

Dell Command | Configure 3.1

Release Notes



Version

3.1

Release Date:

July 2015

Previous Version

Dell Command | Configure 3.0

Dell Command | Configure (formerly known as Client Configuration Toolkit or CCTK) is a packaged software that provides BIOS configuration capability to Dell client systems, such as OptiPlex, Latitude, Venue Pro Tablet, XPS and Dell Precision workstation. You can configure the client systems using a Graphical User Interface (GUI) or a Command Line Interface (CLI).

You can use Dell Command | Configure in Red Hat Enterprise Linux environments and Microsoft Windows Pre-installation environment (Windows PE), Windows Vista, Windows 7, Windows 8, Windows 8.1, and Windows 10.

Importance

Dell recommends applying this update during your next scheduled update cycle. The update contains feature enhancements or changes that will help keep your system software current and compatible with other system modules (firmware, BIOS, drivers and software).

Platform(s) Affected

- Latitude
- Optiplex
- Dell Precision Workstation Mobile
- Dell Precision Workstation
- Venue 11 Pro
- XPS 9343 and XPS 9350

What is Supported

Supported Operating Systems

Dell Command | Configure 3.1 supports the following operating systems:

- Microsoft Windows 10 Core (32 bit and 64-bit)
- Microsoft Windows 10 Pro (32 bit and 64-bit)
- Microsoft Windows 10 Enterprise (32 bit and 64-bit)
- Microsoft Windows 8.1 Enterprise (32 bit and 64-bit)
- Microsoft Windows 8.1 Professional (32 bit and 64-bit)
- Microsoft Windows 8 Enterprise (32 bit and 64-bit)
- Microsoft Windows 8 Professional (32 bit and 64-bit)
- Microsoft Windows 7 Professional SP1 (32-bit and 64-bit)
- Microsoft Windows 7 Ultimate SP1 (32-bit and 64-bit)
- Microsoft Windows Vista Business (32-bit and 64-bit)
- Microsoft Windows Vista Business (32-bit and 64-bit) SP1 and SP2
- Microsoft Windows Vista Ultimate (32-bit and 64-bit)
- Microsoft Windows Vista Ultimate (32-bit and 64-bit) SP1
- Microsoft Windows Vista Ultimate (32-bit) SP2
- Microsoft Windows Vista Enterprise (32-bit and 64-bit)
- Microsoft Windows Vista Enterprise (32-bit and 64-bit) SP1
- Microsoft Windows Vista Enterprise (32-bit) SP2
- Windows 10 Pre-installation Environment (32-bit and 64-bit) (Windows PE 10.0)
- Windows 8.1 Pre-installation Environment (32-bit and 64-bit) (Windows PE 10.0)
- Windows 8 Pre-installation Environment (32-bit and 64-bit) (Windows PE 4.0)
- Windows 7 SP1 Pre-installation Environment (32-bit and 64-bit) (Windows PE 3.1)
- Windows 7 Pre-installation Environment (32-bit and 64-bit) (Windows PE 3.0)
- Windows Vista Pre-installation Environment (32-bit and 64-bit) (Windows PE 2.0)
- Red Hat Enterprise Linux 7.0 Client version (64-bit) for Dell Precision workstations
- Red Hat Enterprise Linux 6.4 Client version 6.0 (64-bit) for Dell Precision workstations
- Red Hat Enterprise Linux Client 6.2 Client Version (64-bit) for Dell Precision workstations

What's New

- Support for Windows 10 operating system
- Support for Windows PE 10.0.
- Support for new platforms.
- Ability to provide feedback on Dell Command | Configure from the GUI.

- Support for an enhanced GUI for providing system, setup, and hard disk drive passwords while exporting the .exe file.
- Support for configuring hard disk drive password using the GUI.
- Support for the following languages in Dell Command | Configure GUI and Installer:
 - German
 - French
 - Italian
 - Spanish (International)
 - Japanese
 - Chinese - Hong Kong
 - Simplified Chinese - China
 - Traditional Chinese - Taiwan
 - Dutch – Netherlands
- Support for the following new tokens:
 - Extend Post Time (--extendposttime)
 - External WLAN Activity LED (--extwlanled)
 - Intel Ready Mode Technology (--irmt)
 - Keyboard Backlight Color (keyboardbacklightcolor)
 - Enable Color (--enablecolor)
 - Active Color (--activecolor)
 - Custom Color1 (--customcolor1)
 - Custom Color2 (--customcolor2)
 - Primary Video Device Slot (--primaryvideodeviceslot)
 - Rugged Dock Non-Video Devices (--rdocknonvideodevices)
 - Stealth Mode Quiet Bluetooth (--bluetoothstealthmode)
 - Stealth Mode Quiet Fans (--fanstealthmode)
 - Stealth Mode Quiet GPS (--gpsstealthmode)
 - Stealth Mode Quiet LCD (--lcdstealthmode)
 - Stealth Mode Quiet LEDs (--ledstealthmode)
 - Stealth Mode Quiet Speakers (--speakersstealthmode)
 - Stealth Mode Quiet WLAN (--wlanstealthmode)
 - Stealth Mode Quiet WWAN (--wwanstealthmode)
 - Stealth Mode WiGig Radio (--wigigradiostealthmode)
 - USB Port 20 (--usbport20)
 - USB Port 21 (--usbport21)
 - USB Port 22 (--usbport22)

- USB Port 23 (--usbport23)
- Wireless Switch WLAN-WiGig Control (--wswitchwlanwigigctrl)
- Wireless Switch GPS On WWAN Radio (--wswitchgpsonwwanradio)

Known Issues

CLI

Issue: Options: **--enabledevice** and **--disabledevice** don't work

Description: The **--enabledevice** and **--disabledevice** options may not work in UEFI-enabled systems.

Resolution: No resolution. **NOTE:** This issue will be addressed in the upcoming BIOS versions.

Issue: Windows 7 does not recognize the digital signature validity

Description: If the system is not connected to internet, Windows 7 does not recognize the digital signature validity of Dell Command | Configure installation file.

Resolution: Connect the system to internet and validate the digital signature.

Issue description: Unable to upgrade from CCTK 1.0

Resolution: Uninstall CCTK 1.0 and install the latest version.

Issue: BIOS interface not found

Description: While running Dell Command | Configure, the following error message might be displayed: **BIOS Interface not found**.

Resolution: Uninstall HAPI using the **hapiuninstall.bat** script available in the **HAPI** folder, and install it again using the **hapiinstall.bat** script available in the same folder.

Issue description: Do not use the **infile** or **outfile** options in the .ini file.

Issue description: Dell Command | Configure supports only single byte characters for asset set operation.

Resolution: If the user has a different locale, change the keyboard layout to English before using the asset option.

Issue: Issues on OptiPlex 740

Description: Following are the known issues on OptiPlex 740:

- **Floppy** option does not work.
- **Usbemu** option does not work.
- Asset, **minsizeofcontigmem**, **bioscharacteristics**, and **completioncode** options may not work.

Issue: Incorrect value displayed for **turbomode** option for Dell Precision workstation T3500

Description: On Dell Precision workstation T3500, Dell Command | Configure does not display the correct value of the **turbomode** option. Though the option is set to **Enable**, Dell Command | Configure displays it as **Disable**.

Issue: Unable to set the argument to **max** for the **busratio** option on Latitude XT2

Description: On Latitude XT2, for the **busratio** option you cannot set the argument to **max**.

Issue: Number of password characters allowed in OptiPlex 760

Description: On OptiPlex 760, Dell Command | Configure allows to set **setup** and **system** passwords with number of characters less than what is mentioned in the BIOS screen.

Issue: Incorrect boot device count

Description: On Dell Precision workstation M4400, the **bootorder** option may not display the correct number of boot devices.

Issue Description: On OptiPlex 760, if a system password is set, BIOS does not allow to set a setup password. **NOTE:** Dell Command | Configure does not provide an error message in such scenario. This issue will be addressed in the upcoming BIOS versions.

Issue: Upgrade from CCTK 1.1 to 1.2.1, retains the older User guide

Description: When you upgrade CCTK 1.1 to 1.2.1, CCTK contains the previous version of User's guide along with the link to 1.2.1 User's Guide.

Issue: TPM related tokens can be modified independently

Description: Dell Command | Configure does not control the dependencies among the various TPM PPI option. For example, it is possible to change the **TPM PPI ACPI** option through Dell Command | Configure even when TPM is not **On**. **NOTE:** There is no negative impact due to this on the BIOS.

Issue: Dependent options are not working as configured in **UEFI** mode for for **Legacy** Option **ROM** and **Secure Boot**

Description:

- Dell Command | Configure allows enabling **Legacy** Option **ROM** when **Secure Boot** is **On**.
- Dell Command | Configure allows disabling **Legacy** Option **ROM** when **Boot** mode is **Legacy**.
- Dell Command | Configure allows enabling **Secure Boot** when **Legacy** option **ROM** is enabled and **boot** mode is **UEFI**.
- Dell Command | Configure does not allow enumerating **Secure Boot** when it is disabled.

NOTE: There is no negative impact due to this on the BIOS. This issue will be addressed in the upcoming BIOS versions.

Issue: **OROM UI protection** also configures **OROM keyboard access**

Description: **OROM UI protection** configures **OROM keyboard access** on the following Dell platforms:

- Latitude E6x30, E5x30

- Dell Precision mobile M4700, M4500
- Dell Precision workstation T1650
- Optiplex 9010, 7010

NOTE: The BIOS configuration on this option works with previous generation of platforms. This issue will be addressed in the upcoming BIOS versions.

Issue: **Blinkpsu1led** and **Blinkpsu2led** missing in the .ini file or SCE

Description: **Blinkpsu1led** and **Blinkpsu2led** will not be present in the .ini file or SCE as they are enable-only tokens and they are active only for few seconds. These tokens cannot be modified using GUI.

Issue: **advsm** option displays the status as **Other**

Description: If any of the fans is not working, the **advsm** option displays the status as **Other**.

Issue: **Advance Battery Charge** and **Peak Shift Charge** options display **Disable**

Description: Platforms that do not support **Advance Battery Charge** option, when **advbatterychargecfg** option is enumerated, the system displays the option as **Disable**

Platforms that do not support **Peak Shift Charge** option, when **peakshiftcfg** option is enumerated, the system displays the option as **Disable**.

Issue: Temperature probe in **Advanced System Management** option displays as **Unknown**

Description: On some platforms that support **Advanced System Management** option, temperature probe of all the sensors displays as **Unknown**. **NOTE:** This issue will be addressed in the upcoming BIOS versions.

Issue description: On some of the platforms that support **Advanced System Management** option, temperature probe of **Memory sensor 2** displays the current status as **Non Critical** instead of **Normal**. **NOTE:** This issue will be addressed in the upcoming BIOS versions.

Issue description: On some of the platforms that support **Advanced System Management** option, when you set non-critical upper threshold values for cooling device, the CLI indicates that the action failed; however, setting the same will be successful.

Issue: Autoon minutes (autoonmn) is listed in the **do not edit** section in the .ini file

Description: The .ini file is exported from the CLI contains **autoonmn** option in **do not edit** section; however, this option can be configured when such .ini files are imported.

Issue: Not able to configure ASM (advsm) BIOS options in .ini file/SCE

Description: While configuring ASM (advsm) option using .ini file, or SCE, Setup password or System password should not be set or modified.

GUI

Issue: The GUI takes longer to launch in OptiPlex 990 and Latitude D630

Description: When you launch Dell Command | Configure GUI from OptiPlex 990 and Latitude D630 without administrator privileges, the GUI screen takes some time to appear. **NOTE:** This does not hamper the system resources and Dell Command | Configure will be functional.

Issue description: On Dell Precision workstation M4400, the **bootorder** option may not display the correct number of boot devices.

Issue: Unexpected Error at System.xml.

Description: Dell Command | Configure GUI supports only printable characters for its text-entry fields. If the BIOS has non-printable characters, the GUI may fail to load and display the following error message: **Unexpected Error at System.xml.**

Resolution: Make sure that BIOS options such as **asset**, and **propowntag** values do not contain non-printable characters.

Issue: Unexpected Error

Description: Rarely, when .NET libraries may not have loaded properly, while exporting the SCE the following error message is displayed: **Unexpected Error**. **NOTE:** This does not affect the Dell Command | Configure functionality.

Resolution: Export the SCE again, and it will be successful.

Issue: Multiplatform displays **X** mark

Description: On systems that support features like **peak shift**, **irsttimer** and **advanced battery charge** options, the multiplatform displays **X** mark in multi-platform package after validation.

Issue: The GUI doesn't display the configuration when open it by double clicking the .cctk file

Description: If Dell Command | Configure GUI is opened by double clicking the .cctk file, it does not display the settings of the file in the application. However, opening the .cctk or .ini file in **Open a Saved Package** tab displays the settings of the file.

Issue: The feedback link does not work with Internet Explorer version 7 and before.

Description: The feedback link in the GUI works only in Internet Explorer version 8 and later.

Resolution: Upgrade to Internet Explorer 8 or later.

SCE

Issue: Data manager service stops

Description: If the SCE is applied on a system with 64-bit Windows OS, on which Dell Command | Monitor is running, the Dell Command | Monitor data manager service stops.

Resolution: Restart the system to start the Dell Command | Monitor data manager service. The restart also makes sure that the BIOS settings are correctly applied because many of the BIOS settings require a system restart.

Installation Prerequisites

Windows

- The Dell Command | Configure installation file, Systems-Management_Application_54W6D_WN32_3.1.0_A00.exe, available as a Dell Update Package.
- Administrator privileges on the system where you are installing Dell Command | Configure.
- Microsoft .NET 4.0 to install the GUI.

NOTE: For Windows Vista or later operating systems, make sure that the **Microsoft .NET Framework 4.0** option is selected in the **Turn Windows features on or off** screen, for the Dell Command | Configure GUI to function successfully.

Linux

- The Dell Command | Configure installation file, command-configure-linux-3.1.0-<build number>.tar.gz
- RPMs provided along with the Dell Command | Configure installation file

Installation, Upgrade, and Uninstallation Instructions

For information on installation, uninstallation, and upgrade of Dell Command | Configure, see the Dell Command | Configure Installation Guide at dell.com/dellclientcommandsuite/manuals.

Installation and Configuration Notes

Windows Installation

Issue Description: It is possible to downgrade Dell Command | Configure 3.1 to previous versions of CCTK, which might lead to undesirable situations.

Resolution: Do not run installers of a previous version if Dell Command | Configure 3.1 has been already installed.

RHEL Installation

Issue Description: Apart from the two RPM files, one extra file appears when you extract `command_configure-linux-3.1.0-251.tar.gz` file for RHEL 6.

Resolution: Ignore that file.

Issue Description: While uninstalling HAPI RPM, a warning message is displayed indicating that there is no such file.

Resolution: Ignore that message.

Contacting Dell

NOTE: Dell provides several online and telephone-based support and service options. 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. 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/contactdell**.
2. Select your country or region from the interactive world map. When you select a region, the countries for the selected regions are displayed.
3. Select the appropriate language under the country of your choice.
4. Select your business segment. The main support page for the selected business segment is displayed.
5. Select the appropriate option depending on your requirement.

NOTE: If you have purchased a Dell system, you may be asked for the Service Tag.

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