Dell Storage Center Command Set 7.1 for Windows PowerShell Release Notes

Storage Center Command Set 7.1 for Windows PowerShell introduces new commands and fixes issues present in the previous release.
Current Release Version: 7.1.4
Release Type: Minor (MI)

Topics:

Revision History

Revision	Date	Description
A	September 2014	Initial release for 7.1
B	February 2015	Added Fixed Issues in Version 7.1.1 section
C	August 2015	Added Fixed Issues in Version 7.1.2 section
D	October 2016	Added Fixed Issue in Version 7.1.3 section
E	April 2018	Added Fixed issue in Version 7.1.4 section
F	September 2021	Updated Windows PowerShell requirements

Requirements

The following requirements apply to Storage Center Command Set 7.1 for Windows PowerShell.

Requirement	Description
Storage Center	Version 6.6 or later.
.NET Framework	Version 3.5 or later.
Windows PowerShell	Version 2.0 to 5.1. ⓘ **NOTE:** Windows PowerShell versions 6.0 and later might work with Storage Center Command Set 7.1, but they have not been tested for compatibility. ⓘ **NOTE:** Install Windows PowerShell before installing the Storage Center Command Set snapin.
Storage Center user Privileges	Cmdlet access to Storage Center folders, volumes, and views is dependent on the Storage Center user privilege and the group membership: ● **Administrators**: have full system access.

Requirement	Description
	• **Volume Managers**: have access to folders associated with their assigned User Groups. They can create volumes in the allowed volume folders and map them to existing servers in the allowed server folders. • **Reporters**: have read-only access to folders associated with their assigned user.
Script Privileges	Script file execution requires the following: • Windows elevated permissions. • Write access (with PowerShell scripting enabled) to either the directory in which the PowerShell executable is located or the directory in which the script file is located. • Appropriate Storage Center access privileges for the user running the script to allow all cmdlets to execute without access errors. If the user running a script lacks the required Storage Centeraccess privileges for the script, the script will fail.

New in This Release

Storage Center Command Set 7.1 for Windows PowerShell offers the following features and enhancements. For more details, see the *Dell Storage Center Command Set 7.1 for Windows PowerShell Administrator's Guide*.

Directory User Support

Storage Center Command Set 7.1 for Windows PowerShell supports directory users.

New Commands

The following commands are now available as apart of the Storage Center Command Set 7.1 for Windows PowerShell.

Command	Description
New-SCReplicationQos	Creates a new quality of service (QoS) definition.
New-SCStorageProfile	Creates a new Storage Profile.
Remove-SCReplicationQos	Deletes a QoS definition.
Set-SCReplayProfile	Sets the attributes of a replay profile.
Set-SCReplicationQos	Sets attributes of a QoS definition.
Set-SCStorageProfile	Sets the attributes of a Storage Profile.

Fixed Issues

The following sections summarize the issues fixed in the each product version.

Fixed Issues in Version 7.1.4

The following issue is fixed in Storage Center Command Set for Windows PowerShell Version 7.1.4.

Issue	Description
PSCS-2	Command Set for Windows PowerShell defaults to TLSv1 for SSL connections, however Storage Center version 7.3 requires TLSv 1.2.

Fixed Issues in Version 7.1.3

The following issue is fixed in Storage Center Command Set for Windows PowerShell Version 7.1.3.

Issue	Description
CQ00505913	Performing a `Get-SCVolume` call with five or more volumes on the system returns incorrect SCSI information (Device Id, SerialNumber) for live volumes.

Fixed Issues in Version 7.1.2

The following issue is fixed in Storage Center Command Set for Windows PowerShell Version 7.1.2.

Issue	Description
CQ00474175	Using the cmdlet command with the `-Connection` parameter fails to connect to the Storage Center and issues an error message.

Fixed Issues in Version 7.1.1

The following issue is fixed in Storage Center Command Set for Windows PowerShell Version 7.1.1.

Issue	Description
CQ00437912	Commands may randomly hang when using a PowerShell script that loops.

Fixed Issues in Version 7.1

The following issue is fixed in Storage Center Command Set for Windows PowerShell Version 7.1.

Issue	Description
CQ00111018	If the connection with a Storage Center fails, the Command Set may use another connection.
CQ00307509	The `isReplicated` command incorrectly reports False for replicated volumes.
CQ00342945	`Remove-SCServer` does not verify that the user has administrator level privileges before attempting to remove the server.
CQ00363114	The help for `New-SCVolume` displays the incorrect syntax.
CQ00378062	With Windows Server 2012, volume and disk management commands fail when run against a remote
CQ00404123	The `-Whatif` and `-Confirm` parameters do not work as intended and allows the command to run.

Known Issues

The following issue appears in Storage Center Command Set for Windows PowerShell Version 7.1.

Issue	Description
CQ00362433	Creating a volume on flash drives using theStorage Center PowerShell Command Set enables write cache.

Contacting Dell

Dell provides several online and telephone-based support and service options. Availability varies by country and product, and some services might not be available in your area.

To contact Dell for sales, technical support, or customer service issues, go to https://www.dell.com/support.
- For customized support, type your system service tag on the support page and click **Submit**.
- For general support, browse the product list on the support page and select your product.

Notes, cautions, and warnings

(i) **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.**