

# Dell Storage Center Management Pack Version 4.0.1 for Microsoft System Center 2012 Operations Manager Release Notes

This document introduces a new version of the Dell Storage Center Management Pack for Microsoft System Center 2012 Operations Manager and describes known issues.

The Dell Storage Center Management Pack lets administrators monitor Storage Center performance and acknowledge alerts using Microsoft System Center 2012 Operations Manager.

**Current Version:** 4.0.1

**Release Date:** 2016-07

**Previous Version:** 4.0

## Revision History

Document Number: 680-099-002

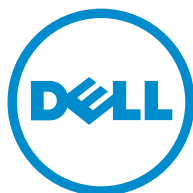
Revision	Date	Description
A	December 2015	Version 4.0 release
B	July 2016	Version 4.0.1 release

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## New in This Release

Version 4.0.1 of the Dell Storage Center Management Pack for Microsoft System Center 2012 Operations Manager adds support for Dell Storage Manager 2016 R1.



# Installation Requirements

The following table provides the installation requirements for the Storage Center Management Pack Version 4.0.1 for Microsoft System Center 2012 Operations Manager (SCOM).

**Table 1. Installation Requirements**


Requirement	Description
Microsoft SCOM	The server must meet all SCOM requirements and must be one of the following supported versions: <ul style="list-style-type: none"> <li>• SCOM 2012 R2</li> <li>• SCOM 2012 SP1</li> </ul>
Microsoft System Center Virtual Machine Manager (SCVMM)	The following versions of SCVMM are supported: <ul style="list-style-type: none"> <li>• SCVMM 2012 R2</li> <li>• SCVMM 2012 SP1</li> </ul>
Storage Manager	<ul style="list-style-type: none"> <li>• Enterprise Manager 2015 R2</li> <li>• Enterprise Manager 2015 R3</li> <li>• Dell Storage Manager 2016 R1 or later</li> </ul>
Storage Center Operating System	The Storage Center Operating System version depends on the version supported by Storage Manager.
Dell Storage Systems	The following storage systems are supported: <ul style="list-style-type: none"> <li>• SCv2020</li> <li>• SC4020</li> <li>• SC8000</li> <li>• SC9000</li> </ul>
Operating System	The following Windows Server operating system versions are supported: <ul style="list-style-type: none"> <li>• Microsoft Windows Server 2008 R2 SP1</li> <li>• Microsoft Windows Server 2012</li> <li>• Microsoft Windows Server 2012 R2</li> </ul>
Microsoft .NET Framework	Microsoft .NET Framework 4.0 or later
Processor	x64
Memory	See the <a href="#">Microsoft System Center Technical Documentation Library</a> website for the latest memory requirements.
Network Connection	<ul style="list-style-type: none"> <li>• Gigabit Ethernet is highly recommended by Dell</li> <li>• Visibility to each monitored Storage Center</li> </ul>
TCP Port	By default, port 3033 is used for communication between the Windows Management Instrumentation (WMI) Provider and the Storage Manager Data Collector.

Requirement	Description
Server	Must be monitored by SCOM and have a monitoring agent installed. For more information, see the <a href="#">Microsoft Operations Manager Agent Installation Methods</a> web page.

## Updating the Management Pack

The System Center Operations Manager (SCOM) Management Pack Upgrade wizard can be used to update the software from version 3.x or 4.0 to version 4.0.1.

If you are updating the Windows Management Instrumentation (WMI) Configurator, the list of Data Collectors and their credentials are retained.

 **NOTE:** The SCOM version and the operating system must be the same versions as the versions used before the update. If a previous version of the SCOM Management Pack is installed, the Installation wizard issues a warning that the update is going to be installed. An option to cancel the update is provided.

## Known Issues

The following table lists known issues in this release of the Dell Storage Center Management Pack for Microsoft System Center 2012 Operations Manager.

Issue	Description
SCOM-38	If version 4.0 of the Storage Center Management Pack is installed, running the version 4.0.1 installer does not prompt for the update. Instead it proceeds with the update because it is a minor build update. After the update completes, verify in <b>Add/Remove programs</b> that the version number is updated to version 4.0.1.
CQ00496168	Storage Center volumes connected in virtual machines (VMs) using virtual Fibre Channel (FC) are not discovered in SCOM as part of the VMM Discovery for SCVMM 2012 SP1 (a known limitation). Support for virtual FC was added in version SCVMM 2012 R2. For more information, see the <a href="#">Microsoft System Center</a> website.
CQ00387050	Occasionally, storage usage data might not appear in Storage Center, server, and volume dashboards. <b>Workaround:</b> Change the frequency for the following performance counters from 43,200 seconds (twice daily) to 900 seconds (15 minutes). After the storage usage data appears, change the frequencies back to 43,200 seconds (twice daily). <ul style="list-style-type: none"> <li>• Storage Center AlertThresholdSpace Collection Rule</li> <li>• Storage Center UsedSpace Collection Rule</li> <li>• Storage Center AvailableSpace Collection Rule</li> <li>• Storage Center Server ActiveSpace Collection Rule</li> <li>• Storage Center Server ActualSpace Collection Rule</li> <li>• Storage Center Server ReplaySpace Collection Rule</li> <li>• Storage Center Server TotalDiskSpace Collection Rule</li> <li>• Storage Center Volume ActiveSpace Collection Rule</li> <li>• Storage Center Volume ActiveSpace Collection Rule</li> </ul>

Issue	Description
	<ul style="list-style-type: none"><li data-bbox="539 243 1155 273">• Storage Center Volume ActualSpace Collection Rule</li><li data-bbox="539 275 1155 304">• Storage Center Volume ReplaySpace Collection Rule</li><li data-bbox="539 306 1187 336">• Storage Center Volume TotalDiskSpace Collection Rule</li></ul>

## 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 [www.dell.com/support](http://www.dell.com/support).

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