**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**

**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:**
  + **setting up,**
  + **cleaning up,**
  + **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:**
  + **-Action to tell what to do (Install or Uninstall),**
  + **-Path to point to the file or product code,**
  + **and -Parameters to customize how it runs.**