What is Execute-MSI?

- A function used in PSAppDeployToolkit.

- Helps install, uninstall, patch, or repair .msi and .msp files.

- Also works with MSI product codes.

Installation:

- Use -Action Install to install an app.

- Provide the path to the .msi file.

- You can add extra settings using -Parameters.

Common Parameters:

- /qn: Silent installation (no user interaction).

- /norestart: Stops system from restarting.

- /L*v: Enables detailed logging.

Example:

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

Uninstallation:

- Use -Action Uninstall to uninstall an app.

- You can use the .msi file or the product code.

- Parameters are similar to install.

Example:

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

installation and uninstallation commands in PowerShell App Deployment Toolkit (PSAppDeployToolkit):

Main Commands Overview:

- **Execute-MSI: Used to install or uninstall MSI files.**

- **Uninstall-ADTApplication: Used to uninstall apps installed using the toolkit.**

Installation:

Execute-MSI:

- **Runs MSI installer files.**

- **Key parameters:**

  - **-Action Install (to install the app)**

  - **-Path (path to the .msi file)**

  - **-DeployMode (can be: Interactive, Silent, NonInteractive)**

Uninstallation:

Uninstall-ADTApplication:

- **Removes apps installed with PSAppDeployToolkit.**

Execute-MSI (for uninstall):

- **Can be used to uninstall with:**

  - **-Action Uninstall**

  - **-Path set to the product GUID**

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Other Helpful Commands:

- **Get-RunningProcesses: Checks for open apps before installing/uninstalling.**

- **Show-WelcomePrompt: Shows a welcome message to the user.**

- **Remove-MSIApplications: Uninstalls specific MSI apps.**

- **Unblock-ADTAppExecution: Unblocks apps that were restricted.**

- **Unregister-ADTDll: Unregisters DLL files used by apps.**

PSADT Important Commands:

Execute-MSI -Action 'Install' -Path 'Adobe_FlashPlayer_11.2.202.233_x64_EN.msi'

Execute-MSI -Action 'Install' -Path 'Adobe_FlashPlayer_11.2.202.233_x64_EN.msi' -Transform 'Adobe_FlashPlayer_11.2.202.233_x64_EN_01.mst' -Parameters '/QN'

Execute-MSI -Action 'Uninstall' -Path '{26923b43-4d38-484f-9b9e-de460746276c}'

Execute-MSI -Action 'Patch' -Path 'Adobe_Reader_11.0.3_EN.msp'

Execute-MSI -Action 'Patch' -Path 'Adobe_Reader_11.0.3_EN.msp'

Execute-MSI -Action Install -Path $AppMSIName -SkipMSIAlreadyInstalledCheck -ContinueOnError $False -LogName "${AppMSIName}_MSI"

Execute process:

Execute-Process -Path 'uninstall_flash_player_64bit.exe' -Parameters '/uninstall' -WindowStyle 'Hidden'

Execute-Process -Path "$dirFiles\Bin\setup.exe" -Parameters '/S' -WindowStyle 'Hidden'

Execute-Process -Path 'setup.exe' -Parameters '/S' -IgnoreExitCodes '1,2'

Execute-Process -Path 'setup.exe' -Parameters "-s -f2`"$configToolkitLogDir\ $installName.log`""

Execute-Process -Path 'setup.exe' -Parameters "/s /v`"ALLUSERS=1 /qn /L* `"$configToolkitLogDir\$installName.log`"`""

ExecuteMSP:

Execute-MSP -Path 'Adobe_Reader_11.0.3_EN.msp'

Execute-MSP -Path 'AcroRdr2017Upd1701130143_MUI.msp' -AddParameters 'ALLUSERS=1'

copyPath:

Copy-File -Path "$dirSupportFiles*.*" -Destination "$envTemp\tempfiles"

Copy-File -Path "$dirSupportFiles\MyApp.ini" -Destination "$envWinDir\MyApp.ini"

Execute -Msp

Execute-MSP -Path 'Adobe_Reader_11.0.3_EN.msp'

Install-Msupdate

Install-MSUpdates -Directory "$dirFiles\MSUpdates"

Create a Set-ActiveSetup

Set-ActiveSetup -StubExePath 'C:\Users\Public\Company\ProgramUserConfig.vbs' -Arguments '/Silent' -Description 'Program User Config' -Key 'ProgramUserConfig' -Locale 'en'

Set-ActiveSetup -StubExePath "$envWinDir\regedit.exe" -Arguments "/S `"%SystemDrive%\ Program Files (x86)\PS App Deploy\PSAppDeployHKCUSettings.reg`"" -Description 'PS App Deploy Config' -Key 'PS_App_Deploy_Config' -ContinueOnError $true

Here is your content rewritten in simple English sentence formation, suitable for handwritten notes:

Summary:

PSAppDeployToolkit:

- In PSAppDeployToolkit, the main command to install or uninstall MSI apps is Execute-MSI.

- To uninstall apps installed by the toolkit, you can also use Uninstall-ADTApplication.

- There are some other commands to help with:

    o setting up,

- o cleaning up,

- o and managing applications.

- You can also uninstall apps manually using Start-Process with msiexec.

About Execute-MSI:

- Execute-MSI is a simple way to install or uninstall MSI-based software.

- It uses:

  - o -Action to tell what to do (Install or Uninstall),

  - o -Path to point to the file or product code,

  - o and -Parameters to customize how it runs.