

Dell Command | Configure

3.0

Release Notes



Version

3.0

Release Date:

September 2014

Previous Version

2.2.1

Dell Command Configure (formerly known as Client Configuration Toolkit or CCTK) is a packaged software offering that provides configuration capability to Dell client systems such as OptiPlex, Latitude, Venue Pro Tablet, 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 Command Configure in Red Hat Enterprise Linux environments and Microsoft Windows Pre-installation

Environment (Windows PE), Windows Vista, Windows 7, Windows 8, and Windows 8.1.

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

Supported Operating Systems

Command Configure 3.0.0 supports the following operating systems:

- 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 8.1 Pre-installation Environment (32-bit and 64-bit) (Windows PE 5.0)
- 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
- Red Hat Enterprise Linux 5.x Client version (64-bit) for Dell Precision workstations

Command Configure **is not localized and hence the application is available only in English. However you can install Command Configure on supported Windows operating systems in French, German, Spanish, Japanese, Korean, Simplified Chinese, and Traditional Chinese languages.**

Note: You should provide input only in English.

What's New

The new features for this release include:

- Support for the following BIOS options:
 - backcamera
 - fnlock
 - fnlockmode
 - unmanagednic
 - rearusb
 - sideusb
 - keyboardbacklightonacpower

- gpsradio
- Support for additional arguments, **medium_high** and **medium_low** for fanspeed token
- Support for Red Hat Enterprise Linux 7.0 Client version (64-bit) operating system
- Support for ASM 2.0 on Dell Precision Workstation

Known Issues & Resolutions

CLI

Issue 1:

Description: Currently, the --enabledevice and --disabledevice options may not work in UEFI-enabled systems.

Resolution: These options will work after upgrading to future BIOS releases.

Issue 2:

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

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

Issue 3:

Description: To upgrade CCTK 1.0 to any future releases, uninstall CCTK 1.0 and install the current release. For more information, see the Command Configure User's Guide available at dell.com/support/manuals or User's Guide Online available with Command Configure.

Issue 4:

Description: While running Command Configure, if you get an error message, "BIOS Interface not found", uninstall HAPI using the hapiuninstall.bat script located under the HAPI folder, and install it again using the hapiinstall.bat script located in the same folder.

Issue 5:

Description: Do not use the infile or outfile option in the ini file.

Issue 6:

Description: Read-only options, such as `asset`, `svctag`, and so on, do not report if they are used along with the `-o` option.

Issue 7:

Description: At present, Command Configure supports only single byte characters for asset set operation. If the user has a different locale, change the keyboard layout to English before using the `asset` option.

Issue 8:

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 9:

Description: On Dell Precision workstation T3500, Command Configure does not report the correct value of the `turbomode` option. Though the option is enabled, Command Configure reports it as disabled.

Issue 10:

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

Issue 11:

Description: When you install Command Configure on a Linux system, after installing the `omilcore` rpm, the following message is displayed: "To start all installed services without a reboot, enter the following command: `srvadmin-services.sh start`".

Resolution: You can ignore the message and can proceed with the installation of other rpms.

Issue 12:

Description: Command Configure log file does not capture information related to the sub options of commands.

Issue 13:

Description: On OptiPlex 760, Command Configure may allow to set setup and system passwords with number of characters lesser than what BIOS mandates.

Issue 14:

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

Issue 15:

Description: On OptiPlex 760, if system password is set, BIOS may not allow to set a setup password. Command Configure does not provide an error message in such a scenario.

Issue 16:

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 17:

Description: Command Configure does not take care of the dependencies among the various TPM PPI tokens. Example: It is possible to change the TPM PPI ACPI token through Command Configure even when TPM is not **On**. However, there is no negative impact due to this on the BIOS.

Issue 18:

Description: Command Configure allows enabling **Legacy Option ROM** when **Secure Boot** is on. However, there is no negative impact due to this on the BIOS. This issue will be addressed in the upcoming BIOS version.

Issue 19:

Description: Command Configure allows disabling **Legacy Option ROM** when **Boot mode** is Legacy. However, there is no negative impact due to this on the BIOS. This issue will be addressed in the upcoming BIOS version.

Issue 20:

Description: Command Configure allows enabling 'Secure Boot' when **Legacy Option ROM** is enabled and boot mode is UEFI. However, there is no negative impact due to this on the BIOS. This issue will be addressed in the upcoming BIOS version.

Issue 21:

Description: Command Configure does not allow enumerating **Secure Boot** when it is disabled. However, there is no negative impact due to this on the BIOS. This issue will be addressed in the upcoming BIOS version.

Issue 22:

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

However, the Bios configuration on this option works with previous generation of platforms. This issue will be addressed in the upcoming BIOS version.

Issue 23:

Description: Blinkpsu1led and Blinkpsu2led will not be present in the ini file/SCE as they are enable- only tokens and they are active only for few seconds. In GUI, these tokens are greyed out when you click **Validate**.

Issue 24:

If any of the fans is not working, the advsm option reports the status as **other**.

Issue 25:

On systems where advbatterychargecfg is not supported, when the option is enumerated, the system displays **disable**.

Issue 26:

On enumerating advbatterychargecfg option, **advbatterychargecfg** is displayed as **advbatterychargecfg** in the output.

Issue 27:

The platform which does not have peakshifcfg is shown as disable after enumerating it. On systems where peakshifcfg is not supported, when the option is enumerated, the system displays **disable**.

Issue 28:

On some of the platforms that support **Advanced System Management**, temperature probe of all the sensors are showing as **Unknown**. This issue will be addressed in the upcoming BIOS version.

Issue 29:

On some of the platforms that support **Advanced System Management**, temperature probe of Memory sensor 2 is giving the present status as **Non Critical** instead of **normal state**. This issue will be addressed in the upcoming BIOS version.

Issue 30:

On some of the platforms that support **Advanced System Management**, setting non-critical upper threshold values for cooling device indicates that the action failed in the command line; however, setting the same will be successful.

GUI

Issue 1:

Description: On launching Command Configure GUI from OptiPlex 990 and Latitude D630 (without administrator privileges), the Command Configure GUI screen takes some time to appear. This does not hamper the system resources and Command Configure will be functional.

Issue 2:

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

Issue 3:

Description: 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 like asset and propowntag values do not contain non-printable characters.

Issue 4:

Description: On successive attempts to invoke the Command Configure GUI, the following error message is displayed: **Object reference not set to an instance of an object.**

Resolution: Click **Continue** to access the GUI.

Issue 5:

Description: In rare circumstances, when .NET libraries may not have loaded correctly, exporting SCE gives an error message like **Unexpected Error**. This does not affect the Command Configure functionality.

Resolution: Issue 15: Do export again and it will be successful.

Issue 6:

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 7:

Description: If DCC GUI is opened by double clicking, .cctk file, it does not show the settings in the file in the application. However, opening the .cctk or .ini file in 'Open a Saved Package' tab shows the settings in the file.

SCE

Issue:

SCE (self-contained executable) file generated using the 'Export' option in GUI cannot be run in Win PE environments.

Resolution: Use the alternative steps mentioned below to configure the BIOS in Win PE environment from SCE.

Prerequisites

- Install Command Configure on a supported Windows operating system.
- Launch Command Configure GUI.
- Select appropriate configuration settings in the Command Configure GUI.
- Export the settings as a SCE file.
- Extract the contents of SCE file using the option `'/s /e=<folder_path_to_extract_contents>'` in Windows environment. (For more details about this option, use `/h` switch).
- To set the BIOS configuration in Win PE:
 - Place the extracted folder contents in an accessible location in the WinPE environment, where the BIOS configurations need to be set.
 - Apply the configuration by running the following command from the extracted folder:
 - `applyconfig.bat /logfile <A valid and existing folder with write permission>\<A valid file name>`
 - For example, `applyconfig.bat /logfile C:\log.txt`
- To apply the configuration on a system where setup or system password has been set, use the following command:
 - `applyconfig.bat /logfile <A valid and existing folder with write permission>\<A valid file name> "--valsetuppwd=<setup password>"`
 - Example 1: `applyconfig.bat /logfile C:\log.txt "--valsetuppwd=dell"`
 - Example 2: `applyconfig.bat /logfile C:\log.txt "--valsypwd=dell"`

Windows Installation

Issue 1:

Description: It is possible to downgrade Command Configure 3.0 to previous versions of CCTK, which might lead to undesirable situations.

Resolution: Do not run installers of previous version if Command Configure 3.0 has been already installed.

RHEL Installation

Issue 1:

Description: The Command Configure rpm installation is successful even if HAPI 7.2 driver has been installed.

Resolution: There is no known impact due to this.

Issue 2:

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

Resolution: Ignore the message.

Installation Prerequisites

For information on installation, upgrade, or uninstallation of Command Configure, see the Dell Command Configure Installation Guide.

Windows

- The Command Configure installation file, Systems-Management_Application_29M43_WN_3.0.0_A00.exe, available as a Dell Update Package.
- Administrator privileges on the system where you are installing Command Configure.
- Microsoft .NET 4.0 to install the GUI.

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

Issue 2:

Description: If SCE is applied on a system with 64-bit Windows operating system, on which OMCI is running, the OMCI data manager service stops.

Resolution: Restart the system to start the OMCI service. The restart also makes sure that the BIOS settings are correctly applied because many of the BIOS settings require a system restart.

Linux

- The Command Configure installation file, command-configure-linux-3.0.0-<build number>.tar.gz
- RPMs provided in the Command Configure installation file

Installation Procedure

For information on installation of Command Configure, see the Dell Command Configure Installation Guide.

Upgrading From previous versions

For information on upgrade of Command Configure, see the Dell Command Configure Installation Guide.

Uninstallation

For complete uninstallation instructions, see the Dell Command Configure Installation Guide available at dell.com/support/manuals or User's Guide Online link available with Command Configure.

Installation and Configuration Notes

NA

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.