

Dell Command | Configure

Version 4.x Release Notes

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.

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Dell Command | Configure Version 4.12.0

Topics:

- [Release type and definition](#)
- [Supported platforms](#)
- [Supported operating systems for Windows](#)
- [What's new in this release](#)
- [Installation process](#)

Release type and definition

Dell Command | Configure (formerly known as Client Configuration Toolkit or CCTK) is a packaged software that provides BIOS configuration capability to Dell client computers. You can configure the client computers by using the Dell Command | Configure user interface (UI) or a command-line interface (CLI).

Version

4.12.0

Release Date

June 2024

Previous Version

4.11.1

Supported platforms

- OptiPlex
- Latitude
- XPS Laptops
- Dell Precision

NOTE: For more information about the supported platforms, see **Compatible Systems** section on the **Driver Details** page for Dell Command | Configure.

NOTE: Dell Command | Configure 4.0.0 or later requires platforms supporting WMI-ACPI BIOS. The complete functionality of Dell Command | Configure is available for the supported platforms.

NOTE: For the limited functionalities on non-WMI-ACPI compliant platforms, see Windows SMM Security Mitigations Table (WSMT) Compliance section in *Dell Command | Configure Version 4.12.0 User's Guide*.

NOTE: Dell Command | Configure includes software that is developed by the OpenSSL Project for use in the OpenSSL Toolkit. For more information, see [OpenSSL](#). It includes cryptographic software that is written by Eric Young (eay@cryptsoft.com) and Tim Hudson (tjh@cryptsoft.com).

Supported operating systems for Windows

Dell Command | Configure supports the following operating systems:

- Windows 11 24H2
- Windows 11 23H2
- Windows 11 22H2
- Windows 11 21H2—22000
- Windows 10 19H1—18362
- Windows 10 19H2—18363
- Windows 10 20H1—19041
- Windows 10 20H2—19042
- Windows 10 21H2
- Windows 10 22H2
- Windows 10 Redstone 1—14393
- Windows 10 Redstone 2—15063
- Windows 10 Redstone 3—16299
- Windows 10 Redstone 4—17134
- Windows 10 Redstone 5—17763
- Windows 10 Core (32-bit and 64-bit)
- Windows 10 Pro (64-bit)
- Windows 10 Enterprise (32-bit and 64-bit)
- Windows 10 Preinstallation Environment (32-bit and 64-bit) (Windows PE 10.0)
- Windows 11 Preinstallation Environment (32-bit and 64-bit) (Windows PE 11.0)

What's new in this release

- Supports ARM64 processors.

Installation process

For information about installation, uninstallation, and upgrade of Dell Command | Configure, see the *Dell Command | Configure 4.12.0 User's Guide* at [Support | Dell](#).

Dell Command | Configure Version 4.11.1

Topics:

- [Release type and definition](#)
- [Supported platforms](#)
- [Supported operating systems for Windows](#)
- [What's new in this release](#)
- [Installation process](#)

Release type and definition

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Version

4.11.1

Release Date

January 2024

Previous Version

4.11

Supported platforms

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- Windows 10 Redstone 3—16299
- Windows 10 Redstone 4—17134
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- Windows 10 Core (32-bit and 64-bit)
- Windows 10 Pro (64-bit)
- Windows 10 Enterprise (32-bit and 64-bit)
- Windows 10 Preinstallation Environment (32-bit and 64-bit) (Windows PE 10.0)
- Windows 11 Preinstallation Environment (32-bit and 64-bit) (Windows PE 11.0)

What's new in this release

- Updated InstallShield to generate the installer.
- Updated OpenSSL and Libxml2 to the latest versions.
- Supports the following new BIOS features:
 - HEVC
 - HPDSensor
 - Usb4Ports
 - InternalDmaCompatibility
 - UefiBtStack
 - ExtIPv4PXEBotTimeout
 - LogoType
 - PlutonSecProcessor

Installation process

For information about installation, uninstallation, and upgrade of Dell Command | Configure, see the *Dell Command | Configure 4.11.1 User's Guide* at dell.com/support.

Dell Command | Configure Version 4.11

Topics:

- [Supported platforms](#)
- [Release type and definition](#)
- [Supported operating systems for Windows](#)
- [What's new in this release](#)
- [Installation process](#)

Supported platforms

- OptiPlex
- Latitude
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i **NOTE:** For more information about the supported platforms, see **Compatible Systems** section on the **Driver Details** page for Dell Command | Configure.

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Release type and definition

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Version

4.11

Release Date

October 2023

Previous Version

4.10.1

Supported operating systems for Windows

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- Windows 11 Preinstallation Environment (32-bit and 64-bit) (Windows PE 11.0)

What's new in this release

- Supports blocking the upgrade to a nondefault installation directory.
- Supports Red Hat Enterprise Linux 9 operating system.
- Updated the Password Protection screen.
- Supports the following new BIOS features:
 - Prestos3
 - BypassBiosAdminPwdFwUpdate
 - EdgeConfigFactoryFlag
 - ActiveECoresSelect
 - ActiveECoresNumber
 - CpuCoreSelect
 - PxeBootPriority
 - ScannerStatus
 - PxButtonsFunction
 - UpDownButtonsFunction
- Removed the support for Change and Repair options for the installer.

Installation process

For information about installation, uninstallation, and upgrade of Dell Command | Configure, see the *Dell Command | Configure 4.11 User's Guide* at dell.com/support.

Dell Command | Configure Version 4.10.1

Topics:

- [Release type and definition](#)

Release type and definition

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Version

4.10.1

Release Date

March 2023

Previous Version

4.10

Compatibility

Supported platforms

- OptiPlex
- Latitude
- XPS Laptops
- Dell Precision

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- Windows 10 Enterprise (32-bit and 64-bit)
- Windows 10 Preinstallation Environment (32-bit and 64-bit) (Windows PE 10.0)
- Windows 11 Preinstallation Environment (32-bit and 64-bit) (Windows PE 11.0)

What's new in this release

- Fixed the issue of OMIL32.dll hijacking.
- Fixed the issue where Dell Command | Configure is unable to set **FactoryDefaults** value for **SaveConfig** option.
- Fixed the issue where Dell Command | Configure is unable to restore **BuiltInSafe** BIOS settings.

Installation process

For information about installation, uninstallation, and upgrade of Dell Command | Configure, see the *Dell Command | Configure 4.10.1 User's Guide* at dell.com/support.

Dell Command | Configure Version 4.10

Topics:

- [Release type and definition](#)
- [Compatibility](#)
- [What's new in this release](#)
- [Known Issues](#)
- [Installation process](#)

Release type and definition

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Version

4.10

Release Date

January 2023

Previous Version

4.9

Compatibility

Supported platforms

- OptiPlex
- Latitude
- XPS Laptops
- Dell Precision

NOTE: For more information about the supported platforms, see **Compatible Systems** section on the **Driver Details** page for Dell Command | Configure.

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Supported operating systems for Linux

Dell Command | Configure supports the following operating systems:

- Red Hat Enterprise Linux (RHEL) 8.0 (64-bit)
- Red Hat Enterprise Linux (RHEL) 7.0 (64-bit)
- Ubuntu Desktop 18.04 (64-bit)
- Ubuntu Server 18.04 (64-bit)
- Ubuntu Desktop 20.04 (64-bit)
- Ubuntu Desktop 22.04 (64-bit)

Supported operating systems for Windows

Dell Command | Configure supports the following operating systems:

- Windows 11 21H2 - 22000
- • Windows 10 19H1 - 18362
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- • Windows 10 Pro (64-bit)
- • Windows 10 Enterprise (32-bit and 64-bit)
- • Windows 10 Preinstallation Environment (32-bit and 64-bit) (Windows PE 10.0)

What's new in this release

- Added support for Ubuntu 22.04 LTS operating system.
- Added support for the BIOS attributes NumaNodesPerSocket and CameraShutterStatus.
- Fixed the issue where Dell Command | Configure, adds extra spaces while setting AssetTag value.
- Fixed the issue where Dell Command | Configure, is unable to configure value for FanSpdAutoLvlonPcieZone BIOS setting.
- Fixed the issue where Dell Command | Configure, does not get correct memory size for size greater or equal to 32 GB.

Known Issues

Dell Command | Configure CLI throws usage error when the user tries to restore **BuiltInsafe** BIOS Settings.

Installation process

For information about installation, uninstallation, and upgrade of Dell Command | Configure, see the *Dell Command | Configure 4.10 User's Guide* at dell.com/support.

Dell Command | Configure Version 4.9

Topics:

- [Release type and definition](#)
- [Compatibility](#)
- [What's new in this release](#)
- [Installation process](#)

Release type and definition

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Version

4.9

Release Date

November 2022

Previous Version

4.8

Compatibility

Supported platforms

- OptiPlex
- Latitude
- XPS Laptops
- Dell Precision

NOTE: For more information about the supported platforms, see **Compatible Systems** section on the **Driver Details** page for Dell Command | Configure.

NOTE: Dell Command | Configure 4.0.0 or later requires platforms supporting WMI-ACPI BIOS. The complete functionalities of Dell Command | Configure is available for the supported platforms.

NOTE: For the limited functionalities on non-WMI-ACPI compliant platforms, see Windows SMM Security Mitigations Table (WSMT) Compliance section in *Dell Command | Configure Version 4.9 User's Guide*.

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Supported operating systems for Windows

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- Windows 10 Core (32-bit and 64-bit)
- Windows 10 Pro (64-bit)
- Windows 10 Enterprise (32-bit and 64-bit)
- Windows 10 Preinstallation Environment (32-bit and 64-bit) (Windows PE 10.0)

What's new in this release

- Updated the installation behavior where the installation occurs in the default directory only.
- Added fix for history logging issue.
- Added critical security fixes.

Installation process

For information about installation, uninstallation, and upgrade of Dell Command | Configure, see the *Dell Command | Configure 4.9 User's Guide* at dell.com/support.

Dell Command | Configure Version 4.8

Topics:

- [Release type and definition](#)
- [Compatibility](#)
- [What's new in this release](#)
- [Installation process](#)

Release type and definition

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Version

4.8

Release Date

August 2022

Previous Version

4.7

Compatibility

Supported platforms

- OptiPlex
- Latitude
- XPS Laptops
- Dell Precision

NOTE: For more information about the supported platforms, see **Compatible Systems** section on the **Driver Details** page for Dell Command | Configure.

NOTE: Dell Command | Configure 4.0.0 or later requires platforms supporting WMI-ACPI BIOS. The complete functionalities of Dell Command | Configure is available for the supported platforms.

NOTE: For the limited functionalities on non-WMI-ACPI compliant platforms, see Windows SMM Security Mitigations Table (WSMT) Compliance section in *Dell Command | Configure Version 4.8 User's Guide*.

Supported operating systems for Windows

Dell Command | Configure supports the following operating systems:

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Supported operating systems for Linux

Dell Command | Configure supports the following operating systems:

- Red Hat Enterprise Linux (RHEL) 8.0 (64-bit)
- Red Hat Enterprise Linux (RHEL) 7.0 (64-bit)
- Ubuntu Desktop 16.04 (64-bit)
- Ubuntu Desktop 18.04 (64-bit)
- Ubuntu Server 18.04 (64-bit)
- Ubuntu Desktop 20.04 (64-bit)

What's new in this release

- Supports creation of Self-Contained Executable (SCE) in a safe directory, that is protected by access-control list (ACL).
- Allows update of BIOS features through offline CAB file import only from secure directory.
- Added support for the BIOS features **XmpMemDmb** and **MemorySpeed**.
- Renamed the BIOS options such as **--CpuRSA** to **CpuRAS**, **--MemRSA** to **MemRAS**, and **--PcieRSA** to **PcieRAS**.

Installation process

For information about installation, uninstallation, and upgrade of Dell Command | Configure, see the *Dell Command | Configure 4.8 User's Guide* at dell.com/support.

Dell Command | Configure Version 4.7

Topics:

- [Release type and definition](#)
- [Compatibility](#)
- [What's new in this release](#)
- [Installation process](#)

Release type and definition

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Version

4.7

Release Date

April 2022

Previous Version

4.6

Compatibility


Supported platforms

OptiPlex


Latitude

XPS Laptops

Dell Precision

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- Ubuntu Desktop 18.04 (64-bit)
- Ubuntu Server 18.04 (64-bit)
- Ubuntu Desktop 20.04 (64-bit)

What's new in this release

- Added support for SaveConfig attribute.
- Added support for encryption and decryption in Linux.
- The **Restore BIOS Settings** option supports five configurations, namely, **Factory Default**, **Built in Safe**, **Last Known Good**, **User Config1**, **User Config2**.
- Renamed the SysDefault attribute to RestoreBIOSSettings.

Installation process

For information about installation, uninstallation, and upgrade of Dell Command | Configure, see the Dell Command | Configure 4.7 User's Guide at dell.com/support.

Dell Command | Configure Version 4.6

Topics:

- [Release type and definition](#)
- [Compatibility](#)
- [What's new in this release](#)
- [Installation process](#)

Release type and definition

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Version

4.6

Release Date

September 2021

Previous Version

4.5

Compatibility


Supported platforms


OptiPlex

Latitude

XPS Laptops

Dell Precision

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- Red Hat Enterprise Linux (RHEL) 7.0 (64-bit)
- Ubuntu Desktop 16.04 (64-bit)
- Ubuntu Desktop 18.04 (64-bit)
- Ubuntu Server 18.04 (64-bit)
- Ubuntu Desktop 20.04 (64-bit)

What's new in this release

- Support for the Search functionality in the Dell Command | Configure CLI.
- Support for the passphrase requirement while exporting the SCE (.EXE) file option.
- Enhanced the **Sync** feature for the BIOS updates.
- Upgraded libxml2 open-source library to the latest version.
- Support for the following BIOS attributes:
 - IntelGna
 - MultipleAtomCores
 - Usb4CmM
 - EmbUnmngNic
 - PreBootDma
 - KernelDma
 - PcieResizableBar
 - VerticalIntegration
 - MSUefiCA
 - AutoRtcRecovery
 - LegacyInterfaceAccess



NOTE: For more information about the newly supported BIOS features, see [Dell Command | Monitor | Configure | PowerShell Provider—Newly Supported BIOS Features](#).

Installation process

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Dell Command | Configure Version 4.5

Topics:

- [Release type and definition](#)
- [Compatibility](#)
- [What's new in this release](#)
- [Known issues](#)
- [Installation process](#)

Release type and definition

Dell Command | Configure (formerly known as Client Configuration Toolkit or CCTK) is a packaged software that provides BIOS configuration capability to Dell client systems. You can configure the client systems by using the Dell Command | Configure user interface (UI) or a command line interface (CLI).

Version

4.5

Release Date

May 2021

Previous Version

4.4

Compatibility


Supported platforms

OptiPlex


Latitude

XPS Laptops

Dell Precision

 **NOTE:** For more information about the supported platforms, see **Compatible Systems** section on the **Driver Details** page for Dell Command | Configure.

 **NOTE:** Dell Command | Configure 4.0.0 or later requires platforms supporting WMI-ACPI BIOS. The complete functionalities of Dell Command | Configure is available for the supported platforms.

 **NOTE:** For the limited functionalities on non-WMI-ACPI compliant platforms, see Windows SMM Security Mitigations Table (WSMT) Compliance section in Dell Command | Configure Version 4.5.0 User's Guide.

Supported operating systems for Windows

Dell Command | Configure supports the following operating systems:

- Windows 11 21H2 - 22000
- Windows 10 19H1 - 18362
- Windows 10 19H2 - 18363
- Windows 10 20H1 - 19041
- Windows 10 20H2 - 19042
- Windows 10 Redstone 1 - 14393
- Windows 10 Redstone 2 - 15063
- Windows 10 Redstone 3 - 16299
- Windows 10 Redstone 4 - 17134
- Windows 10 Redstone 5 - 17763
- Windows 10 Core (32-bit and 64-bit)
- Windows 10 Pro (64-bit)
- Windows 10 Enterprise (32-bit and 64-bit)
- Windows 10 Preinstallation Environment (32-bit and 64-bit) (Windows PE 10.0)

Supported operating systems for Linux

Dell Command | Configure supports the following operating systems:

- Red Hat Enterprise Linux (RHEL) 8.0 (64-bit)
- Red Hat Enterprise Linux (RHEL) 7.0 (64-bit)
- Ubuntu Desktop 16.04 (64-bit)
- Ubuntu Desktop 18.04 (64-bit)
- Ubuntu Server 18.04 (64-bit)
- Ubuntu Desktop 20.04 (64-bit)

What's new in this release

- Support for **BIOSConnect** profiles:
 - ConnectionProfile
 - CloudAppProfile
 - CsosProfile
 - FotaProfile
 - HttpBootProfile
- Support for the following BIOS attributes:
 - TCCActOffset
 - RgbPerKeyboardLang
 - RgbPerKeyKeyboardColor

Known issues

- Dell command | Configure may not work after reinstallation/upgrade on Ubuntu Desktop 16.04 because the dcdbus module may not be loaded during reinstallation.

Load the module by running the following command:

```
insmod <filename>
```

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

Connect the system to the internet, and validate the digital signature.

- Dell Command | Configure does not support infile or outfile options in the .ini file.
- Dell Command | Configure supports only single-byte characters for an asset set operation.

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

- Dell Command | Configure does not control the dependencies among the various TPM PPI options. For example, it is possible to change the TPM PPI ACPI option through Dell Command | Configure even when TPM is not **On**.

i **NOTE:** There is no negative impact due to this on the BIOS.

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

- Description:
 - Dell Command | Configure allows enabling Legacy Option ROM when Secure Boot is On. If the Secure Boot is Off, then the Dell Command | Configure does not allow you to enable the Legacy Option ROM configuration.
 - Dell Command | Configure allows disabling Legacy Option ROM when Boot mode is Legacy. If the Boot Mode is not Legacy, then the Dell Command | Configure does not allow you to disable the Legacy Option ROM.
 - Dell Command | Configure allows enabling Secure Boot when Legacy option ROM is enabled and boot mode is UEFI. If the Legacy option ROM is disabled and boot mode is Legacy, then the Dell Command | Configure disables the Secure Boot.
 - Dell Command | Configure does not allow enumerating Secure Boot when it is disabled. If the Secure Boot is enabled, then the boot options can be enumerated.

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

- Blinkpsu1led and Blinkpsu2led is missing in the .ini file or SCE. Blinkpsu1led and Blinkpsu2led are 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 user interface.
- advsm option displays the status as Other. If any of the fans are not working, the advsm option displays the status as **Other**.
- Advance Battery Charge and Peak Shift Charge options are displayed as **Disable**. The system displays the option as **Disable** for the platforms which does not support battery charge.

The system displays the option as **Disable**, when the **peakshiftcfg** option is enumerated.

- Temperature probe in Advanced System Management option displays as **Unknown**. On some platforms that support **Advanced System Management** option, temperature probe of all the sensors displays as **Unknown**.
- 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.

i **NOTE:** This issue is addressed in the upcoming BIOS versions.

- On some of the platforms that support Advanced System Management option, when you set noncritical upper threshold values for cooling device, the CLI indicates that the action failed; however, setting the same is successful.
- Windows Camera is unavailable for two milliseconds, while running the Dell Command | Configure SCE or importing .ini file.
- A warning message is not displayed for BootOrder while enabling and disabling the same device. Dell Command Configure does not display any warning messages when you try to enable or disable the same bootable device. If the current status of the device is enabled, then the same device is disabled or vice versa.

Example: `cctk bootorder --bootlisttype=uefi --EnableDevice=hdd.1,hdd.2 --DisableDevice=hdd.1,hdd.2`

- If Dell Command | Monitor 10.2 and Dell Command | Configure 4.1 (or any prior versions) are installed in a system, then the Dell Command | Configure 4.1 (or any prior versions) may not work.
- After the setup password has been set in XPS 9300, Dell Precision 7700, and Dell Precision 7500 series platforms, these platforms does not allow you to set the system password.
- If you run SCE in Windows 7 operating system, Program Compatibility Assistant error is displayed periodically.

On **Program Compatibility Assistant** window, click **This program that is installed correctly** and then continue with the next steps.

- The performance of Dell Command | Configure 4.3 or later in a Linux operating system is slower on the systems that are running on kernel versions 4.15 or later.
- Command line reference may have alignment issues with Dell Command Configure 4.3.1 or later versions. Some of the BIOS settings are displayed with spaces and results in failure during configuration.

Use double quotes for the BIOS settings where spaces are displayed. Example: `cctk --"bios<>setting<>name"` or `cctk --"bios<>setting<>name"=valuenam`

Installation process

For information about installation, uninstallation, and upgrade of Dell Command | Configure, see the Dell Command | Configure 4.5.0 User's Guide at Dell.com.

Dell Command | Configure Version 4.4

Topics:

- [Release type and definition](#)
- [Compatibility](#)
- [What's new in this release](#)
- [Known issues](#)
- [Installation process](#)

Release type and definition

Dell Command | Configure (formerly known as Client Configuration Toolkit or CCTK) is a packaged software that provides BIOS configuration capability to Dell client systems. You can configure the client systems by using the Dell Command | Configure graphical user interface (GUI) or a command-line interface (CLI).

Version

4.4

Release Date

December 2020

Previous Version

4.3.1

Compatibility


Supported platforms


OptiPlex

Latitude

XPS Laptops

Dell Precision

 **NOTE:** For more information about the supported platforms, see **Compatible Systems** section on the **Driver Details** page for Dell Command | Configure.

 **NOTE:** Dell Command | Configure 4.0.0 or later requires platforms supporting WMI-ACPI BIOS. The complete functionalities of Dell Command | Configure is available for the supported platforms.

 **NOTE:** For the limited functionalities on non-WMI-ACPI compliant platforms, see Windows SMM Security Mitigations Table (WSMT) Compliance section in Dell Command | Configure Version 4.4.0 User's Guide.

Supported operating systems for Windows

Dell Command | Configure supports the following operating systems:

- Windows 10 Redstone 1 - 14393
- Windows 10 Redstone 2 - 15063
- Windows 10 Redstone 3 - 16299
- Windows 10 Redstone 4 - 17134
- Windows 10 Redstone 5 - 17763
- Windows 10 19H1 - 18362
- Windows 10 19H2 - 18363
- Windows 10 20H1 - 19041
- Windows 10 Core (32-bit and 64-bit)
- Windows 10 Pro (64-bit)
- Windows 10 Enterprise (32-bit and 64-bit)
- Windows 8.1 Enterprise (32-bit and 64-bit)
- Windows 8.1 Professional (32-bit and 64-bit)
- Windows 7 Professional SP1 (32-bit and 64-bit)
- Windows 7 Ultimate SP1 (32-bit and 64-bit)
- Windows 10 Preinstallation Environment (32-bit and 64-bit) (Windows PE 10.0)
- Windows 8.1 Preinstallation Environment (32-bit and 64-bit) (Windows PE 5.0)
- Windows 7 SP1 Preinstallation Environment (32-bit and 64-bit) (Windows PE 3.1)
- Windows 7 Preinstallation Environment (32-bit and 64-bit) (Windows PE 3.0)

Supported operating systems for Linux

Dell Command | Configure supports the following operating systems:

- Red Hat Enterprise Linux (RHEL) 8.0 (64-bit)
- Red Hat Enterprise Linux (RHEL) 7.0 (64-bit)
- Ubuntu Desktop 16.04 (64-bit)
- Ubuntu Desktop 18.04 (64-bit)
- Ubuntu Server 18.04 (64-bit)
- Ubuntu Desktop 20.04 (64-bit)

What's new in this release

- Support for the Search functionality in the Dell Command | Configure CLI.
- Support for the passphrase requirement while exporting the SCE (.EXE) file option.
- Enhanced the **Sync** feature for the BIOS updates.
- Upgraded libxml2 open-source library to the latest version.
- Support for the following BIOS attributes:
 - IntelGna
 - MultipleAtomCores
 - Usb4CmM
 - EmbUnmngNic
 - PreBootDma
 - KernelDma
 - PcieResizableBar
 - VerticalIntegration
 - MSUefiCA
 - AutoRtcRecovery

Known issues

- Dell command | Configure may not work after reinstallation/upgrade on Ubuntu Desktop 16.04 because the dcdbus module may not be loaded during reinstallation.

Load the module by running the following command:

```
insmod <filename>
```


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

Connect the system to the internet, and validate the digital signature.

- Dell Command | Configure does not support infile or outfile options in the .ini file.
- Dell Command | Configure supports only single-byte characters for an asset set operation.

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

- Dell Command | Configure does not control the dependencies among the various TPM PPI options. 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.

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


- Description:
 - Dell Command | Configure allows enabling Legacy Option ROM when Secure Boot is On. If the Secure Boot is Off, then the Dell Command | Configure does not allow you to enable the Legacy Option ROM configuration.
 - Dell Command | Configure allows disabling Legacy Option ROM when Boot mode is Legacy. If the Boot Mode is not Legacy, then the Dell Command | Configure does not allow you to disable the Legacy Option ROM.
 - Dell Command | Configure allows enabling Secure Boot when Legacy option ROM is enabled and boot mode is UEFI. If the Legacy option ROM is disabled and boot mode is Legacy, then the Dell Command | Configure disables the Secure Boot.
 - Dell Command | Configure does not allow enumerating Secure Boot when it is disabled. If the Secure Boot is enabled, then the boot options can be enumerated.

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


- Blinkpsu1led and Blinkpsu2led is missing in the .ini file or SCE. Blinkpsu1led and Blinkpsu2led are not been 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 user interface.
- advsm option displays the status as Other. If any of the fans are not working, the advsm option displays the status as **Other**.
- Advance Battery Charge and Peak Shift Charge options are displayed as **Disable**. The system displays the option as **Disable** for the platforms which does not support battery charge.

The system displays the option as **Disable**, when the **peakshiftcfg** option is enumerated.

- Temperature probe in Advanced System Management option displays as **Unknown**. On some platforms that support **Advanced System Management** option, temperature probe of all the sensors displays as **Unknown**

 **NOTE:** This issue is addressed in the upcoming BIOS versions.

- 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 is addressed in the upcoming BIOS versions.

- On some of the platforms that support Advanced System Management option, when you set noncritical upper threshold values for cooling device, the CLI indicates that the action failed; however, setting the same is successful.
- Windows Camera is unavailable for two milliseconds, while running the Dell Command | Configure SCE or importing .ini file. A warning message is not displayed for BootOrder while enabling and disabling the same device. Dell Command Configure does not display any warning messages when you try to enable or disable the same bootable device. If the current status of the device is enabled, then the same device is disabled or vice versa.

Example: `cctk bootorder --bootlisttype=uefi --EnableDevice=hdd.1,hdd.2 --DisableDevice=hdd.1,hdd.2`

- If Dell Command | Monitor 10.2 and Dell Command | Configure 4.1 (or any prior versions) are installed in a system, then the Dell Command | Configure 4.1 (or any prior versions) may not work.
- After the setup password has been set in XPS 9300, Dell Precision 7700, and Dell Precision 7500 series platforms, these platforms does not allow you to set the system password.
- If you run SCE in Windows 7 operating system, Program Compatibility Assistant error is displayed periodically.

On **Program Compatibility Assistant** window, click **This program that is installed correctly** and then continue with the further steps.

- The performance of Dell Command | Configure 4.3 or later in Linux operating system is slower on the systems that are running on kernel versions 4.15 or later.
- Command line reference may have alignment issues with Dell Command Configure 4.3.1 or later versions. Some of the BIOS settings are displayed with spaces and results in failure during configuration.

Use double quotes for the BIOS settings where spaces are displayed. Example: `cctk --"bios<>setting<>name"` or `cctk --"bios<>setting<>name"=valuenam`

Installation process

For information about installation, uninstallation, and upgrade of Dell Command | Configure, see the Dell Command | Configure 4.4.0 User's Guide at Dell.com.

Dell Command | Configure Version 4.3.1

Topics:

- [Release type and Definition](#)
- [Compatibility](#)
- [What's new in this release](#)
- [Fixes](#)
- [Known Issues](#)

Release type and Definition

Dell Command | Configure (formerly known as Client Configuration Toolkit or CCTK) is a packaged software that provides BIOS configuration capability to Dell client systems. You can configure the client systems by using the Dell Command | Configure graphical user interface (GUI) or a command-line interface (CLI).

Version

4.3.1

Release Date

August 2020

Previous Version

4.3.0

Compatibility


Supported platforms

OptiPlex


Latitude

XPS Laptops

Dell Precision

 **NOTE:** For more information about the supported platforms, see **Compatible Systems** section on the **Driver Details** page for Dell Command | Configure.

 **NOTE:** Dell Command | Configure 4.0.0 or later requires platforms supporting WMI-ACPI BIOS. The complete functionalities of Dell Command | Configure is available for the supported platforms.

 **NOTE:** For the limited functionalities on non-WMI-ACPI compliant platforms, see Windows SMM Security Mitigations Table (WSMT) Compliance section in Dell Command | Configure Version 4.3.1 User's Guide.

Supported operating systems for Windows

Dell Command | Configure supports the following operating systems:

- Windows 10 Redstone 1 - 14393
- Windows 10 Redstone 2 - 15063
- Windows 10 Redstone 3 - 16299
- Windows 10 Redstone 4 - 17134
- Windows 10 Redstone 5 - 17763
- Windows 10 19H1 - 18362
- Windows 10 19H2 - 18363
- Windows 10 Core (32-bit and 64-bit)
- Windows 10 Pro (64-bit)
- Windows 10 Enterprise (32-bit and 64-bit)
- Windows 8.1 Enterprise (32-bit and 64-bit)
- Windows 8.1 Professional (32-bit and 64-bit)
- Windows 7 Professional SP1 (32-bit and 64-bit)
- Windows 7 Ultimate SP1 (32-bit and 64-bit)
- Windows 10 Preinstallation Environment (32-bit and 64-bit) (Windows PE 10.0)
- Windows 8.1 Preinstallation Environment (32-bit and 64-bit) (Windows PE 5.0)
- Windows 7 SP1 Preinstallation Environment (32-bit and 64-bit) (Windows PE 3.1)
- Windows 7 Preinstallation Environment (32-bit and 64-bit) (Windows PE 3.0)

Supported operating systems for Linux

Dell Command | Configure supports the following operating systems:

- Red Hat Enterprise Linux (RHEL) 8.0 (64-bit)
- Red Hat Enterprise Linux (RHEL) 7.0 (64-bit)
- Ubuntu Desktop 16.04 (64-bit)
- Ubuntu Desktop 18.04 (64-bit)
- Ubuntu Server 18.04 (64-bit)
- Ubuntu Desktop 20.04 (64-bit)


What's new in this release

Support for NVMe HDD password.

Fixes

- The issue where Dell Command | Configure user interface does not accept **F** as a password character is resolved. If the password string contains the **F** character, then the **Password contains invalid character** message is displayed.
- The issue where the Dell Command | Configure **OvrWrt** feature does not work and displays a usage error message is resolved. This issue is resolved. The usage error message is displayed when you run the `cctk.exe --ovrwr -o=<filename.ini>` command.
- This issue where Dell Command | Configure sets an unknown password for the BIOS issue is resolved. While running the following command `cctk.exe --setuppwd --valsetuppwd=abcd1234`, Dell Command | Configure displays **Only validation option. No actions will be performed. Password is set successfully** message issue is resolved.
- An error message is displayed when a specific value of the feature is not supported on the system. If a specific value of the feature is not supported on the system and if you try to set the value by using Dell Command | Configure CLI, then the following error message is displayed `This value is not supported on the system. For more information, enter help cctk -h in CLI, error code 147.`
- The experience where a local package takes few seconds to load for the first time issue has been resolved. Once you launch the user interface application for the first time, the local system package takes few seconds to load. As a result of that, the application takes few seconds to display the data grid. This delay is not observed during the next cycle onwards issue is resolved.

- The experience where the user interface application takes few seconds to exit if closed immediately after launch issue is resolved. Once you launch the user interface application and close it immediately, the closure is delayed by few seconds. This happens for the first time and is not observed during the next cycle onwards issue is resolved.
- Dell Command | Configure stops responding on a German version of the Windows operating system issue is resolved.
- Validating the feature for nonenum types issue is resolved.
- Issues that are observed on the platforms where system and setup passwords are not supported is resolved.
- Dell Command | Configure SCE stops responding once you enter " in any of the following fields: **Passwords**, **Asset**, or **PropOwntag** issue is resolved.
- Dell Command | Configure stops responding on 19H1 operating system is resolved.
- Import .ini displays an 146 error code with **KeyboardBacklightColor** feature on nonsupported system, this issue is resolved.
- Removing HAPI install from WinPE scripts.
- The set operation failure message for SHA256 BIOS feature is resolved.

 **NOTE:** No escape sequence is required in user interface for text field features.

Known Issues

Issue: Unable to use Dell Command | Configure after reinstallation/upgrade.

Description: Dell command | Configure may not work after reinstallation/upgrade on Ubuntu Desktop 16.04 because the dcdbus module may not be loaded during reinstallation.

Load the module by running the following command:

```
insmod <filename>
```

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 the internet, and validate the digital signature.


Issue: Dell Command | Configure does not support infile or outfile options in the .ini file.

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

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

Issue: TPM-related tokens can be modified independently.

Description: Dell Command | Configure does not control the dependencies among the various TPM PPI options. 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 Legacy Option ROM and Secure Boot.

Description:

- Dell Command | Configure allows enabling Legacy Option ROM when Secure Boot is On. If the Secure Boot is Off, then the Dell Command | Configure does not allow you to enable the Legacy Option ROM configuration.
- Dell Command | Configure allows disabling Legacy Option ROM when Boot mode is Legacy. If the Boot Mode is not Legacy, then the Dell Command | Configure does not allow you to disable the Legacy Option ROM.
- Dell Command | Configure allows enabling Secure Boot when Legacy option ROM is enabled and boot mode is UEFI. If the Legacy option ROM is disabled and boot mode is Legacy, then the Dell Command | Configure disables the Secure Boot.
- Dell Command | Configure does not allow enumerating Secure Boot when it is disabled. If the Secure Boot is enabled, then the boot options can be enumerated.

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

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

Description: Blinkpsu1led and Blinkpsu2led are 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 user interface.

Issue: advsm option displays the status as Other

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


Issue: Advance Battery Charge and Peak Shift Charge options are displayed **Disable**.

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

The system displays the option as **Disable**, when the `peakshiftcfg` option is enumerated.

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 is addressed in the upcoming BIOS versions.

Issue: 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 is addressed in the upcoming BIOS versions.

Issue: On some of the platforms that support Advanced System Management option, when you set noncritical upper threshold values for cooling device, the CLI indicates that the action failed; however, setting the same is successful.

Issue: Windows Camera is unavailable for two milliseconds, while running the Dell Command | Configure SCE or importing .ini file.

Issue: A warning message is not displayed for BootOrder while enabling and disabling the same device.

Description: Dell Command Configure does not display any warning messages when you try to enable or disable the same bootable device.

Example: `cctl bootorder --bootlisttype=uefi --EnableDevice=hdd.1,hdd.2 --DisableDevice=hdd.1,hdd.2`

Resolution: If the current status of the device is enabled, then the same device is disabled or vice versa.

Issue: If Dell Command | Monitor 10.2 and Dell Command | Configure 4.1 (or any prior versions) are installed in a system, then the Dell Command | Configure 4.1 (or any prior versions) may not work.

Issue: After the setup password has been set in XPS 9300, Dell Precision 7700, and Dell Precision 7500 series platforms, these platforms does not allow you to set the system password.

Issue: If you run SCE in Windows 7 operating system, Program Compatibility Assistant error is displayed periodically.

Resolution: On **Program Compatibility Assistant** window, click **This program that is installed correctly** and then continue with the further steps.

Issue: The performance of Dell Command | Configure 4.3 in Linux operating system is slower on the systems that are running on kernel versions 4.15 or later.

Limitations

- Dell Command | Configure for Linux works only on the SMM Enabled (Security Mitigation) environments, if the kernel version is 4.15 or later. Otherwise, SMM Enabled (Security Mitigation) environment must be disabled or turned off.
- As per the security restriction, Dell Command | Configure does not allow to set specific values, though they are supported on the platform by displaying + sign in the feature help text.

Installation, upgrade, and uninstallation instructions

For information about installation, uninstallation, and upgrade of Dell Command | Configure, see the Dell Command | Configure Installation Guide.

The Dell Command | Configure packages that are released for Ubuntu Desktop 16.04 must be installed on Ubuntu server or desktop 18.04. Following are the installation packages:

- `command_configure_4.4.0-<build no>.ubuntu16_amd64.deb`
- `srvadmin-hapi_9.3.0.deb`

Importance

RECOMMENDED: 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).

Contacting Dell

Dell provides several online and telephone-based support and service options. 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, go to dell.com.

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.