

# DELL Command Warranty Version 6.3 User Guide

[Home](#) » [Dell](#) » **DELL Command Warranty Version 6.3 User Guide** 



**Dell Command | Warranty Version 6.3**  
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**User's Guide**

## Contents


- 1 Notes, cautions, and warnings
- 2 Dell Command | Warranty
- 3 Installing Dell Command | Warranty
- 4 Launching Dell Command | Warranty
- 5 Configuring Dell Command |  
Warranty
- 6 Retrieving warranty information
- 7 Documents / Resources
- 8 Related Posts

## 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.

## **Dell Command | Warranty**

Dell Command | Warranty can be installed as a stand-alone application or as part of Dell Command | Integration Suite for System Center on systems running Microsoft System Center Configuration Manager. Dell Command | Warranty helps you to retrieve the warranty information for a list of client systems stored in the Configuration Manager's database, or in a file. Client systems are specified by their Service Tags.

### **Topics:**

- Supported System Center Configuration Manager versions
- Supported client operating systems
- Supported server operating systems

### **Supported System Center Configuration Manager versions**

Dell Command | Integration Suite for System Center supports the following versions of Configuration Manager:

- Microsoft System Center 2203 Configuration Manager
- Microsoft System Center 2012 Configuration Manager
- Microsoft System Center 2012 SP1 Configuration Manager
- Microsoft System Center 2012 R2 Configuration Manager
- Microsoft System Center Current Branch Configuration Manager

### **Supported client operating systems**

- Windows 11 64-bit Home
- Windows 11 64-bit Professional
- Windows 10 32-bit
- Windows 10 64-bit
- Windows 10 32-bit Professional
- Windows 10 64-bit Professional
- Windows 10 32-bit Enterprise
- Windows 10 64-bit Enterprise
- Windows 8.1 32-bit
- Windows 8.1 64-bit
- Windows 8.1 32-bit Professional
- Windows 8.1 64-bit Professional
- Windows 8.1 32-bit Enterprise
- Windows 8.1 64-bit Enterprise

### **Supported server operating systems**

- Windows Server 2022

- Windows Server 2019
- Windows Server 2016
- Windows Server 2012 R2
- Windows Server 2012

## Installing Dell Command | Warranty

Dell Command | Warranty can be installed either as a stand-alone application, or as part of the Dell Command | Integration Suite for System Center on systems running Microsoft System Center Configuration Manager.



**NOTE:** You must be logged in as the system administrator to install Dell Command | Warranty.

### Topics:

- Installing Dell Command | Warranty as part of Dell Command | Integration Suite for System Center
- Installing Dell Command | Warranty as a stand-alone application

## Installing Dell Command | Warranty as part of Dell Command | Integration Suite for System Center

1. Download and save the Dell Command | Integration Suite for System Center.exe file to the system you use to manage your clients.
2. Click the Dell Command | Integration Suite for System Center.exe file, and then click Next at the welcome screen.
3. Accept the License Agreement, and then click Next.  
The Choose Installation Options screen is displayed.
4. Select the installation option and click Next.
5. Select the Complete installation option, and then click Next.
6. Follow the remainder of the installation wizard process.
7. When the installation process has completed, click Finish.

## Installing Dell Command | Warranty as a stand-alone application

1. Download and save the Dell Command | Integration Suite for System Center \*.exe file to the system you use to manage your clients.
2. Click the \*.exe file, and then click Next at the welcome screen.
3. Accept the License Agreement, and then click Next.  
The Choose Installation Options screen is displayed.
4. Select the installation option and click Next.
5. Select the Custom installation option, and then click Next.
6. Click the drop-down box beside Configuration Manager Extensions, and select the This feature will not be available option.
7. Click Next, and follow the remainder of the installation wizard process.
8. When the installation process has completed, click Finish.

## Launching Dell Command | Warranty

## Launch Dell Command | Warranty using a command-line tool.

1. Open a command prompt.
2. Go to the folder in which you have placed the Dell Command | Warranty files.  
For example, type: C : \ Program Files (x86)\Dell\Command Integration Suite\
3. Type the name of the executable file.  
For example, type: Dell Warranty-CLI.exe

## Configuring Dell Command | Warranty

### Before you use Dell Command | Warranty, do the following:

1. Launch Dell Command | Warranty.  
For more information, see Launching Dell | Command Warranty.
2. Enter Dell Warranty-CLI.exe/H to display usage.



**NOTE:** For Dell Command | Warranty to function you must provide an /InputFile or an /InputCfgMgrConnectionString parameter. See Command-line interface (CLI) options.

3. Logs for Dell Command | Warranty can be found at the default log location: % Program Data %\Dell\Command Integration Suite\warranty. log.



**NOTE:** For Verbose logs during Dell Command | Warranty execution, use /V parameter. See Command-line interface (CLI) options.

## Retrieving warranty information

1. If the system on which Dell Command | Warranty is installed has access to Configuration Manager and connects to the Internet (including through proxy):
  - a. Launch Dell Command | Warranty.  
For more information, see Launching Dell Command | Warranty.
  - b. Configure Dell Command | Warranty.  
For more information, see Configuring Dell Command | Warranty.
  - c. To retrieve the warranty information through the Configuration Manager database:
    - Use the command: DellWarranty-CLI.exe /ICS="Data Source=[host];Database=[ Configuration Manager dbname];Integrated Security=true;"
    - Connection string to the Configuration Manager database:
    - "Data Source=[host];Database=[ Configuration Manager dbname];Integrated Security=true;"
    - "Data Source=[host];Database=[ Configuration Manager dbname];User id=[username];Password=[userpwd]"



**NOTE:** If you choose not to pass the password as a plain text command line argument, Dell Command | Warranty prompts for a password separately to mask or hide the plain text password.

See CLI Options for more information.

The warranty information of the Dell client systems is retrieved and saved as a .csv file in the default path: [%ProgramData%\Dell\CommandIntegrationSuite\][WarrantyOutputyyyyMMddhhmmss].csv



**NOTE:** The file is saved as WarrantyInformation yyyyMMddhhmmss. csv (where yyyy is the year, MM is

the month, dd is the day, hh is the hour, mm is the minute, and ss is the second).

2. If the system on which Dell Command | Warranty is installed does not have access to Configuration Manager, but connects to the Internet (including through proxy):
  - a. Launch Dell Command | Warranty.

For more information, see Launching Dell Command | Warranty .

- b. Create a .csv file containing the service tags.
  - c. To retrieve the warranty information for the service tags saved in the .csv file, you created in the previous step:
    - Enter the following command: `DellWarranty-CLI .exe /I=C: \ FileName.csv`. The warranty information of the Dell client systems is retrieved and saved as a .csv file in the default path: `[%ProgramData%\Dell\CommandIntegrationSuite\][WarrantyOutput\yyyyMMddhhmmss].csv` To override the default path, use the command-line option `/E`. See Command-line interface (CLI) options.



**NOTE:** The file is saved as `War rantyOutput[yyyyMMddhhmmss].csv` (where yyyy is the year, MM is the month, dd is the day, hh is the hour, mm is the minute, and ss is the second).






**NOTE:** The default name can also be overwritten when you use the command-line option `/E`. Also, if invalid tags are found in the request file, a `%ProgramData% \ Dell \CommandIntegrationSuite \ ] [WarrantyerrorOutput[yyyyMMddhhmmss] .csv)` file is created.



## Command-line interface (CLI) options


Use the following CLI options and syntax when engaging the warranty tool. CLI options are listed in the first column, followed by their abbreviations, descriptions, and syntax in subsequent columns. The command syntax is: `C:\Program Files (x86)\Dell\CommandIntegrationSuite>DellWarranty-CLI.exe /?DellWarranty-CLI.exe (/I=<filename> 1 /Ics=<string>) [/E=<filename>] [/Ocs=<string>] [/F=<string>] [/ Ps=<string>] [/Pu=<string>] [/Pd=<string>] [/V] [1141] [/H] [/U]`

**Table 1. CLI options and syntax**

CLI Option Name	CLI Option Abbreviation	Description	Syntax
/Help	/H	Display usage (this information). The parameter is optional.	Dell WarrantyCLI.exe/H
/Usage	/U	Display usage (this information). The parameter is optional.	Dell WarrantyCLI.exe /U

/InputFile	/I	 <b>NOTE:</b> For the warranty tool to function, you must provide at least one of the two input flags, /I or /lcs. The full path to an input CSV file of service tags (C:\FileName.csv) Required parameter; can be used with configuration manager connection string.	Dell Warranty-CLI. exe/ I=C:\File Name.csv
/InputCfgMgrConnectionString	/lcs	 <b>NOTE:</b> For the warranty tool to function, you must provide at least one of the two input flags, /I or /lcs. Connection string to the Configuration Manager database. ("Data Source=[host];Database=[Configuration Manager dbname];Integrated Security=true;") ("Data Source=[host];Database=[ Configuration Manager dbname];User id=[username];Password=[userpwd]")  <b>NOTE:</b> If you choose not to pass the password as a plain text command line argument, Dell Command   Warranty prompts for a password separately to mask or hide the plain text password. Required parameter; can be used with input CSV file.	Dell Warranty-CLI.exe/ lcs=" Data Source=[host]; Data base = [Configuration Manager db name] ; Integrated Security=true ; "
/ExportFile	/E	The full path to a CSV export file. File will contain warranty information after CLI execution.(Default:[%ProgramData%\Dell\CommandIntegrationSuite\ ] [WarrantyOutput_[yyyyMMddhhmmss].csv (C:\WarrantyOutputFileName.csv) The parameter is optional.	Dell Warranty-CLI. exe/ I= C:\File Name.csv/ E=C:\Warranty Output file name.csv

/OutputConnectionString	/Ocs	<p>Connection string to the output warranty database. Will contain warranty information after CLI execution.</p> <p>("Data Source=[host];Database=[Warranty dbname];Integrated Security=true;")</p> <p>The parameter is optional. The /Ocs command creates a database with the name given as above. The location of the database is %USERPROFILE%\[Warranty dbname].mdf, while the log file is %USERPROFILE%\[Warranty dbname]_log.ldf.</p> <p>The %USERPROFILE% variable is typically C:\Users\[username]\ on a Windows 10 system.</p> <p>Once the database is created, the /Ocs command creates two additional tables: Dell_Asset and Dell_AssetEntitlement. These tables are used to store warranty data that is cleared first, and then populated from your /InputFile or /InputCfgMgrConnectionString servicetags.</p> <p> <b>NOTE:</b> Once the database has been created, you can change the location of your [warranty dbname].mdf and [Warranty dbname]_log.ldf files using either the SQL command, alter database, or SQL Server Management Studio.</p> <p> <b>NOTE:</b> If the database already exists and the Dell_Asset and Dell_AssetEntitlement tables do not exist, then you must create the tables.</p>	<p>Dell Warranty – CLI.exe / I=C:\File Name.csv/ Ocs= " Data Source= [host]; Database = [Warranty dbname]; Integrated Security = true; "</p>
/Filter	/F	<p>Filter for the warranty API and Database (Default: AnyWarranty) (ActiveWarranty or ExpiredWarranty or WarrantyExpiringIn30Days) (/F=ActiveWarranty)</p> <p>The parameter is optional.</p>	<p>Dell Warranty CLI.exe / I = C : \ File Name.csv / F = Active Warranty</p>
/ProxyUrl	/Ps	<p>Proxy Server URL (<a href="#">proxy.domain.com</a>:port)</p> <p>The parameter is optional.</p>	<p>Dell Warranty – CLI.exe / I = C : \File Name.csv / Ps =<a href="#">proxy.domain.com</a> [ : port]</p>

/ProxyUser	/Pu	Proxy User Name ([proxy user name]) The parameter is optional.	Dell Warranty – CLI.exe/ I = C : \ File Name.csv / Ps = <a href="#">proxy.domain.com</a> [: port] / Pu = [proxy user name] / Pd = [proxy user password]
/ProxyPwd	/Pd	Proxy User Password (/Pd=[proxy user password]) The parameter is optional.  <b>NOTE:</b> If you choose not to pass the password as a plain text command line argument, Dell Command   Warranty prompts for a password separately to mask or hide the plain text password.	Dell Warranty – CLI.exe / I = C : \ File Name.csv / Ps = <a href="#">proxy.domain.com</a> [: port] / Pu = [ proxy user name ] / Pd = [ proxy user password]
/Verbose	/V	Display additional information while executing (/V) The parameter is optional.	Dell Warranty CLI.exe / I = C : \ File Name.csv / V
/Wait	/W	Wait for user input before terminating – best used when debugging (/W) The parameter is optional.	Dell Warranty CLI.exe / I = C : \ File Name.csv/ W


### Warranty output database schema


The following data dictionary is created when you use the /Ocs switch.

Sample command: Dell Warranty – CLI.exe/ I = C : \ Users\ [user name] \ Documents \ File Name.csv / Ocs = "

Data Source = ( localdb ) \ MSSQLLocalDB;

Data base = [ dbname ] ; Integrated Security = true; "

 **NOTE:** Supply the variable [dbname] within the /Ocs switch parameters as illustrated by the above sample command.

 **NOTE:** If you choose not to pass the password as a plain text command line argument, Dell Command | Warranty prompts for a password separately to mask or hide the plain text password.

**Table 2. Warranty data dictionary**



table_name	column_name	data_type	data_length	is_nullable	Description
Dell_Asset	ServiceTag	nvarchar	100	0	PK
Dell_Asset	BUID	int	4	1	NA
Dell_Asset	ProductId	nvarchar	100	1	NA
Dell_Asset	CountryLookupCode	nvarchar	256	1	NA
Dell_Asset	LOB	nvarchar	512	1	NA
Dell_Asset	MachineDescription	nvarchar	512	1	NA
Dell_Asset	ShipDate	datetime	8	1	NA
Dell_Asset	LastUpdated	datetime	8	1	NA
Dell_Asset	LastRetrieval	nvarchar	512	1	NA
Dell_AssetEntitlements	ServiceTag	nvarchar	100	0	FK with [dbo].[Dell_Asset] [ServiceTag]. Also, on ON UPDATE CASCADE ON DELETE CASCADE
Dell_AssetEntitlements	StartDate	datetime	8	1	NA
Dell_AssetEntitlements	EndDate	datetime	8	1	Field used to determine Warranty Filters AnyWarranty, Active Warranty, Expired Warranty, or WarrantyExpiringIn30Days
Dell_AssetEntitlements	ItemNumber	nvarchar	100	1	NA
Dell_AssetEntitlements	ServiceLevelDescription	nvarchar	512	1	NA
Dell_AssetEntitlements	ServiceLevelCode	nvarchar	256	1	NA
Dell_AssetEntitlements	EntitlementType	nvarchar	512	1	NA
Dell_AssetEntitlements	ServiceProvider	nvarchar	256	1	NA
Dell_AssetEntitlements	LastUpdated	datetime	8	1	NA
Dell_AssetEntitlements	LastRetrieval	nvarchar	100	1	NA

Documents / Resources

	<p><a href="#">DELL Command Warranty Version 6.3</a> [pdf] User Guide Command Warranty Version 6.3, Warranty Version 6.3, Version 6.3</p>
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