

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

/prompt-restart Prompts the user for restart if necessary

/force-restart 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 /l[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

/!! Flush each line to the log

/!* Log all information, except for v and x options

Multiple uses of the above switches may be combined behind a single "/l" (/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 {Installed App's Product Code}
Install & Suppress Restart	msiexec /i A:\Example.msi /norestart
Install & Force Restart	msiexec /i A:\Example.msi /forcerestart



By Ben Kellermann (bzowk)
cheatography.com/bzowk/
www.guidesforit.com

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Correct Syntax Examples

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

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

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

```
msiexec /i msisample.msi PATCH=msipat-  
ch.msp /qb
```

```
msiexec /JM msisample.msi /T transf-  
orm.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/a-
a367988\(v=vs.85\).aspx](https://msdn.microsoft.com/en-us/library/a-a367988(v=vs.85).aspx)



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