

Dell EMC OpenManage Integration Version 1.0.0 with Microsoft Windows Admin Center

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 summary

Dell EMC OpenManage Integration with Microsoft Windows Admin Center (OMIMSWAC) enables you to manage the PowerEdge servers as hosts, Microsoft Failover Clusters created with PowerEdge servers, and Hyper-Converged Infrastructure (HCI) created by using the Dell EMC Microsoft Storage Spaces Direct (S2D) Ready Nodes. OMIMSWAC simplifies the tasks of IT administrators by remotely managing the PowerEdge servers and clusters throughout their lifecycle. For more information about the features and benefits of OMIMSWAC, see the documentation at Dell.com/OpenManageManuals.

Topics:

- [Version](#)
- [Release date](#)
- [Priority and recommendations](#)

Version

1.0.0

Release date

August 2019

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 (firmware, BIOS, drivers and software).

Compatibility

Table 1. Compatibility matrix

Supported software and hardware	Version
Microsoft Windows Admin Center	1904 and 1904.1 GA releases. See the Microsoft Windows Admin Center documentation at https://www.microsoft.com/en-us/cloud-platform/windows-admin-center .
Operating systems	For more information about the supported OSs for installing Microsoft Windows Admin Center and different modes of installation, see the Microsoft Windows Admin Center documentation at https://www.microsoft.com/en-us/cloud-platform/windows-admin-center. NOTE: To view the update compliance details of the devices by using OpenManage Integration version 1.0.0 with Windows Admin Center, the supported OS is Microsoft Windows 2012 R2 and later.
Browsers	For more information about the supported browsers by Microsoft Windows Admin Center, see the Microsoft Windows Admin Center documentation at https://www.microsoft.com/en-us/cloud-platform/windows-admin-center .
Dell EMC System Update Utility (DSU)	1.7.0
The Systems-Management_Application_DVHNP_WN64_1.7.0_A00.EXE DSU file can be downloaded from here .	
Dell EMC Inventory Collector (IC)	19_04_200_472
The IC utility can be downloaded from here .	
PowerEdge servers running supported Microsoft Windows Server versions as target nodes	12th and 13th generation of PowerEdge servers with latest iDRAC firmware version (recommended firmware version is 2.60.60.60 or later). NOTE: For PowerEdge servers with firmware versions lesser than 2.60.60.60, information of hardware inventory and health status of few components might not be available. For more information about the components for which the information is not available, see <i>Dell EMC OpenManage Integration with Microsoft Windows Admin Center User's Guide</i>. 14th generation of PowerEdge servers with latest iDRAC firmware version (recommended firmware version is 3.30.30.30 or later).
Storage Spaces Direct Ready Nodes running supported Microsoft Windows Server versions as target nodes	R740xd, R740xd2, and R640 Storage Spaces Direct Ready Nodes

Key features

- OpenManage Integration with Microsoft Windows Admin Center (OMIMSWAC) provides a simplified solution to the IT administrators to efficiently manage the following:
 - Dell EMC PowerEdge servers
 - Azure Stack HCI created with Dell EMC Microsoft Storage Spaces Direct Ready Nodes
 - Microsoft failover clusters created with Dell EMC PowerEdge servers
- A unified view of health, hardware, and firmware inventory information of the device components.
- Provides update compliance report of PowerEdge servers and clusters against update repository created with Dell EMC Repository Manager (DRM).
- Provides notifications on availability of new update catalogs.
- View iDRAC information of PowerEdge servers. For out-of-band management, you can directly launch the iDRAC console from Windows Admin Center.
- Availability of OMIMSWAC extension and documentation localized in English, French, German, Spanish, Simplified Chinese, and Japanese languages.

Known issues

Issue 1

Description

Unable to fetch the health and hardware inventory from target iDRAC.

Workaround

Ensure the following are enabled or available on the target node.

- The Redfish service is enabled.
- An iDRAC user slot is available.
- SMB port 445 is open. For more information, see <https://go.microsoft.com/fwlink/?linkid=2101556>.
- For management of PowerEdge servers, OMIMSWAC uses an internal OS to iDRAC Pass-through interface. By default, iDRAC will be reachable using the IP address 169.254.0.1/<Subnet> or 169.254.1.1/<Subnet>. However, if the host has another network interface in the same subnet (For example, when tool like VMFleet is installed), OMIMSWAC might not be able to communicate to the iDRAC from the host OS. To resolve the conflict, log in to iDRAC and change the USB NIC IP address under the OS to iDRAC passthrough section. For more information about assigning this IP address, see the iDRAC documentation on the Dell EMC support site.
- Ensure that the target node is not booted to Lifecycle Controller.
- Target node is not in the reboot state, or is powered-off.
- The USB NIC adapter is not disabled on the target node OS.

Issue 2

Description

For 12th and 13th generation of PowerEdge servers with firmware versions lesser than 2.60.60.60, and 14th generation of PowerEdge servers with firmware versions lesser than 3.30.30.30, information of the following components are not displayed:

- Health status: memory, storage controllers, storage enclosures, and physical disks.
- Hardware inventory: memory, storage controllers, storage enclosures, physical disks, network devices, and firmware.

Workaround

- Ensure that the 12th and 13th generation of PowerEdge servers are updated with latest iDRAC version of 2.60.60.60 or later.
- Ensure that the 14th generation of PowerEdge servers are updated with latest iDRAC version of 3.30.30.30 or later.

Issue 3

Description

The overall health status of the PowerEdge servers and HCI cluster might be displayed as critical or warning even though the components of the nodes displayed on the Windows Admin Center are healthy.

Workaround

For more details on the components in critical health state, go to the respective iDRAC console.

Issue 4

Description

While installing OMIMSWAC by using local path or network path, multiple instances of OMIMSWAC extension might be listed under Available and Installed Extensions when more than one .nupkg packages are available in the specified folder path, or the .nupkg packages are available in root or subfolders in addition to the folder path provided under **Feeds > Add package source**.

Workaround

Ensure that a single .nupkg package is available in the root or subfolders under **Feeds > Add package source**.

Issue 5

Description

When you navigate out of OpenManage Integration to other tools under HCI or Failover solutions and navigate back to OpenManage Integration, the following error is displayed: "Enabling CredSSP Delegation".

Workaround

Ignore the error because the functionality of OpenManage Integration and Windows Admin Center is not blocked.

Issue 6

Description

If the lockdown mode is enabled on 14th generation of Dell EMC PowerEdge servers, inventory of health, hardware, and iDRAC fails with error: "Unable to create users on target iDRAC device."

Workaround

Disable the lockdown mode on the target node managed by Dell EMC OpenManage Integration.

Issue 7

Description

The update compliance report might not generated for the cluster nodes.

Workaround

Ensure that the cluster service is running on the cluster node by using the `Get -ClusterService` PowerShell command, and also ensure that the cluster node is not rebooting or in the powered-off state.

Issue 8

Description

The attribute values of hardware inventory information for storage enclosure components might be empty because the information is not available on the target iDRAC.

Issue 9

Description

The overall health status of the PowerEdge servers and HCI cluster might be displayed as critical or warning even though the components of the nodes displayed on the Windows Admin Center are healthy. The health status of physical disks attached to embedded SATA controller may be displayed as Unknown because iDRAC is unable to get the health information for these disks.

Instructions for installing Dell EMC OpenManage Integration with Microsoft Windows Admin Center

Installation process

OMIMSWAC can be installed in one of the following ways:

- By using the NuGet feed
- By using local path or network file share with the downloaded `Dell EMC OpenManage Integration MS WAC <Version>.<Build_Number>.zip` file from the Dell EMC Support Site. For more information about downloading the .zip file, see the *Download Dell EMC OpenManage Integration with Microsoft Windows Admin Center* section.

For more information about installing OMIMSWAC, see the *Dell EMC OpenManage Integration Version 1.0.0 with Microsoft Windows Admin Center Installation Guide* at [Dell.com/OpenManageManuals](https://dell.com/OpenManageManuals).

NOTE: If you are installing Dell EMC OpenManage Integration with Windows Admin Center extension by using the Custom Feed option, refer the Microsoft documentation to set up a custom feed or share at: <https://docs.microsoft.com/en-us/windows-server/manage/windows-admin-center/configure/using-extensions>.

Download Dell EMC OpenManage Integration with Microsoft Windows Admin Center

1. Go to [Dell.com/support](https://dell.com/support).
2. Perform one of the following actions:
 - a. Enter the Service Tag of your PowerEdge server, and then select **Search**.
 - b. Select **Browse all products > Servers > PowerEdge**, and then select the appropriate model of your PowerEdge server.
3. On the support page of your server, select **DRIVERS & DOWNLOADS**.
4. From the **Category** list, select **Systems Management**.
5. Select the supported version of OpenManage Integration with Microsoft Windows Admin Center, and then click **Download**.

The downloaded `Dell EMC OpenManage Integration MS WAC <Version>.<Build_Number>.zip` file contains the .nupkg file which is used to install OMIMSWAC integrator in Windows Admin Center by using a local path or network share.

NOTE: Do not rename the .nupkg file while installing the OMIMSWAC extension.

Contacting Dell EMC

 **NOTE:** If you do not have an active Internet connection, you can find contact information on your purchase invoice, packing slip, bill, or Dell EMC product catalog.

Dell EMC 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 EMC for sales, technical support, or customer service issues:

1. Go to **Dell.com/support**.
2. Select your support category.
3. Verify your country or region in the **Choose a Country/Region** drop-down list at the bottom of the page.
4. Select the appropriate service or support link based on your need.

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- [Node.js license](#)
- [The curl license](#)

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*Windows-admin-center-cli 1.0

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The curl license

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There are other computer-related projects using the name curl as well. For details, check out our position on the curl name issue.

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