

LOGON SCRIPTS

Logon Script used to Conjunction with active setup. It is way to populate user profile data within MSI application package.

1. Leverage Active setup in MSI Package:

It is an active setup allows you to run specific actions like copying file, updating registry keys, or executing script.

2. Create and add logon Scripts:

Logon script can be assigned to individual user account. These scripts can be batch file, PowerShell scripts or other scripting language like VBScript.

3. Considering Deployment Strategies:

- Group policy
- Software distribution
- Scripting language

4. Example Scenario: Copying User Setting Files:

- **Scenario:** An application needs to store user-specific setting files in the user's App Data folder, but these file needs to be available immediately upon logon.

✓ Sysinternal Tools :

Sysinternals tools are valuable for troubleshooting and security analysis on windows system.

- Autologon : Automates the login process on a window system.
- Process Explorer : A powerful tool for viewing and managing running process. It provides detailed information about processes, including memory usage handles, and open files.
- PsExec : This is for remote execution of commands and programs. Allows administrators to run application on a remote computer as if they were running locally.
- PSTools : A collection of command-line tool for system administration and troubleshooting. Includes tools like PsLoggedOn, PsFile, and PsList, among other.
- RegMon: Monitors registry access and change in real-time. Tracks all registry activity, including reads, writes, and deletes.
- Sysmon: A window system service and driver that monitors and log system activity. Provides detailed

information about process creations, network connections, and file access changes.

- Whois: A command line tool used to retrieve information about domain names and IP addresses. Queries a whois database to retrieve registration details. It is useful for network troubleshooting, identify domain owners, and checking domain availability.

Windows 11 Benefits :

- ✓ Improved User Interface
- ✓ Enhanced Security
- ✓ Performance Improvements
- ✓ Modernized Microsoft Store
- ✓ Improving Multi-tasking
- ✓ Integrated AI Assistant
- ✓ Enhanced Gaming Experience
- ✓ Optimized Update Process

Windows 10 Benefits:

- ✓ Familiar Interface
- ✓ Wide Compatibility
- ✓ Stability
- ✓ Cost-Effective

App Pack

- ✓ App compatibility
- ✓ Performance
- ✓ Security
- ✓ Features

Windows 11 generally provides a more modern, secure and feature-rich experience compared to windows 10, making it a better choice for many users, including those who use and “app pack”.

Active setup versioning to ensure it runs each time during a fresh install

HKLM = HKEY_LOCAL_MACHINE

HKCU = HKEY_CURRENT_USER

Active set up is a windows mechanism that allows an application to perform user-specific configuration upon user login. It works by comparing versions in the HKLM and HKCU registry hives.

HKLM : Stores the master active setup data (application name, Stub Path ,and version)

HKCU: Stores the user-specific active setup data, which is populated based on the HKLM data during logon.

Incrementing the version : If the version in HKLM is higher than the version in HKCU, active setup will execute the command specified in the “StubPath” value and update the HKCU version.