

Unattended & Network Installations

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Lesson Plan

- ▶ Unattended Installation
- ▶ Advantages of Unattended Installation
- ▶ Disadvantages of Unattended Installation
- ▶ Network Installation
- ▶ Advantages of Network Installation
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Unattended Installation

- ▶ Unattended installation (silent installation) is a procedure for installing software without user intervention.
- ▶ It is a practical method of automating deployments when you have a large number of clients to install, and the computers require different hardware and software configurations.
- ▶ Unattended installations utilise an answer file to provide configuration information during the installation process.
- ▶ It gives a wider range of configuration options and allows the creation of customised installations that are specific to the environment.

Unattended Installation Cont.

- Unattended installations are faster than attended installations and can be more consistent when the same answer file is used each time.

Advantages of Unattended Installation

- ▶ Unattended installation saves time and money because users do not have to interactively respond to each installation query.
- ▶ It can be configured to provide an automated query response while still selectively allowing users to provide specified input during installations.
- ▶ It can be used to install clean copies OS or upgrade an existing operating system.
- ▶ It can be expanded to include installation instructions for applications, additional language support, service packs, and device drivers.

Disadvantages of Unattended Installation

- ▶ Requires more initial setup than a standard installation.
- ▶ Someone must have access to each client computer and must initiate the unattended installation process on the client side.

Network Installation

- ▶ Network Installation (Remote) is an easy-to-use network application designed for centralised software management and audit across a Network.
- ▶ The program allows you to audit software installed on remote PCs across your network and deploy software automatically on remote PCs.
- ▶ The program deploys software in parallel on remote PCs, so you can deploy within a few minutes across the entire network.

Network Installation Cont.

- ▶ Network installation can be a great asset for a variety of scenarios, ranging from installing software on multiple computers in a large organisation to using them on computers with limited or no local storage.
- ▶ It is also useful for updating or reconfiguring computers remotely, as well as for computers with different or special hardware or software requirements, such as servers, workstations, or gaming systems.

Advantages of Network Installation

- ▶ Saving time and resources by avoiding the need to create and distribute physical media or copy files to local drives.
- ▶ Simplify the management and maintenance of software updates and configurations by centralising them on the network server.
- ▶ Reduce the risk of data loss or corruption by minimising the use of removable or unreliable media or storage devices.
- ▶ Support different types of hardware and software by allowing customisation and flexibility of the installation process.

Disadvantages of Network Installation

- ▶ Availability and performance of the network and server can affect the speed and reliability of the installation process.
- ▶ Additional configuration and troubleshooting of the network and the boot agent may be required, which can be complex and time-consuming.
- ▶ Security and privacy risks can be posed by exposing the installation files and settings to the network, as they can be intercepted or tampered with by unauthorised users or devices.
- ▶ Incompatibilities with some legacy or proprietary systems that do not support network booting or require specific drivers or settings.

Q&A

- ▶ Time for your questions and queries ...

Additional Reading

- ▶ <https://learn.microsoft.com/en-us/answers/questions/571387/how-to-auto-setup-windows-10-pro-using-unattended>
- ▶ <https://www.windowcentral.com/how-create-unattended-media-do-automated-installation-windows-10>
- ▶ <https://www.windowstfg.com/>
- ▶ <https://www.youtube.com/watch?v=qHHGahJYAvw>
- ▶ <https://www.youtube.com/watch?v=PybAm0TlhRQ>

Thank you!