

Dell Command | PowerShell Provider Version 2.0 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.

Contents

Release Type and Definition.....	4
Version	4
Release Date	4
Previous Version	4
Importance.....	5
Platforms affected.....	6
Supported Operating Systems.....	7
What's New In This Release.....	8
Known Issues.....	9
Important Notes.....	10
Installation Prerequisites.....	11
Windows.....	11
Installation, Upgrade, and Uninstallation Instructions.....	12
Contacting Dell.....	13



Release Type and Definition

Dell Command | PowerShell Provider is a PowerShell module that provides BIOS configuration capability to Dell client system specific to IoT using Windows PowerShell Interface and is applicable for Dell Edge Gateway and Dell Embedded Box Systems. Dell Command | PowerShell Provider can be installed as plug-in software registered within Windows PowerShell environment. Dell Command | PowerShell Provider works for local and remote systems, and even in Windows pre-installation environment. This module, with its native configuration capability, makes BIOS configuration most manageable for system administrators.

Version

2.0

Release Date

December 2017

Previous Version

1.3

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).



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
- Microsoft - Windows 7 64-bit - Professional
- Microsoft - Windows 7 64-bit – WinPE 3.0
- Microsoft - Windows 7 64-bit - Professional
- Microsoft - Windows 10 64-bit - PRO
- Microsoft - Windows 10 64-bit – WinPE 10.0
- Microsoft - Windows 10 64-bit - Home
- Microsoft - Windows 10 64-bit – Enterprise LTSC



What's New In This Release

The new features for this release include:

- Support for the following new BIOS attributes:
 - In the **PowerManagement** category,
 - * SpeedShift
 - In the **TpmSecurity** category,
 - * TpmPpiClearOverride
 - In the **Security** category,
 - * SmmSecurityMitigation
 - * BlockSid
 - * PpiByPassForBlockSid
 - In the **SystemConfiguration** category,
 - * Sata8
 - * EMMCDevice
 - * VmdPcieSlot
 - * VmdNvmePcie0
 - * VmdNvmePcie1
 - * VmdNvmePcie0Cpu1
 - * VmdNvmePcie1Cpu1
 - In the **PreEnabled** category,
 - * ReportLogoType
 - * DashSupport



NOTE: For more details on these options, see *Dell Command | PowerShell Provider Reference Guide* available at dell.com/dellclientcommandsuitemanuals.

Known Issues

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 is addressed in the upcoming release.



Important Notes

Importing the DellBIOSProvider module may take some time.



Installation Prerequisites

Windows

- The Dell Command | PowerShell Provider installation file DellCommandPowerShellProvider2.0_<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, Upgrade, and Uninstallation Instructions

For information on installation, uninstallation, and upgrade of Dell Command | PowerShell Provider, see the Dell Command | PowerShell Provider User's Guide at dell.com/dellclientcommandsuite/manuals.



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.**

