

General Syntax

**msiexec /Option <Required Parameter>
[Optional Parameter]**

Install Options

/i Installs a Product
/a Administrative install - Installs a product on the network
/t Use Transform List (.MST)
/x Uninstalls the product

Display Options

/quiet Quiet mode, no user interaction
/passive Unattended mode - progress bar only
/qn No UI
/qb Basic UI
/qr Reduced UI
/qf Full UI (default)
/help Help information

Restart Options

/norestart Do not restart after the installation is complete
/promptre start Prompts the user for restart if necessary
/forceresta rt Always restart the computer after installation

Repair Options

Syntax **/f[p|e|c|m|s|o|d|a|u|v]**
<Product.msi | ProductCode>

/fp only if file is missing
/fo if file is missing or an older version is installed (*default*)
/fe if file is missing or an equal or older version is installed
/fd if file is missing or a different version is installed
/fc if file is missing or checksum does not match the calculated value

Repair Options (cont)

/fa forces all files to be reinstalled
/fu all required user-specific registry entries (*default*)

Logging Options

Syntax **/[i|w|e|a|r|u|c|m|o|p|v|x|+|!]***
<LogFile>

/li Status messages
/lw Nonfatal warnings
/le All error messages
/la Start up of actions
/lr Action-specific records
/lu User requests
/lc Initial UI parameters
/lm Out-of-memory or fatal exit information
/lo Out-of-disk-space messages
/lp Terminal properties
/lv Verbose output
/lx Extra debugging information
/l+ Append to existing log file
/l! Flush each line to the log
/l* Log all information, except for v and x options

Multiple uses of the above switches may be combined behind a single "/!" (/lawe)

Update Options

Syntax **/update <Update1.msp>**
[:Update2.msp]

/p or **/update** Applies update(s)
/uninstall Remove update(s) for a product

Misc Options

/j Advertises a product
/m Generates an SMS status .mif file
/? Displays help
or
/h
/z Calls the system function DllUnRegisterServer to unregister modules passed in on the command line
/c Advertises a new instance of the product
/n Specifies a particular instance of the product

Examples

Basic Installation	msiexec /i A:\Example.msi
Installation & Apply Patch	msiexec /i A:\Example.msi PATCH=msipatch.msp
Installation Files	msiexec /a A:\Example.msi
Installation with Transform	msiexec /i A:\Example.msi /T transform.mst
Installation With Logging	msiexec /i A:\Example.msi /LIME logfile.txt
100% Silent Installation	msiexec /i A:\Example.msi /qn
Installation Only Showing Progress	msiexec /i A:\Example.msi /qb
Uninstall Using Installer File	msiexec /x A:\Example.msi
Uninstall Using Product Code	msiexec /x { <i>Installed App's Product Code</i> }
Install & Suppress Restart	msiexec /i A:\Example.msi /norestart
Install & Force Restart	msiexec /i A:\Example.msi /forcerestart



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Correct Syntax Examples

```
msiexec /i msisample.msi /T transform.mst /qn
```

```
msiexec /i A:\Example.msi PATCH=msipatch.msp;msipatch2.msp /qb
```

```
msiexec /x {Installed App Product Code} /qn
```

```
msiexec /i msisample.msi PATCH=msipatch.msp /qb
```

```
msiexec /JM msisample.msi /T transform.mst /LIME logfile.txt
```

More Information

For more information or details for the above items, run "msiexec /?" or visit

[https://msdn.microsoft.com/en-us/library/aa367988\(v=vs.85\).aspx](https://msdn.microsoft.com/en-us/library/aa367988(v=vs.85).aspx)



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