Dell Dual Charge Dock

Administrator's Guide

Regulatory Model: K21A Regulatory Type: K21A001 November 2023 Rev. A01



Notes, cautions, and warnings

(i) 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.

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

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Introduction

1

This guide is for IT professionals and engineers, to get more information about the following technical topics:

- Step-by-step stand-alone DFU (Dock Firmware Update) and driver update utilities.
- Using DCU (Dell Command | Update) for driver download.
- Dock asset management locally and remotely through DCM (Dell Command | Monitor) and SCCM (System Center Configuration Manager).

Dell docking station firmware update

About this task

NOTE: Dell Docking stations are supported with select Dell systems. See the Dell Commercial Docking Compatibility Guide for the list of supported systems and recommended docking.

Topics:

- Dell docking station firmware update
- Update on Disconnect (UoD)
- Command-Line options
- Approximate firmware update duration
- Logging
- Error handling
- Setting Package Version
- Commands for Automation

Dell docking station firmware update

Standalone Dock Firmware Update utility

() **NOTE:** Information that is provided is for Windows users running the executable tool. For other operating systems or further detailed instructions see the HD22Q admin guide available on www.dell.com/support.

Download the Dell HD22Q dock driver and firmware update from www.dell.com/support. Connect the dock to the system and start the tool in administrative mode.

1. Wait for all the information to be entered in the various Graphical User Interface (GUI) panes.

🧔 Dell Firmware Update Utility	Dell Dock	00.00.16.01	? 🌣 💶 🗆 🗙
Image: Distribution HD22Q Mackage: 00.00.14.01 Mackage: 00.00.14.01	Dell Firmware Update Utility This utility allows you to update the Dell Dock Firmware. To ap below. Warning: The update process may take up to 6 minutes and must not be pocess will likely render your Dock unusable. Before you continue. - DO NOT disconnect the dock or the power source. Detecting MST Connection Type 0%	uply the updates in the list below, cli	ck "Update" button Il Dock Firmware update

2. Update and Exit buttons are displayed in the bottom-right corner. Click the Update button.

Dell Firmware Update Utility D	ell Dock			00.00.16.01	? 🌣 🗆 🗆 🗙
HD22Q	Dell Firmware Update U This utility allows you to update the below. Warning: The update process may take up to process will likely render your Doc Before you continue, - DO NOT disconnect the	tility e Dell Dock Firmwar o 6 minutes and mu k unusable. e dock or the power	re. To apply the up st not be interrupte source.	dates in the list below, clic ed. Interruption of the Dell	k "Update" button Dock Firmware update
Package 00.00.14.01 Version: 00.00.14.01 Service Tag: 8FN9QH3 Power Source: ↓ + ዿ (99%)	Status 🔨 Payload Name HD22Q MST	Current Version 06.04.02	New Version 06.04.02	Progress Details	
About	Gen1 Hub Gen2 Hub	01.50	01.51		
	HD22Q Dock Ec	00.00.00.09	00.00.00.12		
				Update	Exit

3. Wait for all the component firmware update to complete. A progress bar is displayed in the bottom.

Dell Firmware Update Utility D	ell Dock				00.00.16.01 ? 🏟 _ 🗆
	Dell Firm	ware Update U	tility		
	This utility al below.	lows you to update th	e Dell Dock Firmwa	re. To apply the up	dates in the list below, click "Update" button
HD22Q	Warning: The update p process will Before you c - D ^r	process may take up to likely render your Doc continue, O NOT disconnect the	o 6 minutes and mu k unusable. e dock or the power	ust not be interrupte r source.	ed. Interruption of the Dell Dock Firmware update
Package 00.00.14.01	Status 🔺	Payload Name	Current Version	New Version	Progress Details
Service Tag: 8FN9QH3	×	HD22Q MST	06.04.02	06.04.02	Up To Date
Power Source:	×	Gen1 Hub	01.50	01.51	Updated.
About	×	Gen2 Hub	01.55	01.55	Up To Date
	•	HD22Q Dock Ec	00.00.00.09	00.00.00.12	Updating Firmware.
	Updating De 20%	ll Dock EC Firmware			

4. The update status is displayed above the payload information.

🍖 Dell Firmware Update Utility De	ll Dock				00.00.16.01	? * = 🗆
HD22Q Package Version: 00.00.14.01	Dell Firn This utility a below. Warning: The update process will Before you - D No	nware Update U Illows you to update th process may take up to likely render your Doc continue, DO NOT disconnect the te: Firmware update w	tility e Dell Dock Firmwa o 6 minutes and mu k unusable. e dock or the power as successful.	re. To apply the up ust not be interrupt r source.	dates in the list below, cli ed. Interruption of the De	ck "Update" button «Il Dock Firmware update
Service Tag: 8FN9QH3 Power Source:	Status 🔺	Payload Name	Current Version	New Version	Progress Details	
	×	HD22Q MST	06.04.02	06.04.02	Up To Date	
About	×	Gen1 Hub	01.50	01.51	Updated.	
	×	Gen2 Hub	01.55	01.55	Up To Date	
	×	HD22Q Dock Ec	00.00.00.09	00.00.00.12	Updated.	
						Exit

Update on Disconnect (UoD)

Download the Dell HD22Q dock driver and firmware update from www.dell.com/support. Connect the dock to the system and start the tool in administrative mode.

1. Wait for all the information to be entered in the various Graphical User Interface (GUI) panes.



2. The setting symbol is displayed on the top-right corner. Click the Settings button. Enter "/uod" command and click Ok.

🗶 Dell Firmware Update Utility	Dell Dock	01.00.07.01	? 🏶 🗆 🗁 🗙
<image/>	Dell Firmware Update Utility The utility allows you to update the Dell Dock Firmware. To apply the updates in the list Marine The process may take up to 6 minutes and must not be interrupted. Interruption tikely: render your Dock update. Do NOT disconnect the dock or the power source. Command Line Settings Took Cancel	below, click "Update" bo of the Dell Dock Firmw ts	utton below. are update process will

3. Update and Exit buttons are displayed in the bottom-right corner. Click the Update button.

	Dell Firm	nware Update U	tility				
	This utility a	llows you to update th	e Dell Dock Firmwa	re. To apply the upo	dates in the list belo	w, click "Update" bi	utton below.
HD22Q	Warning: The update likely render Before you o - D	process may take up t your Dock unusable. continue, O NOT disconnect the	o 6 minutes and mu e dock or the power	ist not be interrupte	ed. Interruption of th	e Dell Dock Firmw	are update process v
Package 01.00.07.01	Status 🔨	Payload Name	Current Version	New Version	Progress Details		
Service Tag: BY081L3		HD22Q MST	06.05.01	06.05.01			
Power Source: ₩ + 2 (90%)		Gen1 Hub	01.51	01.51			
About		Gen2 Hub	01.55	01.55			
		HD22Q Dock Ec	01.00.00.03	01.00.00.03			

4. Wait for all the component firmware update to complete. A progress bar is displayed in the bottom. The MST/USB Gen1/USB Gen2 firmware is updated.

(i) NOTE: Only EC supports the disconnect mode.

Les Dell Firmware Update Utility De	ell Dock					01.00.07.01	? 🕸 [- @ ×
	Dell Firmwa This utility allow: Warning: The update proc likely render you Before you cont - DO N	are Update Ut s you to update the ress may take up to ir Dock unusable. inue, OT disconnect the	ility 9 Dell Dock Firmwa 6 minutes and mu dock or the power	re. To apply the upo st not be interrupte source.	dates in the list below, c ed. Interruption of the D	lick "Update" butt ell Dock Firmwar	ton below. e update proce	ess will
Package 01000701 Version: 01000701 Service Tag: BY081L3 Power Source: ♥ + ♀ (90%) About	Status N Pay Pay Cec Cec HC	yload Name D22Q MST en1 Hub en2 Hub D22Q Dock Ec	Current Version 06.05.01 01.51 01.55 01.00.00.03	New Version 06.05.01 01.51 01.55 01.00.00.03	Progress Details Updating Firmware.			
	Updating Dell Do 1%	ock MST Firmware				Update	Exit	
😽 Dell Firmware Update Utility De	ell Dock					01.00.07.01	2 🔅	_ @ ×
Coll Firmware Update Utility Dell Firmware Update Utility Dell Image: Coll of the second	ell Dock Dell Firmwa This utility allow Warning: The update proc will likely render Before you cont efore you cont - DO N	are Update Ut s you to update the cess may take up to your Dock unusab inue. OT disconnect the g: Update(s) will co able for approxima	ility 2 Dell Dock Firmwa 6 minutes and mu le. dock or the power dock or the power tely 1 minute.	re. To apply the up ist not be interrupte source. dock Type C cable	dates in the list below, c ed. Interruption of the D is unplugged from the	01.00.07.01 lick "Update" but ell Dock Firmwar system. The doct	? 🌸 ton below. e update proce	<u>-</u> D ×

- 5. Disconnect the dock from the system. The EC starts the updating process, and the process is completed in a minute's time. Power button LED will flash three time and once update complete.
- 6. Connect the dock to the system, and start the tool in administrative mode. The Dell Firmware Update Utility is completed.

🧔 Dell Firmwa	are Update Utility	Dell Dock					01.00.07.01	? 🌩 I	_ @ ×
HD2	- B 22Q	Dell Firm This utility al Warning: The update tikely render Before you (- D	Inware Update Ut llows you to update the process may take up to your Dock unusable. continue, O NOT disconnect the	ility : Dell Dock Firmwa 6 minutes and mu dock or the power	re. To apply the up ist not be interrupte source.	dates in the list below, ed. Interruption of the	click "Update" but Dell Dock Firmwa	tton below. re update pro	cess will
Package Version:	01.00.07.01	Status 🔨	Payload Name	Current Version	New Version	Progress Details			
Service Tag:	BY081L3		HD22Q MST	06.05.01	06.05.01				
Power Source:	👙 + 🔒 (91%)		Gen1 Hub	01.51	01.51				
Ab	out		Gen2 Hub	01.55	01.55				
			HD22Q Dock Ec	01.00.00.03	01.00.00.03				

Command-Line options

About this task

Table 1. Command line options

Command line	Notes
(none)	A guided Dell Dock Firmware Update with messages.
/? or /h	Display the help screen
/s	Silent
/s /r	System restart
/l= <filename></filename>	Log file
/verflashexe	Display utility version
/componentsvers	Display current version of all dock firmware components
/l= <path></path>	Messages are logged in specific path
/p= <password></password>	Provides the BIOS password if needed during the update process
/uod	Updates Thunderbolt and EC Firmware on Disconnected mode

Update

Approximate firmware update duration

About this task

The firmware update time duration in the following table is from a measurement running Dock Firmware Utility on Dell systems with Windows Operating System. These numbers are for reference only and can vary depending on multiple factors including existing firmware and/or devices attached.

Table 2. Approximate firmware update duration

Firmware	Update duration (in seconds)
EC	64
USB Gen1 Hub	17
USB Gen2 Hub	6
MST Hub	100

Smart update

About this task

EC, USB Gen1/2 Hub, and MST are updated only if incoming version is new.

Logging

About this task

- Dock utility logs to the default file (/s command-line option).
 Default log file is at CurrentDrive: \Dell\UpdatePackage\Log\exename.txt
- Optional logging can be done in any mode using /l=logfilename.txt
- Log message is useful for
 - Debugging
 - Service
 - Component version information

Error handling

Error handling conditions

About this task

Table 3. Error handling conditions

Error Condition	Symptom/Scenario	Message	CLI options
Power Check	If there is no AC adapter or battery that is connected on portable platform.	The AC adapter and battery must be plugged in before the Dell Dock Firmware can be updated. Press OK when they are both plugged in or CANCEL to quit.	forceit, power check is skipped. /s, error message is not displayed and log will have proper error messages.
	If the battery level is less than 10% on portable platform.	The battery must be charged above 10% before the Dock Firmware can be updated. Press OK when the battery is charged or CANCEL to quit.	
Dock Detection	Dock is not connected or detected to system.	No Dell Dock attached. This firmware update utility only works with a single dock attached.	/s, error message is not displayed, and log has proper error messages.

Table 3. Error handling conditions (continued)

Error Condition	Symptom/Scenario	Message	CLI options	
	Multiple docks that are connected to the system	Too many Dell Docks are attached. This update utility only works when a single Dell Dock is attached. Only connect a single Dell Dock and restart the update utility.		
Firmware update fails	 When one firmware component update fails, the error message shows in the "Progress Details" field for this component. The utility continues to update other firmware. After complete firmware update for all components, show the error mess. 	Firmware update failed.	/s, error message is not displayed, and log has proper error messages.	

Automatic dock reboot after firmware update

About this task

Dock automatically reboots when one or more of the components are updated.

NOTE: Dock reboots as part of the EC update or the tool sends a reboot command when EC is not updated and at least one of the components is updated.

Setting Package Version

About this task

Package version is 32 bit BCD format (device saves them in reverse byte order). They tool reverses the bytes for the display purpose. The display format is WW.XX.YY.ZZ. Major, minor, and maintenance versions are represented as WW.XX.YY. The LSB in ZZ (or the MSB in 32 bit raw data) represents the status of the dock update.

- 01 All components are updated and have valid version.
- 00 Some of the components are not updated.

The Package version is set before any of the components are updated. If the update is failed on any of the components device reports 0 for LSB (invalid package version).

Table 4. Dell Flash Update Utility Exit code and meaning

Exit code	DUP spec description
0	Success
1	General failure
2	Reboot required
3	Soft dependency Error
4	Hard dependency error
5	Hard qualification error
6	Rebooting system
7	Password validation error
8	Downgrade is not allowed

Table 4. Dell Flash Update Utility Exit code and meaning (continued)

Exit code	DUP spec description
9	Update pending
10	Un specified error

Commands for Automation

About this task

- Run the tool with administrative privileges with the command-line options /s (silent) /l=filename.txt. The update is run in silent mode without GUI or use command-line options: /uod /l=filename.txt. The update runs and only completes when the dock Type-C cable is unplugged from the system. Automation environment can capture the return code (DUP compliant) from the tool for verifying pass or fail status. The logfile (filename.txt) can be used for parsing the dock data and individual component update information.
- After the update, tool can run with /componentsvers /s /l=verfilename.txt. The command is run in the silent mode. Return code can be captured for pass or fail status (DUP compliant). Verfilename.txt contains the current component information.



Using Dell Command Update

Dell Docking Station drivers (Realtek USB GBE Ethernet Controller Driver) are required to be installed before using the docking station for full functionality. Dell recommends updating the system BIOS, and graphics driver to the latest version before using the docking station. Older BIOS versions and drivers could result in the docking station not being recognized by your system or not functioning optimally.

Dell highly recommends the Dell Command Update to automate the installation of BIOS, firmware, driver, and critical updates specific to your system and docking station.

For more information about Dell command update user guide. See Dell Command Update.

Dock Asset Management

Topics:

- How to inventory Dell Dock using Dell Command Monitor locally
- · How to inventory Dell Dual Charge Dock using Dell Command | Monitor remotely
- Dell Dock Firmware Update Service Agent
- SCCM Integration

How to inventory Dell Dock using Dell Command Monitor locally

Prerequisites

1. Follow the steps in the HD22Q firmware update and retrieve dock information by using Dell command monitor locally.

Steps

- 1. Install Dell Command Monitor 10.2 or later. For detailed install instructions follow Dell command monitor Installation Guide
- 2. Run the commands given below:
 - a. For systems running Windows, Using PowerShell: Get-CimInstance -Namespace root\dcim\sysman -ClassName DCIM_Chassis
 - b. For systems running Linux, Using OMICLI: ./ omicli ei root\dcim\sysman DCIM_Chassis
 - **NOTE:** DCIM_Chassis can have multiple instances. For Dock Details, see instance where CreationClassName = DCIM_DockingStation
- 3. Key dock properties mapping with cim properties:

Table 5. Key dock

Dock data	Dell command Monitor mapping
Dock service tag	DCIM_Chassis::Tag
Dock FW package version	DCIM_Chassis::Version
Dock module type	DCIM_Chassis::Model
Dock marketing name	DCIM_Chassis::Name
Dock module serial	DCIM_Chassis::SerialNumber

How to inventory Dell Dual Charge Dock using Dell Command | Monitor remotely

About this task

For more information, see Dell Command Monitor User guide

Dell Dock Firmware Update Service Agent

The Dell Dock Firmware Update Service Agent automatically updates the dock to the target firmware once the dock is connected to the system. This agent is intended for Enterprise customers who use Microsoft SCCM (V5.2207.1048.1000).

Prerequisites

- Before installing Dell Dock Firmware Update Service Agent, download the Dell dock firmware update from www.dell.com/ support.
- Download Dell Dock Firmware Update Service Agent from www.dell.com/support. For a detailed standard operating
 procedure, see Dell Dock Firmware Update Service Agent SOP.pdf.

Steps

1. Copy the tool DFUWrapper.zip to the SCCM server and extract it. The location is specified in the form \ \Server\Share\DFUWrapper.



2. Open the Configuration Manager Console application on the server.



- **3.** Create the application wizard. For detailed process on how to create the application wizard, see Create application wizard in Configuration Manager Console.
- 4. Set up the client environment. (For example: Add a server domain, install Configuration Manager, and so on).
- 5. Deploy the application to the server.
- 6. The DFUWrapper tool becomes available on Software Center after a few minutes.



7. Click Install.

P Software Center	
IT Organization	
Applications 1	Applications > Application details
C Updates	DEUWrapper
Derating Systems	
▶ Installation status	I <u>n</u> stall
Device compliance	
✿ O <u>p</u> tions	Status: Available Revision: 1 Date published: Not specified
	Restart required: Might be required Download size: 17 MB Estimated time: Not specified Total components: 1 Date Modified: 5/15/2023

- 8. To ensure the application is installed successfully, check the following:
 - Dell Dock Firmware Update Package shows in Programs and Features.
 - Under Computer\HKEY_LOCAL_MACHINE\SOFTWARE\Dell\Dell.DFU.Service, registry DFUToolArgs, and DFUToolPath are created.
 - Service Dell Dock Firmware Update Service is running
- 9. Prepare a dock with older firmware.
- **10.** Connect the dock to the system where the DFUWrapper tool is installed.
- **11.** Wait for up to 6 minutes and reopen the dock firmware utility.
 - The new firmware version is displayed confirming the dock firmware update is successful.
 - (i) NOTE: For manual installation (not through SCCM), follow Steps 8 to 11.

(i) NOTE: To update dock firmware right after installing the wrapper tool, connect the dock to the system before Step 7.

Create application wizard in Configuration Manager Console

About this task

To create an application wizard in **Configuration Manager Console**, do the following:

Steps

- 1. In the Configuration Manager Console, choose Software Library > Overview > Application Management > Applications.
- 2. Right-click and select Create Application. The Create Application Wizard window is displayed.

Home Folder Search					
All Subfolders Ald Criteria Sec	Saved Search Search Searches - Settings	ave Current Search Save Current	Close		
Scope Refine	Options	Save	Active Search		
← → ▼ 📰 \ ► Software Library ► Overv	riew Application M	anagement Application	15		
Software Library «	Applications 2 items				
A @ Overview	Search				
Application Management	AND Path <current< td=""><td>t Node + Subfolders></td><td></td><td></td><td></td></current<>	t Node + Subfolders>			
Applications		^		Deployment Types	Deploymen
Application Group		ware Update Package		0	0
License Information				1	1
Packages Dell Command So	ftware Gallery	_			
Application Reques	•				
Global Conditions					
Rpp-V Virtual Environments					
💫 Windows Sideloading Keys					
App Configuration Policies					
🖌 📔 Software Updates					
🗟 All Software Updates					
🔊 Software Update Groups					
🛐 Deployment Packages					
📝 Automatic Deployment Rules					
📑 Third-Party Software Update Catalogs					
Operating Systems					
Windows Servicing					
💭 Assets and Compliance					
Software Library					
The second second	Dell Dock Firmwa	re Update Package			

- 3. On the General page of Create Application Wizard, do the following:
 - a. Select Automatically detect information about this application from installation files.
 - b. For Type: Click drop-down and choose Windows Installer (*.msi file) from list.
 - $\textbf{c.} \ \ \mathsf{For} \ \ \textbf{Location}: \ \mathsf{Click} \ \ \textbf{Browse} \ \mathsf{and} \ \mathsf{choose} \ \mathsf{the} \ \mathsf{location} \ \mathsf{of} \ \mathsf{the} \ \mathsf{installation} \ \mathsf{file} \ \ \textbf{DFUSetup.msi}.$

n Create Application Wizar	ł			×
General				R
General Import Information Summary Progress Completion	Specify settin Applications cont Applications can Automatically. Type: Location: Manually spec	Igs for this application ain software that you can deploy to users and devices in your Confic- contain multiple deployment types that customize the installation bet detect information about this application from installation files: Windows Installer ("mis file) Vaccm2022111/Del/DFUWrappen/DFUSetup mis Example: \\Server\Share\File sty the application information.	guration Manag havior of the ap	per environment. pploation.
		< Previous Next >		Cancel

4. Click Next.

The **Import Information** page is displayed.



- 5. Check the details and click Next. The General Information page is displayed.
- 6. On the **General Information** page, do the following:
 - **a.** In the **Name** field, enter the name DFUWrapper.
 - b. In the Installation program field, enter the command msiexec.exe /i DFUSetup.msi /quiet DFUPATH= \\SCCM2022\Dell\DFUWrapper\DFU\DellDockFirmwarePackage_WD19_WD22_Series_HD22_01.00.16.exe DFUARGS="/s"
 - (i) NOTE: DFUPATH is the path of the DFU package on the server.

· · · · ·			
n Create Application Wizard	1		×
General Informat	tion	٩	r
General Import Information General Information	Specify information a	ibout this application	
Summary	Name:	DFUWrapper	
Progress Completion	Administrator comments:	0	
	Publisher:		
	Software version:		
	Optional reference:		
	Administrative categories:	Select	
	Specify the installation progra	am for this application and the required installation rights.	
	Installation program:	WD19_WD22_Series_HD22_01.00.16.exe" DFUARGS="/s" Browse	
	Run installation program	as 32-bit process on 64-bit clients.	
	Install behavior:	Install for system if resource is device; otherwise install for user $\qquad \lor$	
< >		< Previous Next > Summary Cancel	

7. Click Next.

The **Summary** page is displayed.

8. On the **Summary** page, check the application settings detail.



9. Click Next.

The **Progress** page is displayed.

Create Application Wizard		
Progress		ጽ
General Import Information General Information Summary Progress Completion	Status: Working	
< >	< Previous Next> Summary Cancel	

10. Wait for the application creation wizard process to complete.

11. Click Next.

The **Completion** page is displayed.



- **12.** Click **Close** to complete the wizard.
- 13. Reconfirm the newly created application. To reconfirm the new created application, do the following:
 - a. In the Software Library workspace, expand Application Management.
 - **b.** Choose **Applications** to see the application.

Software Library <	Applications 1 items
 Ø Overview 	Search
 Application Management 	AND Path <current +="" node="" subfolders=""></current>
Applications	Icon Name
Application Groups	DFUWrapper DFUWrapper
🙀 License Information for Store Apps	
Packages	
Application Requests	
[]#] Global Conditions	
🗮 App-V Virtual Environments	
🎋 Windows Sideloading Keys	
🙀 App Configuration Policies	
🔺 🚞 Software Updates	
🗟 All Software Updates	
Software Update Groups	
🔄 Deployment Packages	
📑 Automatic Deployment Rules	
📳 Third-Party Software Update Catalogs	
Operating Systems	
Windows Servicing	
· · · · · · · · · · · · · · · · · · ·	
👷 Assets and Compliance	
👘 Software Library	DFUWrapper

SCCM Integration

About this task

Using the MOF file within Dell Command | Monitor install package, which contains all the Dell Command | Monitor classes and importing to ConfigMgr.

Post Dell Command | Monitor installation, the integration MOF is placed at: C:\Program Files\Dell\Command_Monitor\ssa\omacim\OMCI_SMS_DEF.mof. For more information about integration watch, SCCM integration.

Issue: SCCM-Client hardware inventory does not display version information for HD22Q.

Description: OMCI_SMS_DEF.mof file is missing Version property for DCIM_Chassis Class. SCCM-Client hardware inventory does not display version information for HD22Q.

Resolution: To resolve this, the user must update the OMCI_SMS_DEF.mof file as suggested in steps below:

Steps

- 1. Edit OMCI_SMS_DEF.mof file using text editor.
- 2. Search for "DCIM Chassis and Docking."
- 3. At the end, make an entry for [SMS_Report (TRUE)] string Version. As shown in below screenshot.
- 4. Once edited, reimport the updated OMCI_SMS_DEF.mof file in SCCM to fetch updated Client Hardware Inventory.

<pre>1 [SMS_Report(TRUE), SMS_Group_Name("DCIM Chassis and Docking"), SMS_Class_ID</pre>	<pre>1 [SMS_Report(TRUE), SMS_Group_Name("DCIM Chassis and Docking"), SMS_Class_ID</pre>
("DELL[DCIM_Chassis]1.0"), SMS_Namespace(FALSE), Namespace("\\\\\\T.\\\\roo	("DELL[DCIM_Chassis[1.0"), SMS_Namespace(FALSE), Namespace("\\\\\\.\\\\.\\\roo
t\\\\dot\\\\sysman")]	t\\\\dcim_\\\system")]
2 class DCIM_Chassis : SMS_Class_Template	2 class DCIM_Chassis : SMS_Class_Template
4 [SMS_Report (TRUE)] string BreachDescription;	4 [SMS_Report (TRUE)] string BreachDescription;
5 [SMS_Report (TRUE)] boolean CanBeFRUed;	5 [SMS_Report (TRUE)] boolean CanBeFRUed;
6 [SMS_Report (TRUE)] uint16 ChassisPackageType;	6 [SMS_Report (TRUE)] uint16 ChassisPackageType;
7 [SMS_Report (TRUE), Key] string CreationClassName;	7 [SMS_Report (TRUE), Key] string CreationClassName;
<pre>% [SMS_Report (IRUE)] string LiementWame;</pre>	8 [SMS_Keport (TRUE)] string LiementMame;
9 [SMS_Report (IRUE)] datetime FirstPowerOnDate;	9 [SMS_Report (TRUE)] datetime FirstPowerOnDate;
10 [SMS Report (IRUE)] boolean LockPresent;	10 [SMS Report (TRUE)] boolean LockPresent;
11 [SMS_Report (TRUE)] string Manufacturer;	11 [SMS_Report (TRUE)] string Manufacturer;
12 [SMS_Report (TRUE)] datetime ManufactureDate;	12 [SMS_Report (TRUE)] datetime ManufactureDate;
13 [SMS_Report (TRUE)] string Nodel;	13 [SMS_Report (TRUE)] string Nodel;
14 [SMS_Report (TRUE)] string Name;	14 [SMS_Report (TRUE)] string Name;
15 [SMS Report (TRUE)] uint16 PackageType:	15 [SMS Report (TRUE)] uint16 PackageType:
16 [SMS_Report (TRUE)] string PartHumber;	16 [SMS_Report (TRUE)] string PartNumber;
17 [SMS_Report (TRUE)] string SerialNumber;	17 [SMS_Report (TRUE)] string SerialNumber;
18 [SMS_Report (TRUE)] string SKU; 19 [SMS_Report (TRUE), Key] string Tag; 20 [SMS_Report (TRUE)] string Property@enershinTag;	 [SMS_Report (TRUE)] string SKU; [SMS_Report (TRUE), Key] string Tag; [SMS_Report (TRUE)] string PerpenditumentshinTag;
<pre>21 [SMS_Report (TRUE)] uint16 SecurityBreach;</pre>	[SMS_Report (TRUE)] uint16 SecurityBreach; 22 [SMS_Report (TRUE)] string Version;
22 };	23 };

SCCM setup for remote deployment

About this task

Information provided in the document available here Dell Catalog to Support Microsoft System Center Configuration Manager for Dell Hardware Updates.

For more information about Dell command update Users Guide. See Dell Command | Monitor version user's guide.

For more information about Dell command update Installation Guide. See Dell Command | Monitor version installation guide.

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Getting help and contacting Dell

Self-help resources

You can get information and help on Dell products and services using these self-help resources:

Table 6. Self-help resources

Self-help resources	Resource location
Information about Dell products and services	www.dell.com
My Dell app	Deell
Tips	· •
Contact Support	In Windows search, type Contact Support, and press Enter.
Online help for operating system	www.dell.com/support/windows
Access top solutions, diagnostics, drivers and downloads, and learn more about your computer through videos, manuals and documents.	Your Dell computer is uniquely identified by a Service Tag or Express Service Code. To view relevant support resources for your Dell computer, enter the Service Tag or Express Service Code at www.dell.com/support. For more information on how to find the Service Tag for your computer, see Locate the Service Tag on your computer.
Dell knowledge base articles for a variety of computer concerns	 Go to www.dell.com/support. On the menu bar at the top of the Support page, select Support > Knowledge Base. In the Search field on the Knowledge Base page, type the keyword, topic, or model number, and then click or tap the search icon to view the related articles.

Contacting Dell

To contact Dell for sales, technical support, or customer service issues, see www.dell.com/contactdell.

(i) NOTE: Availability varies by country/region and product, and some services may not be available in your country/region.

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