

Dell EMC Windows Server Agent-based and iDRAC7 or iDRAC8 SNMP Management Pack Version 7.3 for Microsoft System Center Operations Manager Release Notes

This document describes the new features, resolved issues, and known issues in the Dell EMC Windows Server Agent-based and iDRAC7 or iDRAC8 SNMP Management Pack Version 7.3 for Microsoft System Center Operations Manager.

Current Release Version: 7.3

Previous Release Version: 7.2

Release Type: Major (MA)

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Priority and recommendations

RECOMMENDED: Dell EMC 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, including firmware, BIOS, drivers, and software.

Revision history

The following table lists the revision history of the release notes for Dell EMC Windows Server Agent-based and iDRAC7 or iDRAC8 SNMP Management Pack for Microsoft System Center Operations Manager.

Table 1. Document revision history

Document revision	Date	Description
A00	July 2021	Initial release
A01	July 2021	Support for PowerEdge R450, R550, R750xs, R650xs, XR12, XR11 servers
A02	October 2021	Support for PowerEdge R250, R350, T150, T350 servers
A03	November 2021	Support for PowerEdge T550 server
A04	July 2022	Support for System Center Operations Manager 2022

Table 1. Document revision history (continued)

Document revision	Date	Description
A05	August 2022	Support for Dell OpenManage Server Administrator (OMSA) versions 10.1.0.0 and 10.2.0.0
A06	June 2023	Support for Dell OpenManage Server Administrator (OMSA) version 11.0.0.0

Product description

Description of Dell EMC Windows Server Agent-based and iDRAC7 or iDRAC8 SNMP Management Pack for Microsoft System Center Operations Manager.

The Dell EMC Windows Server Agent-based and iDRAC7 or iDRAC8 SNMP Management Pack for SCOM enables agent-based discovery and monitoring of PowerEdge servers, rack workstations, and iDRACs through OMSA. The Dell EMC-specific views on the SCOM console is used to observe and analyze the device status in a network.

For more information about the key features of Dell EMC Windows Server Agent-based and iDRAC7 or iDRAC8 SNMP Management Pack for Microsoft System Center Operations Manager and supported hardware and software, see *Dell EMC Windows Server Agent-based and iDRAC7 or iDRAC8 SNMP Management Pack for Microsoft System Center Operations Manager User's Guide* on the Dell Technologies support site.

New features

- Support for:
 - System Center Operations Manager 2022.
 - Update Rollup 3 for System Center Operations Manager 2019.
 - Update Rollup 10 for System Center Operations Manager 2016.
- Support for Dell OpenManage Server Administrator (OMSA) versions 10.0.1, 10.1.0.0, 10.2.0.0 and 11.0.0.0.
- Support for the latest Dell PowerEdge servers. To view the supported PowerEdge servers, see Dell EMC OpenManage Server Administrator (OMSA) support matrix available at <https://www.dell.com/openmanagemanuals>.

What's changed

- **Product name change**
 - The product name is changed to **Dell EMC Windows Server Agent-based and iDRAC7 or iDRAC8 SNMP Management Pack for Microsoft System Center Operations Manager**. In the previous releases, the product name was referred to as **Dell EMC Server Management Pack Suite for Microsoft System Center Operations Manager**.
- **Installer changes**
 - The installation screens display the updated name of the product—**Dell EMC Windows Server Agent-based and iDRAC7 or iDRAC8 SNMP Management Pack for Microsoft System Center Operations Manager**.
 - The monitoring features supported by the product are listed in the installation screens.
- The Server and Rack Workstation monitoring feature using iSM-WMI and its related details and monitoring views are now provided in the *Dell EMC OpenManage Integration with Microsoft System Center (OMIMSSC) for System Center Operations Manager (SCOM) User's Guide* available on the support site.

Resolved issues

Table 2. Resolved issues in Dell EMC Windows Server Agent-based and iDRAC7 or iDRAC8 SNMP Management Pack for SCOM

Issue ID	Functional area	Description
NA	Monitoring of devices	There is no time bound limitation of monitoring execution.

Known issues

Table 3. Known issues in Dell EMC Windows Server Agent-based and iDRAC7 or iDRAC8 SNMP Management Pack for SCOM

Issue ID	Functional area	Description	Workaround/ Resolution
NA	Uninstallation	After removing the Dell EMC management packs, the management pack folders are still displayed on the SCOM console.	Close and reopen the SCOM console.
NA	DRAC Monitoring feature	Despite updating the default port number, DRAC running firmware version 3.0 returns the wrong URL.	None
NA	Server and Rack Workstation Monitoring feature	Dell EMC PowerEdge Servers that are discovered through the Dell EMC Server and Rack Workstation Monitoring feature are shown with the default logical device icon.	None
NA	Discovery and inventory	If the component is under a Software RAID controller, inventory for Bus Type and Media Protocol in Virtual Disk are not supported.	See the iDRAC documentation on the Dell Technologies support site for updated support.
NA	Discovery and inventory	The "Manufacturer" inventory field for SATA Disks may be incorrectly reported as "ATA".	None
NA	Discovery and inventory	If Virtual MAC Address has not been configured for the NIC, NIC Inventory field for Virtual MAC Address is displayed as "00:00:00:00:00:00". This issue affects the Server and Rack Workstation Monitoring (Licensed) feature in version 6.3 and the out-of-band or the agent based monitoring feature of versions 6.0 and later.	None
NA	Enrollment of appliance	Names for Groups, object discoveries, KB articles, and Feature name column of Feature Management Dashboard are not changed to Dell EMC.	None

Environment and system requirements

For more information about the hardware and software requirements of Dell EMC Windows Server Agent-based and iDRAC7 or iDRAC8 SNMP Management Pack Version 7.3 for SCOM, see the *Support Matrix* section in the *Dell EMC Windows Server Agent-based and iDRAC7 or iDRAC8 SNMP Management Pack for Microsoft System Center Operations Manager User Guide* at Dell.com/esmmanuals.

Installation and upgrade considerations

To install or upgrade the Dell EMC Windows Server Agent-based and iDRAC7 or iDRAC8 SNMP Management Pack Version 7.3 for SCOM, see the detailed installation, pre-requisites, configuration, upgrade, and uninstallation instructions in the *Dell EMC Windows Server Agent-based and iDRAC7 or iDRAC8 SNMP Management Pack for Microsoft System Center Operations Manager User Guide* at Dell.com/esmmanuals.

Important Notes

The Dell EMC Windows Server Agent-based and iDRAC7 or iDRAC8 SNMP Management Pack consists of the following management packs, which are extracted into the installation folder.

- Feature Management
 - `Dell.FeatureManagement.Pack.mp`

Dell EMC Feature Management Pack provides a dashboard to monitor supported OMIMSSC features, import (scalable/detailed), upgrade, and remove management features.
- Dell EMC PowerEdge Server Monitoring
 - `Dell.WindowsServer.Scalable.mp`

Dell Windows Server Scalable Management Pack for discovery and monitoring of Dell EMC PowerEdge Servers through the Dell EMC Server and Rack Workstation Monitoring feature.
 - `Dell.WindowsServer.Detailed.mp`

Dell Windows Server Detailed Management Pack for detailed discovery and monitoring of Dell EMC PowerEdge Servers and its components through the Dell EMC Server and Rack Workstation Monitoring feature.
 - `Dell.WindowsServer.InformationAlertsOn.mp`

Dell EMC Overrides utility for turning ON the Informational Alerts provided in the Dell Windows Server Scalable Management Pack.
 - `Dell.OperationsLibrary.Server.mp`

Library file for PowerEdge Server monitoring.
- Remote Access Monitoring
 - `Dell.DRAC.OM07.mp`

Dell Remote Access Controller (DRAC) Management Pack for discovery, monitoring, and trap processing of DRAC devices with Operations Manager 2007 R2.
 - `Dell.DRAC.OM12.mp`

Dell Remote Access Controller (DRAC) Management Pack for discovery, monitoring, and trap processing of DRAC devices with Operations Manager 2016, Operations Manager 2012 versions.
 - `Dell.Model.DRAC.mp`

Detailed edition of the Dell EMC Chassis Management Controller Management Pack with Operations Manager 2016, Operations Manager 2012 versions. This management pack supports detailed discovery and monitoring of Dell EMC Chassis and its components.
 - `Dell.OperationsLibrary.DRAC.mp`

Library file for DRAC monitoring.
 - `Dell.View.DRAC.mp`

Library file for DRAC monitoring.
- Library
 - `Dell.Connections.HardwareLibrary.mp`

Dell Base folder utility for the basic folder structure and root node.
 - `Dell.OperationsLibrary.Common.mp`

Library file used by Dell Management Pack Suite components.

Dell EMC Server and Rack Workstation Monitoring:

- The Attribute **Enable Correlation** for **Dell Windows Server Physical and Teamed Relationship Discovery Rule** is set to **False** for all Teamed Network Interface (Enriched) in the Dell Windows Server (Detailed Edition) Management Pack. Set the attribute value to "True," to see the relationships between Physical and Teamed Network Interfaces in the **Complete Diagram View, Modular Systems Diagram View,** and **Monolithic Servers Diagram View.**

- The Performance Rules "Total Transmitted Packets," "Received Bytes," "Total Received Packets", and "Transmitted Bytes" are disabled by default for all Physical Network Interface/Teamed Network Interface(Enriched) in the Dell Windows Server (Detailed Edition) Management Pack. Enable these rules to generate performance statistics for the Physical Network Interfaces.
- The Dependency Monitor "Dell Server Availability Rollup (from iDRAC)" is disabled by default for all Dell Servers in the Dell Scalable management pack. Enable this monitor to roll up the iDRAC network interface health to the Dell Server health.
- The Performance Rule "Dell Server (Agent-based) Physical Disk (SSD) Performance," is disabled by default for all Physical Disks and is a part of the Dell Windows Server (Detailed Edition) Management Pack. Enable this rule to generate performance statistics for the Remaining Rated Endurance Level of the SSDs (Solid-State Drives).
- Physical disks connections are not displayed accurately when the disks are connected to different connectors. All connected disks are displayed under a single connector.


Where to get help

Dell Technologies maintains support pages for all products at www.dell.com/support.

The product support pages provide important information about the products. This information includes product and user documentation, knowledge base articles, drivers and other software installation packages downloads, advisories, knowledge base articles, and more.

A valid support contract and registration may be required to access all the information available on the product support sites.

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.