

➤ Execute-MSI in PSAppDeployToolkit

Execute-MSI is a core function in PSAppDeployToolkit used to install, uninstall, patch, repair, or perform active setup tasks for MSI/MSP files or via product codes.

Installation

To install an MSI using Execute-MSI, set the -Action to "Install" and provide the MSI file path with -Path. You can customize the installation using -Parameters, such as:

- /qn for silent install
- REBOOT=ReallySuppress to avoid restarts
- /L*v for detailed logging

Example: `Execute-MSI -Action Install -Path "C:\path\to\app.msi" -Parameters "/qn REBOOT=ReallySuppress"`

Uninstallation

To uninstall an application using Execute-MSI, set the -Action to "Uninstall" and provide either the path to the MSI file or its product code using the -Path parameter.

You can add -Parameters to control the process.

Example: `Execute-MSI -Action Uninstall -Path "C:\path\to\app.msi" -Parameters "/qn REBOOT=ReallySuppress"`

Important Considerations for Execute-MSI:

Product Code: Instead of the MSI file path, you can use the application's product code to uninstall it.

Logging: Use -LogName to specify a custom log file name and path for better tracking of install/uninstall actions.

Pre-flight Checks: By default, the function checks if the MSI is already installed before proceeding. This can be skipped using -SkipMSIAlreadyInstalledCheck.

Error Handling: Use -ContinueOnError to allow the script to keep running even if an error occurs during installation or uninstallation.

➤ PSAppDeployToolkit Configuration

PSAppDeployToolkit is a PowerShell-based framework for simplified, customizable application deployment. Its settings are managed through the AppDeployToolkitConfig.xml file.

Configuration Steps:

1.Download & Extract: Download the PSAppDeployToolkit and extract the zip file.

2.Locate Config File at Toolkit\AppDeployToolkit\AppDeployToolkitConfig.xml.

3.Edit the File to customize:

- **Toolkit Options:** Admin rights, temp paths, logging.

- **UI Settings:** Banners, logos, icons, notifications.
- **MSI Settings:** Default install parameters, log paths.
- **UI Messages:** Language and message customization.

4.Save & Apply: Changes apply to all PSAppDeployToolkit scripts.

Benefits of Using AppDeployToolkitConfig.xml:

- **Centralized Configuration:** Configure settings once for all scripts.
- **Consistency:** Ensure consistent UI and behavior across deployments.
- **Customization:** Tailor the deployment process to your specific needs.
- **Simplified Scripting:** Reduce the amount of code needed for each deployment.