the PC. Simply connect new PCs to the network and the operating system is installed automatically according to your rules. In case of software defects, you can trigger the complete reinstallation via Ivanti OS Deployment with just a few mouse clicks.

Integrated Driver Repository

Importing, packaging and assigning the right drivers to individual devices was typically one of the greatest challenges when installing operating systems. The integrated driver repository and the easy integration of new drivers now offer you an effective solution to this difficult task. You can simply add new drivers to the repository from a CD, or you can let DSM detect all drivers on a system by itself and integrate them

into the database. The drivers are then available company-wide, ready-packaged for each installation and assigned dynamically or based on rules. Special wizards eliminate the need for separate, time-consuming driver downloads from the internet, even for plug-and-play or mass-storage devices. For you, this means no more driver packaging and allocation.

Minimized Burden on Staff and Resources

The spectrum of DSM features enable you to install operating systems securely, even in distributed organizations and on many devices – with minimal burden on your network resources and users. Rules-based assignment lets you automate the process fully. Installations can also be scheduled at decentralizedlocations. The intelligent deployment of the DSM Deployment push-proxy architecture ensures success, especially in WANs with low bandwidth. The entire infrastructure also adapts flexibly to your corporate network – even across firewalls.

Key Features

- Predefined operating system packages.
- Effective driver management.
- Support for Linux and Windows PE boot environments.
- Fully automatic driver injection for Windows PE.
- Integrated disk imaging.
- Support for Wake on LAN.
- Automatic hardware detection and driver integration.
- Rule-based and dynamic OS assignment.
- Scheduling of OS rollouts.

Key Benefits

- Significantly reduces the time and staff. resources needed to deploy operating systems by up to 75%.
- Easy and reliable migration to new operating systems.
- Faster remediation and shorter downtime for users, especially during system recovery.
- Reliable deployment to all company locations.
- No manual intervention required for drivers.

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About Ivanti

Ivanti makes the Everywhere Workplace possible. In the Everywhere Workplace, employees use myriad devices to access IT networks, applications and data to stay productive as they work from anywhere. The Ivanti automation platform connects the company's industry-leading unified endpoint management, zero trust security and enterprise service management solutions, providing a single pane of glass for enterprises to self-heal and self-secure devices, and self-service end users. More than 40,000 customers, including 78 of the Fortune 100, have chosen Ivanti to discover, manage, secure and service their IT assets from cloud to edge, and deliver excellent end user experiences for employees, wherever and however they work. For more information,visit ivanti.com

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