

Dell Command | PowerShell Provider

Version 2.3.1 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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Release Type and Definition

Dell Command | PowerShell Provider is a PowerShell module that provides BIOS configuration capability to Dell client systems. Dell Command | PowerShell Provider can be installed as plug-in software registered within Windows PowerShell environment and works for local and remote systems, even in a Windows preinstallation environment. This module allows better manageability for IT administrators to modify and set BIOS configurations, with its native configuration capability.

Version

2.3.1

Release Date

August 2020

Previous Version

2.3.0

Topics:

- [Compatibility](#)
- [What's new in this release](#)
- [Fixes](#)
- [Importance](#)
- [Known Issues](#)
- [Installation, Upgrade, and Uninstallation Instructions](#)

Compatibility

Platforms affected

- OptiPlex
- Latitude
- Internet of Things
- XPS Notebook
- Precision

 **NOTE:** For more information about the supported platforms, refer [Supported Platforms](#) list.

Supported Operating Systems

Dell Command | PowerShell Provider supports the following operating systems:

- Windows 10 Redstone 1
- Windows 10 Redstone 2
- Windows 10 Redstone 3

- Windows 10 Redstone 4
- Windows 10 Redstone 5
- Windows 10 19H1
- 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)

What's new in this release

Support for NVMe HDD password.

Fixes

Following issues were fixed during this release:

Issue: The `PSPATH` displayed is incorrect.

Description: While running the following `gi .\SystemInformation | fl *` command, `PSPATH` is displayed as **DellBIOSProvider\DellSmbiosProv::DellBIOS:\SystemInformation**.

Resolution: Change DellBIOS to DellSMBIOS.

This issue has been addressed in the current release.

Issue: Error message **could not find the path** was displayed due to `/` during auto completion of the category name in the systems running Windows 8 and later.

This issue has been fixed now. User could navigate to the location after using auto completion for the category name.

Issue: Success message was part of console and must be handled separately.

This issue has been fixed now. Success message is now displayed as part of the verbose switch during set operation.

Issue: Unable to set `KeyboardIllumination` to 100 percent using Dell Command | PowerShell Provider.

This issue has been fixed now. `KeyboardIllumination` attribute can be set as **Bright** (100%).

Issue: Dell Command | PowerShell Provider showed `MemoryTechnology` attribute as **TBD** on some platforms with the latest memory technology such as DDR4, LPDDR, LPDDR2, LPDDR3, or LPDDR4.

This issue has been fixed now. `MemoryTechnology` attribute is now shown on the platforms with the latest technology such as DDR4, LPDDR,...So on

Issue: `HTCapable` attribute displays **No** even if supported in few systems.

This issue has been fixed now. `HTCapable` attribute displays the accurate information.

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).

Known Issues

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

Installation, Upgrade, and Uninstallation Instructions

For information about installation, uninstallation, and upgrade of Dell Command | PowerShell Provider, see the Dell Command | PowerShell Provider User's Guide at https://www.dell.com/support/home/us/en/19/products/software_int/software_client_systems_mgmt.

Installation Prerequisites

Windows

- The Dell Command | PowerShell Provider installation file DellCommandPowerShellProvider2.3.1_<build number>.zip.
- Administrator privileges on the Dell client system where you are installing Dell Command | PowerShell Provider.
- Windows Management Framework (WMF) 3.0 or later.
- PowerShell 3.0 or later.
- Microsoft Visual C++ redistributable 2010 and 2015.

Installation process

For information about installation, uninstallation, and upgrade of Dell Command | PowerShell Provider, see the Dell Command | PowerShell Provider 2.3.1 User's Guide at Dell.com.

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.