

## PowerShell App Deployment Toolkit (PSAppDeployToolkit)

Execute-MSI is a function used for installing, uninstalling, patching, repairing, or performing active setup on MSI and MSP files, or using MSI product codes.

### Main Commands

#### Installation:

**Execute-MSI:** *This cmdlet is used to execute MSI files. Used to install .msi packages.*

*Execute-MSI -Action Install -Path "C:\path\to\app.msi"*

**Parameter** /qn : for silent installation, /norestart : to prevent a system restart, /L\*v : for verbose logging

#### Uninstallation:

Basic Usage: Set -Action to "Uninstall" and provide the path to the MSI file (or its product code)

*Execute-MSI -Action Uninstall -Path "C:\path\to\app.msi"*

#### Other related commands:

- Get-RunningProcesses: Checks for running processes that might need to be closed before an installation or uninstallation.
- Show-WelcomePrompt: Displays a welcome prompt to the user.
- Remove-MSIApplications: Removes specified MSI applications.
- Unblock-ADTAppExecution: Unblocks the execution of an application that was blocked.

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### ALL 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
```

#### **All 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-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'