

Dell™ Client System Update

Version 1.0

# User's Guide



# Notes and Cautions



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



**CAUTION:** A CAUTION indicates potential damage to hardware or loss of data if instructions are not followed.

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# About This Document

This document describes the Dell Client System Update features, functionalities, and typical use cases. This document does not cover all the scenarios or ways in which Dell Client System Update can be used.

In addition to this guide, there are other product guides you should have for reference. You can find the following guide on the Dell Support website at [support.dell.com/manuals](http://support.dell.com/manuals).

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

## Obtaining Technical Assistance

If at any time you do not understand a procedure in this guide, or if your product does not perform as expected, there are different types of help available. For more information, see "Getting Help" in your system's *Hardware Owner's Manual*.



# Setup and Use

This section contains information on prerequisites and requirements to use Dell™ Client System Update. It also provides an overview about the tool, lists the installation and uninstallation steps, and some typical use cases.

## Overview

The Dell Client System Update is an easy-to-use Graphical User Interface (GUI) and Command Line Interface (CLI) based tool to update your Dell client systems with the latest drivers, BIOS, and firmware. It is a one-to-one standalone utility.

The advantages of using Dell Client System Update are:

- Simplification of the lifecycle management of the Dell client system with the help of an easy to use system software update management tool and process.
- GUI and CLI options to identify and apply applicable drivers for your Dell client system.

## Supported Operating Systems and Systems

### Supported Operating Systems

- Microsoft® Windows® XP 32-bit, service pack 3 and above
- Microsoft Windows XP 64-bit, service pack 2 and above
- Microsoft Windows Vista®, 32 and 64-bit (all service packs)
- Microsoft Windows 7, 32 and 64-bit

### Supported Systems

- Dell OptiPlex™
- Dell Latitude™
- Dell Precision™

## Installing Dell Client System Update

Before you proceed, ensure that you are logged in with administrator privileges on the client system where you want to install Dell Client System Update. You can download and install the Dell Client System Update from the Dell Support website at [support.dell.com](http://support.dell.com).

Use the following steps to install Dell Client System Update:

- 1 Go to the Dell Support website at [support.dell.com](http://support.dell.com) → **Drivers & Downloads**.
- 2 Download **Dell\_Client\_System\_Update.zip** to the local drive on your client system.
- 3 Extract the contents of the **.zip** file and double-click **Dell\_Client\_System\_Update\_Setup\_1.0.exe**.
- 4 On the **Welcome** screen of Dell Client System Update displays, click **Next**.
- 5 Select **I accept the terms in the license agreement** and click **Next**.
- 6 In the **Destination Folder** screen, click **Change** to select a different destination folder, where you want the application to be installed.
- 7 The **Installation Configuration** screen displays. Select a language for the application and click **Next**.
- 8 The **Ready to Install the Application** screen displays. Click **Next** to start installation.
- 9 The **Installation Completed Successfully** screen displays. Click **Finish**.

Dell Client System Update is installed on your client system.

## Uninstalling Dell Client System Update

For information on uninstalling programs, see your operating system documentation.



# Checking and Installing Updates

Use the following steps to check and install updates:

- 1 Launch Dell Client System Update.
- 2 In the **Home** screen, click **Check for Dell Updates**.

Dell Client System Update connects to the Dell Support site, or any other source location that you have configured, and checks for updates. Click **Cancel** to return to the previous screen without checking for updates. For more information on changing the source location, see the "Download File Location" section.

If updates are available, and with the default settings, Dell Client System Update organizes them into the following categories:

- **All Updates** — Select to install all updates
  - **Critical & Recommended** — Select to install only the critical and recommended updates
  - **Critical** — Select to install only the critical updates
- 3 Select one of the categories, or click **Customize Selection** to select the updates that you want to apply to your system. Click **Continue** to return to the previous screen.
  - 4 Select the **Automatically Reboot System** check box if you want Dell Client System Update to automatically restart your system after installing updates, when required.
  - 5 Click **Install** to install the selected updates on your system.
  - 6 During installation, click **Cancel** to return to the **Home** screen after installing the current update, cancelling the rest.



**NOTE:** If you click **Cancel**, Dell Client System Update does not roll back the updates that are already applied.

# Scheduling to Check for Updates

You can configure Dell Client System Update to automatically check for updates on your system during specific intervals of time.

Use the following steps to configure Dell Client System Update to automatically check for updates:

- 1 Launch Dell Client System Update.
- 2 Click **advanced** from the bottom-right corner of the Dell Client System Update **Home** screen.
- 3 From the top menu bar, click **schedule**.
- 4 Under **Automatically check for updates**, you can check for updates by selecting one of the following:
  - **Manual Updates Only** — Select this option if you want to manually check for updates. In this case, Dell Client System Update does not run scheduled updates and all the other fields on this page are hidden.
  - **Monthly** — Select this option if you want Dell Client System Update to check for updates every month.
  - **Weekly** — Select this option if you want Dell Client System Update to check for updates every week.

For example, if you want Dell Client System 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**.



**NOTE:** Dell Client System Update checks for updates at random intervals within thirty minutes of the time set in this field.



**NOTE:** You must close Dell Client System Update for the scheduler to check for updates after the set time.

- 5 Under **When updates are found**, select one of the following tasks that Dell Client System 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).**

- 6** If you select **Download and install updates (Notify after complete)**, select the time interval after which you want the system to restart automatically.
- 7** Click **Save** to save changes. Click **Cancel** to revert to the last saved settings.
- 8** Under **Download Filter**, click **Edit Download Filter** to select the type of updates you want to apply to your system. The **Download Filter** screen displays.
- 9** For more information on editing download filter, see step 2 to step 5 under "Download Filter."
- 10** Click **back to schedule** to return to the **schedule** screen.

## Setting Preferences

You can set preferences for the file download location, configure the download filter, update the source location and proxy, and export or import settings when you download and install updates.

- For information on setting the download file location, see the "Download File Location" section.
- For information on configuring the download filter, see the "Download Filter" section.
- For information on updating the source location and proxy, see the "Update Source Location & Proxy" section.
- For information on exporting and importing settings, see the "Export/Import Settings" section.

## Download File Location

- 1 Click **advanced** from the bottom-right corner of the Dell Client System Update **Home** screen.  
Or  
From the top menu bar, click **preferences**.
- 2 In the **Preferences** screen, click **Download File Location**.
- 3 In the **Download File Location** screen, click **Browse** to set the default location or make changes to the existing default location. Dell Client System Update automatically deletes the update files from this location after installing the updates.
- 4 Click **Save** to save changes. Click **Cancel** to revert to the last saved settings.
- 5 Click **back to preference menu** to return to the **Preferences** screen.

## Download Filter

- 1 Click **advanced** from the bottom-right corner of the Dell Client System Update **Home** screen.  
Or  
From the top menu bar, click **preferences**. The **Preferences** screen displays.
- 2 Click **Download Filter** to select the type of updates to be applied to your system.
- 3 Under **What to Download**, select one of the following options:
  - **Updates for this system configuration (Recommended)** — Select this option to download updates specific to your system's configuration.
  - **All updates for system model** — Select this option to download updates available for your system's model.
- 4 Under **Customize Downloads**, select the update recommendation level, type of update, and its device category.
- 5 Click **Save** to save changes. Click **Cancel** to revert to the last saved settings.
- 6 Click **back to preference menu** to return to the **Preferences** screen.

## Update Source Location & Proxy

- 1** Click **advanced** from the bottom-right corner of the Dell Client System Update **Home** screen.  
Or  
From the top menu bar, click **preferences**.
- 2** In the **Preferences** screen, click **Update Source Location & Proxy** to set or update the source location and proxy details for downloading updates. The **Update Source Location & Proxy** screen with the default source location and internet proxy settings displays.
- 3** Click **New** to add a new source location. If you have multiple download locations, you can prioritize these locations by clicking the up and down arrows associated with the download location entry. Click the **Delete** icon to delete a location.
- 4** Under **Internet Proxy Settings**, select **use current internet proxy settings** to use the current internet proxy settings available on your system, or select **custom proxy settings** to specify your own proxy settings.
- 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.
- 6** Click **Save** to save changes. Click **Cancel** to revert to the last saved settings.
- 7** Click **back to preference menu** to return to the **Preferences** screen.

## Export/Import Settings

The **Export/Import Settings** page allows you to create a file to transfer your settings to another computer. Use this file to create common configuration settings for all the installed instances of Dell Client System Update in your organization.

Use the following steps to create a file and export it to a portable storage media:

- 1** Click **advanced** from the bottom-right corner of the Dell Client System Update **Home** screen.  
Or  
From the top menu bar, click **preferences**. The **Preferences** screen displays.
- 2** Click **Export/Import Settings**. The **Export/Import Settings** screen displays.
- 3** Click **Export Settings** to save the Dell Client System Update settings on your system in XML format. You can then use this XML file to export the settings to another system.
- 4** Click **Import Settings** to import the Dell Client System Update settings from a previously exported settings XML file.
- 5** Click **Restore** to restore the default the Dell Client System Update settings on your system.
- 6** Click **back to preference menu** to return to the **Preferences** screen.

## Viewing and Exporting System Details


Use the following steps to view and export system details:

- 1 Click **advanced** from the bottom-right corner of the Dell Client System Update **Home** screen.
- 2 From the top menu bar, click **system details** to view details of drivers, BIOS, and application settings of your system.
- 3 Click **Export** to save the system details in XML format.
- 4 Click **home** to go back to the **Home** screen.

## Viewing and Exporting the Activity Log

This sub-section contains information on how to view and export the Dell Client System Update activity log.

Use the following steps to view and export the activity log:

- 1 Click **advanced** from the bottom-right corner of the Dell Client System Update **Home** screen.
- 2 From the top menu bar, click **activity log**. The **Activity Log** screen displays.
- 3 Under the **View** drop-down menu, select the number of days from which you want to view the update activities that Dell Client System Update has performed on your system. For example, if you select **Last 30 Days**, you can view update activities that Dell Client System Update has performed during the last 30 days.
- 4 Click **Clear** to clear the log.  
 **NOTE:** This action is permanent and cannot be undone.
- 5 Click **Export** to export the activity log in XML format.
- 6 Click **Save** to save changes. Click **Cancel** to revert to the last saved settings.
- 7 Click **home** to go back to the **Home** screen.

# Policy File

A policy file is a mechanism that you, as an administrator, can use to lock any number of program settings from being changed by system users. When the program settings are specified in a policy, the associated settings controls become unchangeable from inside the program interface.

## Creating a Policy File

Use the following steps to create a policy file:

- 1 Configure Dell Client System Update settings like schedule, proxy, filters, and so on, on a sample system and then export the settings using **Export Settings**. For more information on exporting settings, see the "Export/Import Settings" section.
- 2 Rename the exported setting file to **policy.xml**.
- 3 Place the **policy.xml** file in the Dell Client System Update installation directory and launch the application. Dell Client System Update loads the policy data and deletes the policy file.



**NOTE:** The policy data is stored permanently outside the program installation directory.



**NOTE:** It is mandatory to name the file as **policy.xml** for Dell Client System Update to recognize it as a policy file to import.

You may find it necessary to remove some settings from the exported **policy.xml** file if more settings are being locked than required.



### Sample Policy.xml File Data

```
<?xml version="1.0" encoding="utf-16"?>
  <dellclientsystemupdate version="1.0" doctype=
"settings">
  <setting name=
"filtercriticality_urgent">True</setting>
  <setting name="scheduledexecution">On</setting>
  <setting name="schooleddays">1</setting>
  <setting name="schooledminute">0</setting>
  <setting name=
"filterapplicable">ShowAllForPlatform</setting>
  <setting name="schooledhour">12</setting>
  <setting name=
"schooledfrequency">Monthly</setting>
  <setting name="automationmode">ScanNotify</setting>
</dellclientsystemupdate>
```



## CLI Options

Use the command line interface options for Dell™ Client System Update to execute the application remotely. The CLI provides only basic usage options and does not include all features that the GUI version of the application supports.

Table 3-1 lists a summary of the Dell Client System Update command options.

**Table 3-1. Dell Client System Update Command Options**

Command	Option	Value	Description
<i>dcsu-cli.exe</i>	<i>/options</i>	NA	Displays the command line options.
	<i>/?</i>	NA	Displays the usage of the command.
	<i>/catalog</i>	<file location>	Sets the repository or catalog file location.
	<i>/help</i>	NA	Displays the usage of the command.
	<i>/log</i>	<file location>	Sets the log file location.
	<i>/policy</i>	<file location>	Imports a new policy file.
	<i>/reboot</i>		Restarts the system automatically, if required.
	<i>/silent</i>	NA	Sets the application to run silently.

## Example Commands

- To set the repository or catalog file location <c:\\catalog.xml>:  

```
dcsu-cli.exe /catalog c:\\catalog.xml
```
- To import a new policy file <c:\\log.txt> :  

```
dcsu-cli.exe /policy c:\\log.txt
```

