

### 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 "/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 { <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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Page 1 of 2.

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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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