

Dell Command | Update

Version 2.4 User's Guide



Notes, cautions, and warnings

 | **NOTE:** A NOTE indicates important information that helps you make better use of your product.

 | **CAUTION:** A CAUTION indicates either potential damage to hardware or loss of data and tells you how to avoid the problem.

 | **WARNING:** A WARNING indicates a potential for property damage, personal injury, or death.

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About this document

You can use Dell Command | Update application to update Dell client systems with the latest applications, drivers, BIOS, and firmware.

You can find the other product guides for your reference at [Dell.com/support/manuals](https://www.dell.com/support/manuals).

- *Hardware Owner's Manual* provides information about the system, installing system components, and troubleshooting the system.

What's new

Dell Command | Update provides the following feature in this release:

- Enhanced security configuration

Setup

This section contains information about the requirements that are needed to use Dell Command | Update. It also provides an overview of the tool, and lists installation and uninstallation steps.

Topics:

- [Overview](#)
- [Install Dell Command | Update](#)
- [Uninstall Dell Command | Update](#)
- [Upgrade Dell Command | Update](#)
- [Silent install](#)
- [Activity Log](#)

Overview

Dell Command | Update is an easy-to-use graphical user interface (GUI) and command line Interface (CLI) application that allows you to update the Dell client systems with the latest applications, drivers, BIOS, and firmware.

The advantages of using Dell Command | Update are:

- Simplification of system management and the update process for Dell client systems
- An easy-to-use CLI can be used for automating driver installation and updates
- An easy-to-use GUI, which helps in identifying and applying appropriate updates for the system
- BIOS and firmware updates in addition to drivers and applications

NOTE:

- To run Dell Command | Update, .NET 4.0 or a later version is required.
- Supported operating systems for this application include Windows 7, Windows 8.1, and Windows 10.

Install Dell Command | Update

Before you proceed, ensure that you are logged in with Administrator privileges on the client system on which you want to install Dell Command | Update.

To download Dell Command | Update:

- 1 Go to **dell.com/support**.
- 2 Search for **Dell Command | Update 2.4**.
- 3 Download Sys-Man_Application_XXXXX_WN_y.y.y_A00.exe where 'x' is the software build and 'y' is the version number.

To install Dell Command | Update:

- 1 Double-click the .EXE file that is downloaded from the Dell support site.
- 2 Click **Install**.
- 3 On the **Welcome** screen, click **Next**.
- 4 On the **License Agreement** screen, select **I accept the terms in the license agreement**, and then click **Next**.
- 5 On the **Begin Install** screen, click **Install**.

- 6 On the **Installation Complete** screen, click **Finish**.
- 7 Click **OK**.

Uninstall Dell Command | Update

To uninstall the software:

- Click **Start**.
- Select **Control Panel**, and then click **Programs And Features**.
- Select **Dell Command | Update**, and then click **Uninstall**.

Upgrade Dell Command | Update

You can upgrade Dell Command | Update from the previous versions in the following ways:

- **Self-update:** Use the **Check** feature on the **Welcome** screen to check for updates. For more information, see [Check for and install updates](#).
- **Manual update:** Download and install Dell Command | Update 2.4 from [Dell.com/support](#).

If any newer versions of Dell Command | Update are available, then the latest version of Dell Command | Update is listed under **Recommended updates**. Select the update, and install the newer version of the application.

NOTE: In minor upgrades, the preference settings and policies are retained.

NOTE: If there are major upgrades, the application is uninstalled and the settings and data are removed.

Silent install

You can perform a silent installation of Dell Command | Update by using the following methods:

- Execute the command—`DCU_Setup_2_4_0.exe /s /v"/qn"` using the Command Line Interface (CLI).
- Run the executable file—`Sys-Man_Application_xxxx_WN_y.y_A00.exe /s` available in the Dell Update Packages (DUPs), where 'x' is the software build and 'y' is the version number.

Activity Log

The activity log feature helps you to view the updates that are installed on the system and track any failures or issues. The activities that are generated in Dell Command | Update are classified as:

- **Normal**—Normal messages are created in the log when the **Normal mode** setting is enabled in Dell Command | Update. These messages provide high-level details about the updates or errors.
- **Debug**—Debug messages are created in the log when the **Debug mode** setting is enabled in Dell Command | Update is enabled. These messages provide detailed information about the updates or errors.

The root element of the log contains the name of the product and the version that is installed on the system. The child elements under the root element are listed as follows:





Table 1. Elements under root element

Element Name	Description
<level>	Activity log level.
<timestamp>	Timestamp when the activity was created.
<source>	The application operations which generated the activities.
<message>	Detailed information for the activity.

Element Name	Description
<data>	Indicates additional information for the activity.

View and export the Activity log




To view and export the activity log:

- 1 On the **Welcome** screen, click **Activity Log**.
The **Activity Log** screen is displayed.
By default, the list of activities performed during the last 7 days, 15 days, 30 days, 90 days, or the last year, is displayed. You can configure the period from the drop-down list.
- 2 From the drop-down list, select the number of days for which you want to view the update activities. For example, if you select **Last 15 Days**, you can view the update activities that Dell Command | Update has performed during the last 15 days.
 **NOTE:** You can click  to view more information about the message log entry, such as application error messages. This information is also available in the exported log file.
-  **NOTE:** You can click Caution icon, next to the error or failure log entries to view information about how to avoid any potential damage or problem.
- 3 To reorder or sort the columns according to the date or message type, click  next to **Date** or **Message**.
- 4 Click **Export** to export the activity log in .XML format.
- 5 Click **Save** to save changes, or click **Cancel** to revert to the last saved settings.
- 6 Click **Close** to go back to the **Welcome** screen.

Getting started with Dell Command | Update

When the Dell Command | Update launches for the first time, either manually or automatically, the Dell Command | Update – Setup screen displays the following setup options to discover, review, and install the updates:

Table 2. Setup options

Option	Description
Yes, run automatically with the default settings (Recommended)	<p>Automatically checks for updates on a regular basis using the default settings.</p> <p> NOTE: To view the default settings, click the Settings icon  and view the settings under Automatically check for updates in the Schedule tab.</p> <p> NOTE: This option is selected by default.</p>
Yes, run automatically, but allow me to review or edit my settings now	Automatically checks for updates and allows you to review or edit the configured settings.
No, I do not wish Dell Command Update to check for updates automatically at this time	Dell Command Update does not automatically check for updates.

If you have received your system from the Dell factory, Dell Command | Update autolaunches after the system boots the fourth time and scans for any available updates. In this case, the Welcome screen does not offer **Check for Updates** functionality and displays a list of available updates that can be installed.

 **NOTE:** Dell Command | Update autolaunches only if,

- Dell Command | Update is factory installed.
- Dell Command | Update is not launched manually.






Topics:

- [Title bar](#)
- [Left pane](#)
- [Content area](#)

Title bar

The title bar contains the name and version number of the product, and icons for various activities.

Table 3. Title bar icons

ICON	Description
	Displays help for each screen (at the upper right corner of all screens).
	Displays the Settings screen. On the Settings screen, you can customize the Dell Command Update options such update the downloaded file location, scheduling updates, and customizing updates.
	Minimizes the application (at the upper right corner of all screens).
	Maximizes the application (at the upper right corner of all screens).
	Closes the application (at the upper right corner of all screens).

Left pane

The following table lists the options available on the left pane and descriptions of the options:

Table 4. Left pane

Option	Description
System Model	Displays the image and model of the Dell system.
Service Tag	Displays the Product ID provided by the manufacturer for the system.
Last Check	Provides information about the last time the system was checked for updates.
Last Update	Provides information about the last time the system was updated.
Update History	Displays the Update History screen. See Update history
System Information	Displays the System Information screen. See Viewing And Exporting System Details .
Activity Log	Displays the Activity Log screen. See Activity log .
Give us your feedback	Launches an online survey to provide feedback and satisfaction ratings for Dell Command Update.

Content area

From the **Content Area**, you can check for and install updates.

For more information, see [Checking for and installing updates](#). You can also download and install driver libraries. For more information, see **Advance driver restore**.

Advanced driver restore

Using the **Advanced Driver Restore for Windows Reinstallation** option, you can install drivers on a new or reimaged system with a new Windows Image, a network adapter with a compatible network adapter driver, and install Dell Command | Update.

For more information, see **Downloading And Installing Driver Libraries**.

Features of Dell Command | Update

Download and install driver libraries

To download and install a driver library on a Dell system:

- 1 On the **Welcome** screen, select the **click here to download and install a complete driver library** option.

NOTE: The process of downloading the complete profile library for the system is automated.

NOTE: This process might even cost you, if you are on a metered network connection.

The **Preparing for driver restore** screen is displayed and the driver is installed. Following are the various status messages displayed during installation:

- Checking for component updates — Checks for available driver libraries.
- Scanning system devices — Scans the system and gathers information about the devices that are present on the system.
- Locating system driver library — Locates the driver library on the system and checks the versions of the drivers and determines the available driver updates for the system.
- Starting download — Starts downloading the updates.
- Extracting drivers — After the updates are downloaded, these updates are extracted for installation on the system.
- Preparing for installation — Digital signature validation and creation of a restore point on the operating system.
- Installing drivers — Displays the installation status in the format x of y, where 'x' is the number of drivers being installed and 'y' is the total number of drivers available. Select the **Automatically restart system (when required)** check box to restart the system automatically after the drivers are installed.
- Installation complete — Denotes the completion of driver installation in the format x of y successful, where 'x' is the number of drivers installed and 'y' is the number of drivers available.

Click **Cancel** to exit this activity and return to the **Welcome** screen.

- 2 After installation of the drivers is complete, click **Close** to return to the **Welcome** screen.

For more information about updating the system drivers to their most current version, see **Checking And Installing Updates**.

Check for and install updates

To check for and install updates on a Dell system:

- 1 On the **Welcome** screen, click **Check**.

The Inventory Collector, a self-contained application, is used to obtain the system hardware information. The Inventory Collector gathers the inventory status of the BIOS, firmware, applications, and drivers for the system. The inventory status is provided in .XML format. The Inventory Collector copies the inventory modules to a temporary location on the local drive of the system, ensuring that the inventory status gathering is completed even if the network connection is lost.

- a Dell Command | Update connects to downloads.dell.com, or any other source location that you have configured, and checks for updates.
- b Click **Cancel** to return to the previous screen without checking for updates. For more information about changing the source location, see [General Settings](#).

The **Checking for Updates** task starts, and the screen is displayed.

The **Checking for Updates** task includes the following:

- Checking for component updates

- Scanning for system devices
- Determining the available updates

The **Checking for Updates** screen provides the status of the system scan. When updates are found, Dell Command | Update prompts you to install the updates.

If no updates are found, the **No updates available** message is displayed indicating that the devices on the system are up-to-date. Click **Close** to exit Dell Command | Update.

Based on the availability of updates and preferences you have set, the **No updates available** message is displayed. This message is displayed in the following scenarios:

- When you retain the default **Download Filter** preferences and no updates are available.
- When all the available updates are selected for hiding.

NOTE: Click **View** to check for the updates on the **View Details** screen. Click **Close** to return to the **Selected Updates** screen.

The **No updates are available (Based on the current 'Download Filter' preference settings)** message is displayed when you modify the default **Download Filter** preferences and no updates are available.

If updates are found, the **Selected Updates** screen is displayed. For more information, see [Selecting Updates](#).

2. Click **View Details** to choose the updates you want to install on the system. The **Customize Selection** screen is displayed.
 - a. To view the updates which were previously hidden, select **Show hidden updates**.
 - b. Click **Close** to return to the previous screen.

For more information, see [Customizing updates](#).

3. (Optional) If you want Dell Command | Update to automatically restart the system after installing updates, select **Automatically restart system (when required)**.
4. Click **Install** to install the selected updates on the system.

NOTE: If you click **Cancel** during installation, Dell Command | Update does not roll back the updates that are already applied and will return to **Welcome** screen.

For installing updates on a new or reimaged system, see [Configuring advanced driver restore settings](#).

Select Updates

On the **Welcome** screen, when you click **Check**, the **checking for updates** task is run and if the updates are available for the system, then the **Selected Updates** screen is displayed. The update summary is displayed next to the heading in the format—`update type <x> of y, z MB`, where 'x' is the number of updates to be downloaded, 'y' is the total number of updates available, and 'z' is the size of the available updates, in megabytes(MB). Based on importance, the updates are classified as follows:

- **Critical Updates**—These updates are important for improving the reliability, security, and availability of the system.
- **Recommended Updates**—These updates are recommended for installation on the system.
- **Optional Updates**—These updates are optional updates.
- **Dell Docking Solution**—These updates are for Dell docking solution.

NOTE: If **Dell Docking Solution** option is selected, then:

- The updates for the Dell Docking Solution cannot be cleared from **Customize Selection** screen.
- The **Automatically restart the system (when required)** option is selected and cannot be cleared.
- The system may restart multiple times and continue the installation.
- One or more categories (Critical, Recommended, Optional) are selected and cannot be cleared if there are updates that are part of the Dell Docking Solution.
- The Dell Docking Solution option is not displayed, if there are no updates available for Dell Docking Solution.

NOTE: A warning is displayed if:





- An update that you must install requires an interim version of the update. If there are multiple intra-dependencies for an update, Dell Command | Update installs the latest possible version. However, this may not be the latest version. This task requires more than one update cycle for installing the latest version of the update. For more information, see [Dependency installation](#).
- Some updates are blocked because the BitLocker is enabled on your system. From the control panel, suspend the BitLocker to proceed with the installation. Dell recommends to resume the BitLocker after the updates are installed.
- Some updates cannot be installed require a power adapter to be plugged into the system.

Customize selection

On the **Selected Updates** screen, click **View Details** to view the **Customize Selection** screen. This screen lists detailed information of all available updates such as name, size, and release date of the component along with other information, which helps you to choose the updates you want to apply to the system. The updates are grouped based on assigned criticality.






The following table lists the options available on this screen.

Table 5. Customize Selection options

User interface	Description
Critical Updates (x of y, size)	View the critical updates available for the system. You can also modify the selection of critical updates. The updates contain the following information: <ul style="list-style-type: none"> • Name of the update. • Size of the update which displays the approximate number of bytes that are required to download the update. • The release date of the update. • If an intermediate update is required, then a warning message is displayed. For more information, hover over View Details. A tool tip  provides additional details of the update package.
Recommended Updates (x of y, size)	View the recommended updates available for the system. The updates contain the following information: <ul style="list-style-type: none"> • Name of the update. • Size of the update which displays the approximate number of bytes that are required to download the update. • The release date of the update. • If an intermediate update is required, then a warning message is displayed. For more information, hover over View Details. A tool tip  provides additional details of the update package.
Optional Updates (x of y, size)	View the optional updates available for the system. The updates contain the following information: <ul style="list-style-type: none"> • Name of the update. • Size of the update which displays the approximate number of bytes that are required to download the update. • The release date of the update. • If an intermediate update is required, then a warning message is displayed. For more information, hover over View Details. A tool tip  provides additional details of the update package.
Select All	Selects all critical, recommended, and optional updates for installation. <p> NOTE: Some updates require a power adapter to be plugged into the system.</p>

Other available options on this screen are:

Table 6. Customize Selection Options

User interface	Description
	If this icon appears next to an update, connect a power adapter to the system to apply the update package. This is restricted to BIOS and firmware updates on notebook or tablet systems.
	If this icon appears next to an update, suspend BitLocker from the Control Panel of your system to apply the update package. NOTE: Dell recommends to resume BitLocker after the updates are installed on your system.
	Click to view a tool tip window with some additional details about the update package.
	Click to open the dell.com/support web page to view the complete details about this update package.
	If this icon appears next to an update, it indicates that it is part of a docking solution update.

Use the check boxes next to the update to select the update packages. The check box at the top of the column toggles selection of all the updates on the **Customize Selection** screen.

Dependency installation

Dell Command | Update uses update packages to determine the latest updates for a system. An update package contains feature enhancements or changes in BIOS, firmware, drivers, and software. Usually, the update is self-sufficient and runs the preinstallation and applicable dependencies; however, the update may be dependent as described here:

- **Intra dependencies:** These updates are of the same update type such as BIOS, and must be installed or updated in a particular order which may require multiple scans and updates.

For example, consider that your system has version A01 of BIOS installed and version A05 is an available update, and version A03 is a prerequisite of version A05. You must first update the system to version A03. Dell Command | Update updates the system to version A03 before allowing an update to version A05.

NOTE: When you opt for system update, it takes more than one update cycle for the system to be updated to the latest available version(s).

- **Inter dependencies:** If a component update requires an update of another dependent component of a different update type, then the dependent component must be updated before the selected component can be updated to the recommended version.

For example, consider that your system needs a firmware update. To update system firmware, you must first update the system BIOS to a required minimum version. Dell Command | Update updates the system BIOS to the required version before updating the system firmware.

NOTE: When the application initiates a system update, it takes more than one update cycle for the system to be updated to the latest available version(s).

- **NOTE: If the update you want to install has a dependency, Dell Command | Update notifies you during the update process with an information alert**

- **NOTE: Nondependent and interdependent updates are installed prior to intradependent updates.**

Hidden updates


The **Hidden updates** feature allows you to indicate the updates you want to skip and removes them from the list of available updates. You can view the hidden updates on the **Customize Selection** screen by selecting the **Show hidden updates** check box.

NOTE: If the installation of the prior version that is a prerequisite for the available updates is hidden, then the system does not display its subsequent updates. You must unhide and install the prior version in order to install the latest version.

To remove updates of a particular type on running subsequent scans, use the **Update Filter** settings. For more information, see [Configuring update filter settings](#).


Remove update

To remove an update from the list of available updates:

- 1 On the **Customize Selection** screen, click  next to the update that you want to hide.
The update is removed from the list of available updates. It does not appear on the list of available updates on running subsequent system scans.
- 2 Click **Close** to return to the **Selected Updates** screen.

Restore update

To restore an update to the list of available updates:

- 1 On the **Customize Selection** screen, click  next to the update you want to add back to the list of available updates.
The update is restored to the list of available updates.
- 2 Click **Close** to return to the **Selected Updates** screen.

Update history

You can view the details of the previously installed updates on the system on the **Update History** screen. The details include the name of the component, type of the component, date when it was updated, and the current or latest version of the component available on the system. Whenever you install the updates, Dell Command | Update creates restore points that are named Dell Updates within the operating system. Restore points are timestamps which you can use to revert updates to the system files, installed applications, and Windows registry. You can view the list of restore points in the **System Restore** window.

System Restore

You can also use the **System Restore** window to revert any batch of updates that are made to the system.

NOTE: You cannot revert BIOS or firmware updates using the System Restore window as these updates are stored in the hardware.

NOTE: For more information, see the Microsoft documentation about System Restore.

View the update history

To view the update history:

- 1 On the **Welcome** screen, click **Update History**.
The **Update History** screen is displayed.
If multiple updates exist, you can modify the length of each column to view the details.
- 2 Click **Close** to return to the **Welcome** screen.

View and export system information

To view and export the system information:

- 1 On the **Welcome** screen, click **System Information**.
The **System Information** screen is displayed with system details information.
- 2 Click **Export System Details** to save the system details in .XML format.
- 3 Click **Close** to go back to the **Welcome** screen.

Dell Command | Update command line interface options

The command line interface (CLI) allows administrators to use automated remote deployment infrastructure for updates. The command line interface provides basic options and does not include all features that the GUI version of the application supports.

Dell Command | Update provides a command line version of the application for use with batch and scripting scenarios. The CLI is fully automatic and has no interactive user prompts. The basic runtime options are provided as command line parameters, such as setting a catalog location, importing a new policy file, and changing the default log location.

To run the CLI interface: From the Dell Command | Update installation folder, in command prompt, run the `dcu-cli.exe` command.

To view additional information about which options are available: From the Dell Command | Update installation folder, in command prompt, run `dcu-cli.exe -?`.

Dell Command | Update CLI provides the return codes after the execution is complete:

- 0 = OK/Success
- 1 = Reboot Required
- 2 = Fatal Error
- 3 = Error
- 4 = Invalid System
- 5 = Reboot And Scan Required

When you run `dcu-cli.exe`, if no parameters are provided, the default behavior is to check, download, and install the available updates.

NOTE:

- Some updates cannot be installed unless the power adapter is plugged into the system.
- If some updates require a restart to complete the installation, system does not restart automatically.

Command line interface reference

The following table lists information about the CLI options available in Dell Command | Update:

The CLI syntax is as follows:

dcu-cli.exe <option1> [<value1>] <option2> [<value2>]...

Table 7. CLI Reference

CLI options	Description	Syntax
<code>/?</code>	Displays the usage of all CLI options.	<code>dcu-cli.exe /?</code>

CLI options	Description	Syntax
	i NOTE: All other options are ignored with /?.	
/catalog	<p>Sets the repository and catalog file location. The <value> is the path for log directory.</p> <p>The /catalog parameter does not accept a list of paths, and it only accepts a single path.</p> <p>If you want to include multiple paths, for example have a backup location, then you can use the /policy option.</p>	<pre>dcu-cli.exe /catalog \ \MyServer\MyRepositoryShare \MyCatalog.xml For a mapped drive :dcu-cli.exe /catalog \\Z: \MyRepositoryFolder \MyCatalog.xmlMyServer \MyRepositoryShare \MyCatalog.xml</pre>
/help	Displays the usage of all CLI options.	dcu-cli.exe /help
/log	Sets the log file directory. The <value> is the path for log directory.	dcu-cli.exe /log C:\logs
/policy	<p>Specifies a policy file to determine settings during a single execution. The <value> is the path for policy.</p> <p>A policy file can include one or more catalog paths for the CLI.</p>	dcu-cli.exe /policy C:\temp\MyPolicy.xml
/import	Imports the policy file. The /policy option is required to specify the file.	dcu-cli.exe /import /policy C:\temp\MyPolicy.xml
	i NOTE: You cannot use this option with any other option.	
/reboot	Reboots the system automatically (if required by any update).	dcu-cli.exe /reboot
/silent	Runs the CLI options silently (no status output displayed).	dcu-cli.exe /silent
/hidden	Displays the list of current hidden updates.	dcu-cli.exe /hidden
	i NOTE: You cannot use this option with any other option.	
/driverRestore	Enables reinstallation of drivers. To use a local CAB file, specify the cab path.	/driverRestore or /driverRestore <path_to_cab>
	i NOTE: If the path is not specified, Dell Command Update uses the Dell cab file specific to the system configuration.	
/addToIgnoreList	Adds a device to the ignore list. Devices that are added to the ignore list are not updated; and is not displayed in the report. The <value> is component ID.	dcu-cli.exe /addToIgnoreList <ComponentID>
/removeFromIgnoreList	Removes a device from the ignore list. The <value> is component ID.	dcu-cli.exe /removeFromIgnoreList <ComponentID>
/deleteIgnoreList	Deletes all devices from the ignore list.	dcu-cli.exe /deleteIgnoreList

CLI options	Description	Syntax
<code>/report</code>	Generates a report (in .XML format) that displays the available updates only (no update performed). The <value> is file path for report output file.	<code>dcu-cli.exe /report <path_to_report_file></code>
<code>/reportAll</code>	Generates a report (in .XML format) that displays all updates. This report includes the updates from the ignore list as well. The <value> is file path for report output file.	<code>dcu-cli.exe /report <path_to_report_file> /reportAll</code>
<code>/reportIgnoreList</code>	Generates a report (in .XML format) that displays the available devices in the ignore list. The <value> is file path for the ignore list report output file.	<code>dcu-cli.exe /reportIgnoreList <path_to_report_file></code>
<code>/reportISV</code>	Generates a report (in .XML format) that displays the available ISV updates only (no update performed). The <value> is file path for the report output file.	<code>dcu-cli.exe /reportISV <path_to_report_file></code>
<code>/forceUpdate</code>	Installs one selected update forcefully regardless of version number. The <value> is release ID of the update.	<code>dcu-cli.exe /forceUpdate <ReleaseID></code>
	NOTE: The selected update can even be from the ignore list.	
<code>/version</code>	Displays the Dell Command Update version information.	<code>dcu-cli.exe /version</code>

Example Commands

- To set the repository or catalog file location:

```
<C:\Program Files(x86)\Dell\CommandUpdate>: dcu-cli.exe /catalog c:\\catalog.xml
```
- To import a new policy file:

```
<C:\Program Files(x86)\Dell\CommandUpdate>: dcu-cli.exe /policy c:\log.txt
```

Command line interface switch combinations

This section describes the expected behavior when the various switches in Dell Command | Update CLI are combined.

NOTE:

- `/?` and `/help` switches are not allowed with any other switch.
- `/import` and `/hidden` switches are not allowed with any other switch.
- `/silent` and `/log` switches are allowed with all the other switches except with itself.

Table 8. Dell Command | Update CLI Combination Switch Matrix

Switches	Supported with	Not Supported with
<code>/?</code> or <code>/help</code>	None	<ul style="list-style-type: none"> <code>/addToIgnoreList</code> <code>/catalog</code> <code>/deleteIgnoreList</code> <code>/driverRestore</code> <code>/forceUpdate</code> <code>/help</code> <code>/hidden</code>

Switches	Supported with	Not Supported with
		<ul style="list-style-type: none"> • /import • /log • /policy • /reboot • /removeFromIgnoreList • /report • /reportAll • /reportIgnoreList • /reportISV • /silent • /version
/addToIgnoreList	<ul style="list-style-type: none"> • /catalog • /silent 	<ul style="list-style-type: none"> • /addToIgnoreList • /deleteIgnoreList • /driverRestore • /forceUpdate • /help • /hidden • /import • /log • /policy • /reboot • /removeFromIgnoreList • /report • /reportAll • /reportIgnoreList • /reportISV • /version
/catalog	<ul style="list-style-type: none"> • /addToIgnoreList • /forceUpdate • /log • /policy • /reboot • /report • /reportAll • /silent 	<ul style="list-style-type: none"> • /catalog • /deleteIgnoreList • /driverRestore • /help • /hidden • /import • /removeFromIgnoreList • /reportIgnoreList • /reportISV • /version
/deleteIgnoreList	<ul style="list-style-type: none"> • /silent 	<ul style="list-style-type: none"> • /addToIgnoreList • /catalog • /deleteIgnoreList • /driverRestore • /forceUpdate • /help • /hidden • /import • /log • /policy

Switches	Supported with	Not Supported with
		<ul style="list-style-type: none"> • /reboot • /removeFromIgnoreList • /report • /reportAll • /reportIgnoreList • /reportISV • /version
/driverRestore	<ul style="list-style-type: none"> • /log • /reboot • /silent 	<ul style="list-style-type: none"> • /addToIgnoreList • /catalog • /deleteIgnoreList • /driverRestore • /forceUpdate • /help • /hidden • /import • /policy • /removeFromIgnoreList • /report • /reportAll • /reportIgnoreList • /reportISV • /version
/forceUpdate	<ul style="list-style-type: none"> • /catalog • /reboot • /silent 	<ul style="list-style-type: none"> • /addToIgnoreList • /deleteIgnoreList • /driverRestore • /forceUpdate • /help • /hidden • /import • /log • /policy • /removeFromIgnoreList • /report • /reportAll • /reportIgnoreList • /reportISV • /version
/hidden	None	<ul style="list-style-type: none"> • /addToIgnoreList • /catalog • /deleteIgnoreList • /driverRestore • /forceUpdate • /help • /hidden • /import • /log • /policy

Switches	Supported with	Not Supported with
		<ul style="list-style-type: none"> • /reboot • /removeFromIgnoreList • /report • /reportAll • /reportIgnoreList • /reportISV • /silent • /version
/import	<ul style="list-style-type: none"> • /policy 	<ul style="list-style-type: none"> • /addToIgnoreList • /catalog • /deleteIgnoreList • /driverRestore • /forceUpdate • /help • /hidden • /import • /log • /reboot • /removeFromIgnoreList • /report • /reportAll • /reportIgnoreList • /reportISV • /silent • /version
/log	<ul style="list-style-type: none"> • /catalog • /driverRestore • /policy • /reboot • /report • /reportAll • /silent 	<ul style="list-style-type: none"> • /addToIgnoreList • /deleteIgnoreList • /forceUpdate • /help • /hidden • /import • /log • /removeFromIgnoreList • /reportIgnoreList • /reportISV • /version
/policy	<ul style="list-style-type: none"> • /catalog • /log • /import • /reboot • /report • /reportAll • /silent 	<ul style="list-style-type: none"> • /addToIgnoreList • /deleteIgnoreList • /driverRestore • /forceUpdate • /help • /hidden • /policy • /removeFromIgnoreList • /reportIgnoreList • /reportISV

Switches	Supported with	Not Supported with
		<ul style="list-style-type: none"> · /version
/reboot	<ul style="list-style-type: none"> · /catalog · /driverRestore · /forceUpdate · /log · /policy · /report · /reportAll · /silent 	<ul style="list-style-type: none"> · /addTolgnoreList · /deletelgnoreList · /help · /hidden · /import · /reboot · /removeFromIgnoreList · /reportIgnoreList · /reportISV · /version
/removeFromIgnoreList	<ul style="list-style-type: none"> · /silent 	<ul style="list-style-type: none"> · /catalog · /help · /log · /policy · /import · /reboot · /hidden · /driverRestore · /addTolgnoreList · /removeFromIgnoreList · /deletelgnoreList · /report · /reportAll · /reportIgnoreList · /reportISV · /forceUpdate · /version
/report	<ul style="list-style-type: none"> · /catalog · /log · /policy · /reboot · /reportAll · /silent 	<ul style="list-style-type: none"> · /addTolgnoreList · /deletelgnoreList · /driverRestore · /forceUpdate · /help · /hidden · /import · /removeFromIgnoreList · /report · /reportIgnoreList · /reportISV · /version
/reportAll	<ul style="list-style-type: none"> · /catalog · /log · /policy · /reboot · /reportAll 	<ul style="list-style-type: none"> · /addTolgnoreList · /deletelgnoreList · /driverRestore · /forceUpdate · /help · /hidden

Switches	Supported with	Not Supported with
	<ul style="list-style-type: none"> · /silent 	<ul style="list-style-type: none"> · /import · /removeFromIgnoreList · /report · /reportIgnoreList · /reportISV · /version
/reportIgnoreList	<ul style="list-style-type: none"> · /silent 	<ul style="list-style-type: none"> · /addToIgnoreList · /catalog · /deleteIgnoreList · /driverRestore · /forceUpdate · /help · /hidden · /import · /log · /policy · /reboot · /removeFromIgnoreList · /report · /reportAll · /reportIgnoreList · /reportISV · /version
/reportISV	<ul style="list-style-type: none"> · /silent 	<ul style="list-style-type: none"> · /addToIgnoreList · /catalog · /deleteIgnoreList · /driverRestore · /forceUpdate · /help · /hidden · /import · /log · /policy · /reboot · /removeFromIgnoreList · /report · /reportAll · /reportIgnoreList · /reportISV · /version
/silent	<ul style="list-style-type: none"> · /addToIgnoreList · /catalog · /deleteIgnoreList · /driverRestore · /forceUpdate · /log · /policy 	<ul style="list-style-type: none"> · /help · /hidden · /import · /silent · /version

Switches	Supported with	Not Supported with
	<ul style="list-style-type: none"> · /reboot · /removeFromIgnoreList · /report · /reportAll · /reportIgnoreList · /reportISV 	
/version	None	<ul style="list-style-type: none"> · /addToIgnoreList · /catalog · /deleteIgnoreList · /driverRestore · /forceUpdate · /help · /hidden · /import · /log · /policy · /reboot · /removeFromIgnoreList · /report · /reportAll · /reportIgnoreList · /reportISV · /silent · /version

Dell Command | Update settings

The **Settings** screen enables you to configure and customize settings for update download and storage locations, update filters, schedule for downloading updates, Internet proxy, import or export settings, and driver libraries download location. It has the following tabs:

- **General**—See [Configuring general settings](#) for information about configuring or modifying locations to download and store updates, and Internet proxy settings.
- **Schedule**—See [Scheduling to check for updates](#) for information about configuring the schedule for system updates.
- **Update Filter**—See [Configuring update filter settings](#) for information about modifying and saving filter options for scheduled updates.
- **Import/Export**—See [Import or export settings](#) for information about importing and exporting settings.
- **Advance Driver Restore**—See [Configuring advanced driver restore settings](#) for information about configuring the location for downloading driver libraries.

Click **Restore Defaults** to revert to the original default settings.


 **NOTE:** If your administrator applies a policy, the **Restore Defaults** option is disabled.

Topics:

- [Configure the general settings](#)
- [Schedule to check for updates](#)
- [Configure the update filter settings](#)
- [Import or export settings](#)
- [Policy file](#)
- [Configure advanced driver restore settings](#)

Configure the general settings

In the **General** tab, you can update the storage location, update the download location, and configure or modify internet proxy settings. To configure the general settings:

- 1 On the title bar, click **Settings**.
The **Settings** screen is displayed.
- 2  **NOTE:** Dell Command | Update automatically deletes the update files from this location after installing the updates.
Under **Download File Location**, click **Browse** to set the default location or to change the default location for storing the downloaded updates.
- 3 Under **Update Source Location**, click **New** to add a location for downloading the updates. For more information, see [Updating source location](#).
- 4 Under **Internet Proxy**, you can do one of the following:
 - Select **Use current internet proxy setting** to use the current internet proxy settings available on the system.
 - Select **Custom proxy setting** to configure a proxy server and port.
- 5 If you select **Custom Proxy Settings**, and if you want to use proxy authentication, select the **Use Proxy Authentication** check box and provide user name and password credentials.

 **NOTE:**

- The user name and password credentials are encrypted and saved.

- 6 Click **Ok** to save changes or click **Cancel** to revert to the last saved settings and return to the **Welcome** screen.

NOTE: If an interactive execution of Dell Command | Update is running, you must close Dell Command | Update for the scheduler to check for updates after the set time. This is because only one instance of the application can be running at a time and the scheduler instance is blocked by the interactive instance.

Update the source location

Update Source Location displays the list of all configured update source locations. The default location is **ftp.dell.com**; however, you can add multiple source locations for Dell Command | Update to attempt access and check for updates.

To add a source location, click **New**, navigate to the file location, and select the catalog.xml file. The selected catalog file is added to the list of source locations. Prioritize these locations by clicking the up and down arrows that are associated with the source location entry. Click **Delete** to remove the source location path from the list.

NOTE: Dell Command | Update uses the first source location/catalog it successfully loads. Dell Command | Update does not load each source location that is listed and aggregate the contents together. Dell Command | Update does not check for signatures on any source location that is not available in the Dell.com site.

Schedule to check for updates

You can configure Dell Command | Update to automatically check for updates on the system.

Do the following:

- 1 On the title bar, click **Settings**.
- 2 On the **Settings** screen, click **Schedule**.
- 3 Under **Automatically check for updates > Check for updates**, select one of the following:
 - **Manual Updates Only** - Manually checks for the updates. If you select this option, Dell Command | Update does not run scheduled updates and all the other fields on this page are hidden. To check for updates manually, on the Welcome screen, click **Check**.
 - **Monthly** - Checks for updates every month. Select if you want Dell Command | Update to automatically check for updates every month on the date and time you specify.
 - **Weekly** - Checks for updates every week. Select if you want Dell Command | Update to automatically check for updates every week on the day and time you specify.
- a **NOTE:** The options to select the time and day are available only for the **Monthly** and **Weekly** options.
 - NOTE:** Dell Command | Update checks for updates at random intervals within thirty minutes of the time set in this field.
 - NOTE:** You must close Dell Command | Update for the scheduler to check for updates after the set time.

Under **Select the time**, select the time at which you want Dell Command | Update to check for updates.
- b Under **Select the day**, select the day on which you want Dell Command | Update to check for updates.

For example, if you want Dell Command | Update to check for updates after 10:00 AM on the first day of every month, select **Monthly** under **Check For Updates**, select **10:00 AM** under **Select the time**, and select **1** under **Select the day**.
- 4 Under **When updates are found**, select one of the following tasks that Dell Command | Update must perform when it finds updates:
 - Notify Only (When updates are available)
 - Download Updates (Notify when ready to install)
 - Download And Install Updates (Notify after complete)
- 5 If you select **Download and install updates (Notify after complete)**, select the time interval after which you want the system to restart automatically.
- 6 Click **Ok** to save changes, or click **Cancel** to revert to the last saved settings and return to the **Welcome** screen.

After you schedule the check for updates activity and if updates are available, the list of updates is displayed in the **Ready for install** screen.

NOTE: You must exit Dell Command | Update for the scheduled task to run.

Configure the update filter settings

In the **Update Filter** tab, you can configure the filters for downloading and displaying available updates. To configure the update filter settings:

- 1 On the title bar, click **Settings**.
- 2 On the **Settings** screen, click **Update Filter**.
- 3  **NOTE: All updates that are downloaded using the All Updates For System Model option may not be applicable to your system.**

Under the **What To Download** option, select one of the following options:

- **Updates For This System Configuration (Recommended)**—Select this option to download updates specific to the system's configuration.
 - **All Updates For System Model**—Select this option to download updates for all devices that are supported by the system model.
- 4 Under **Customize Updates**, select the update recommendation level, type of update, and its device category.
 - 5 Click **Ok** to save changes or click **Cancel** to revert to the last saved settings and return to the **Welcome** screen.

Import or export settings

The **Import/Export** tab allows you to save the configuration settings in the form of an .XML file. By using an .XML file, you can transfer the settings to another system and also import settings from another system. Using these .XML files you can create common configuration settings for all the installed instances of Dell Command | Update in the organization.

To import or export the configuration settings:



- 1 On the title bar, click **Settings**.
- 2 On the **Settings** screen, click **Import/Export**.
- 3 Click **Export Settings** to save the Dell Command | Update settings on the system in .XML format.
- 4 Click **Import Settings** to import the Dell Command | Update settings from a previously exported settings file.
- 5 Click **Ok** to save changes or click **Cancel** to revert to the last saved settings and return to the **Welcome** screen.

Policy file

A **policy file** enables an administrator to lock program settings so that other users cannot change it. When the program settings are specified in a policy file, the associated settings are disabled on the GUI.

Create a policy file

To create a policy file:

- 1 Configure Dell Command | Update settings such as schedule, proxy, and filters on a sample system and then export the settings by using **Export Settings**. For more information about exporting settings, see [Import or export settings](#).
You can later import these settings as a `policy.xml` file on a client system you want to configure.
- 2 Rename the exported setting file to `policy.xml`.
- 3 Open the `policy.xml` file and review it to ensure that only the attributes you want to lock are included in it.
You may find it necessary to remove some settings from the exported `policy.xml` file if more settings are being locked than required. Ensure that the file is placed in the installation directory for Dell Command | Update to use it.
- 4  **NOTE: Save the `policy.xml` file in a different location before you use it as Dell Command | Update loads the policy data and deletes the policy file. You can use the saved policy file for modifying the policy settings.**
 **NOTE: It is mandatory to name the file `policy.xml` and place it into the installation directory for Dell Command | Update to recognize it as a policy file to be imported.**

Place the `policy.xml` file in the Dell Command | Update installation directory and launch the application.

Sample policy.xml file data

```
<?xml version="1.0" encoding="utf-16"?>
<dellcommandupdate version="1.0" doctype="settings">
<setting name="filtercriticality_urgent">True</setting>
<setting name="scheduledexecution">On</setting>
<setting name="schedulesdays">1</setting>
<setting name="scheduledminute">0</setting>
<setting name="filterapplicable">ShowAllForPlatform</setting>
<setting name="scheduledhour">12</setting>
<setting name="scheduledfrequency">Monthly</setting>
<setting name="automationmode">ScanNotify</setting>
</dellcommandupdate>
```

Add settings in a policy file

To add the settings in a policy file:

- 1 Open the saved `policy.xml` file in an XML editor and add a new `<setting>` element with a valid name and value. For setting the values, refer to the [Settings and applicable values](#) table.

For example: `<setting name="scheduledminute">30</setting>`

- 2 Save the file as an `.xml` file and place it in the Dell Command | Update installation directory, and then launch the application.

- NOTE:** Save the `policy.xml` file in a different location before you use it as Dell Command | Update loads the policy data and deletes the policy file. You can use the saved policy file for modifying the policy settings.
- NOTE:** It is mandatory to name the file `policy.xml` and to place it in the installation directory for Dell Command | Update to recognize it as a policy file which must be imported.

Settings and applicable values

Table 9. Settings and applicable values

Setting	Applicable value
AutomationMode	ScanNotify, ScanDownloadNotify, ScanDownloadApplyNotify, or ScanDownloadApplyReboot
AutoReboot	True or False
AutoRebootSystemWait	15 or 30 or 60
Catalog	<path to catalog file>
DownloadPath	<path to download directory>
DriverCabPath	<path to driver cab>
FilterApplicable	ShowAllForPlatform or ShowOnlyForSystemConfig
FilterCriticality_Optional	True or False
FilterCriticality_Recommended	True or False
FilterCriticality_Urgent	True or False
FilterDeviceCategory_Audio	True or False
FilterDeviceCategory_Chipset	True or False

Setting	Applicable value
FilterDeviceCategory_Input	True or False
FilterDeviceCategory_Network	True or False
FilterDeviceCategory_Other	True or False
FilterDeviceCategory_Storage	True or False
FilterDeviceCategory_Video	True or False
FilterUpdateType_Application	True or False
FilterUpdateType_Bios	True or False
FilterUpdateType_Driver	True or False
FilterUpdateType_Firmware	True or False
FilterUpdateType_Other	True or False
FilterUpdateType_Patch	True or False
FilterUpdateType_Utility	True or False
HiddenUpdatesList	comma-separated list of updates ReleaseIDs
IsAdvancedDriverRestoreEnabled	True or False
ProxyAuthenticationEnabled	True or False
ProxyEnabled	True or False
ProxyPassword	Encrypted password created from user entry in the UI
ProxyPort	User specified proxy port value
ProxyServer	User specified proxy server value
ProxyUserName	User specified proxy user name
ScheduledDays	1-7
ScheduledExecution	Off or On
ScheduledFrequency	Weekly or Monthly
ScheduledHour	1-24
ScheduledMinute	1-60
ScheduledRebootWait	5 or 15 or 60

Remove settings from a policy file

To remove the settings from a policy file:

- 1 Open the saved `policy.xml` file in an XML editor.
- 2 Delete the element tag of the setting.
For example: `<setting name="scheduledminute">30</setting>`
- 3 Save the file as an .XML file, place it in the Dell Command | Update installation directory, and launch the application.

NOTE: Save the `policy.xml` file in a different location before you use it, Dell Command | Update loads the policy data and deletes the policy file. You can use the saved policy file for modifying the policy settings.

NOTE: It is mandatory to name the file as `policy.xml` and place it in the installation directory for Dell Command | Update to recognize it as a policy file which must be imported.

Configure advanced driver restore settings

In the **Advanced Driver Restore** tab, you can configure the location to download the driver library for a new or reconditioned system. To configure the Advanced Driver Restore settings:

- 1 On the title bar, click **Settings**.
- 2 On the **Settings** screen, click **Advanced Driver Restore**.
- 3 Click **Enable** to toggle the **Advanced Driver Restore for Windows Reinstallation** option on the **Welcome** screen.

By default, the feature is:

- Enabled when you install Dell Command | Update on your system.
- Disabled if Dell Command | Update is factory installed.
- Disabled if you upgrade from Dell Client System Update 1.3 to Dell Command | Update 2.0 or later.

After the drivers are installed on the system, the feature is disabled.

- 4 Select one of the following options:
 - Download driver library from the **dell.com/support** site (Recommended).
 - **Use the specified driver library:** To download the driver library from a local or network location. Click **Browse** to specify the location.
- 5 Click **Ok** to save changes, or click **Cancel** to revert to the last saved settings and return to the **Welcome** screen.

Accessing documents from the Dell EMC support site

You can access the required documents using the following links:

- For Dell EMC Enterprise Systems Management documents — www.dell.com/SoftwareSecurityManuals
- For Dell EMC OpenManage documents — www.dell.com/OpenManageManuals
- For Dell EMC Remote Enterprise Systems Management documents — www.dell.com/esmmanuals
- For iDRAC and Dell EMC Lifecycle Controller documents — www.dell.com/idracmanuals
- For Dell EMC OpenManage Connections Enterprise Systems Management documents — www.dell.com/OMConnectionsEnterpriseSystemsManagement
- For Dell EMC Serviceability Tools documents — www.dell.com/ServiceabilityTools
- a Go to www.dell.com/Support/Home.
- b Click **Choose from all products**.
- c From **All products** section, click **Software & Security**, and then click the required link from the following:
 - **Enterprise Systems Management**
 - **Remote Enterprise Systems Management**
 - **Serviceability Tools**
 - **Dell Client Command Suite**
 - **Connections Client Systems Management**
- d To view a document, click the required product version.
- Using search engines:
 - Type the name and version of the document in the search box.

Contacting Dell

NOTE: If you do not have an active Internet connection, you can find contact information on your purchase invoice, packing slip, bill, or Dell product catalog.

Dell provides several online and telephone-based support and service options. Availability varies by country and product, and some services may not be available in your area. To contact Dell for sales, technical support, or customer service issues:

- 1 Go to **Dell.com/support**.
- 2 Select your support category.
- 3 Verify your country or region in the **Choose a Country/Region** drop-down list at the bottom of the page.
- 4 Select the appropriate service or support link based on your need.

Appendix - Using Dell Command | Update through the Microsoft System Center Configuration Manager console

This section describes the best practices for installing updates using Dell Command | Update through the Microsoft System Center Configuration Manager console.

NOTE: This section is intended for IT administrators, it is beyond the scope of this document to describe Microsoft System Center Configuration Manager, task sequences, or package deployment process.

Topics:

- [Prerequisites for Dell Command | Update prior to version 2.4](#)
- [Prerequisites for Dell Command | Update version 2.4 and later](#)
- [Using Dell Command | Update through Microsoft System Center Configuration Manager](#)

Prerequisites for Dell Command | Update prior to version 2.4

Following are the prerequisites for using Dell Command | Update through a Microsoft System Center Configuration Manager console.

1 Creating settings file

Create **MySettings.xml** at **C:\Programdata\Dell\CommandUpdate** with the following content:

```
<xml version="1.0" encoding="utf-16">
<dellcommandupdate version="1.0" doctype="settings">
<setting name="downloadpath">C:\ProgramData\Dell\CommandUpdatesetting name="downloadpath"></
setting>
</dellcommandupdate>
```

2 Creating a batch file

Create **RunDCU.cmd** at **C:\Programdata\Dell\CommandUpdate** with the following content:

```
start /wait "C:\Program Files (x86)\Dell\CommandUpdate\dcu-cli.exe" /import /policy C:
\ProgramData\Dell\CommandUpdate\MySettings.xml
if %ERRORLEVEL% == 0 goto RUNDCU
else goto QUITTASK
RUNDCU
"C:\Program Files (x86)\Dell\CommandUpdate\dcu-cli.exe" /log C:\ProgramData\Dell\DCU.log
/silent
:QUITTASK
exit /b %ERRORLEVEL%
```

Prerequisites for Dell Command | Update version 2.4 and later

Following are the prerequisites for using Dell Command | Update through a Microsoft System Center Configuration Manager console.

Creating a batch file

Create **RunDCU_2x.cmd** at **C:\Programdata\Dell\CommandUpdate** with the following content:

```
"C:\Program Files (x86)\Dell\CommandUpdate\dcu-cli.exe" /log C:\ProgramData\Dell\DCU.log /silent
```

Using Dell Command | Update through Microsoft System Center Configuration Manager

Dell recommends to create a task sequence to complete the update using Dell Command | Update through Microsoft System Center Configuration Manager console.

Prerequisites:

- [Creating settings file](#)
- [Creating a batch file](#)

- 1 To create a package:
 - a Right-click on **Packages** under **Application Management** and select **Create Package**.
 - b Click **This package contains source files** and provide the folder details that contain the Dell Command | Update Dell Update Package.
 - c Click **Next**.
 - d Select **Standard Program**, and then click **Next**.
 - e Provide details for the program as per your environment.
 - f Click **Next** till you finish creating the package successfully.
 - 2 Create a task sequence with the following steps in Microsoft System Center Configuration Manager console:
 - a Install Dell Command | Update.
 - b Run Dell Command | Update.
 - c Restart the system.
 - 3 Associate the package created in step 1 with task sequence step 2a Install Dell Command | Update.
 - 4 Associate the batch file created as prerequisite with task sequence — **Step 2b Run Dell Command | Update**.
 - For versions prior to 2.4, associate the batch file — **RunDCU.cmd**
 - For versions 2.4 and later, associate the batch file — **RunDCU_2x.cmd**
- NOTE:**
- Task sequence Step 2b may need to be run multiple times depending on the return code.
 - Dell Command | Update 2.4 and later may require multiple reboots to complete the update. During the reboot process, Dell Command | Update applies the necessary updates, and provides a return code that indicates the status.
 - For Dell Command | Update version 2.4 and later, run the task sequence steps until the return code is 0.
 - Verify that the client system was updated by analyzing the log file manually.
- 5 Associate a client reboot in task sequence step 2c Restart Computer.