DELLEMC

Dell EMC OpenManage Enterprise–Tech Release Release Notes

This document describes the new features, enhancements, and known issues in Dell EMC OpenManage Enterprise–Tech Release.

Topics:

Release type and definition

Dell EMC OpenManage Enterprise–Tech Release

Dell EMC OpenManage Enterprise–Tech Release provides a central point of access to monitor and manage systems on a local area network (LAN). By allowing an administrator a comprehensive view across the enterprise, OpenManage Enterprise–Tech Release can increase system uptime, reduce repetitive tasks, and prevent interruption in critical business operations. Other key features are:

- Discover and manage devices in data center environment.
- Create and manage OpenManage Enterprise–Tech Release users and their permissions.
- Group and manage devices.
- Monitor the health of your devices.
- Manage device firmware versions and perform system updates and remote tasks.
- Create and deploy device configuration templates (for servers only).
- View and manage system alerts and alert policies (for servers only).
- View hardware inventory and compliance reports.
- Monitor and report about warranty and licenses.

Version

Tech Release

Release Date

December 2017

Importance

OPTIONAL: Dell recommends the customer review specifics about the update to determine if it applies to your system. The update contains changes that impact only certain configurations, or provides new features that may/may not apply to your environment.

For the latest updates to the release notes, see **delltechcenter.com/ome**.

Platforms affected

For a complete list of affected Dell EMC systems and supported operating systems, see the *Dell EMC OpenManage Enterprise–Tech Release Support Matrix* at **delltechcenter.com/ome** or **dell.com/OpenManageManuals**.

What is supported

For a complete list of supported devices, operating systems, and web browsers, see the *Dell EMC OpenManage Enterprise–Tech Release Support Matrix* at **delltechcenter.com/ome** or **dell.com/OpenManageManuals**.

Limitations

- The hardware log data pertaining to the 12G and 13G servers monitored by OpenManage Enterprise-Tech Release are not displayed. However, 14G hardware log data are displayed. [83414]
- The Rollup health status of Power Supply Unit (PSU) and fans is not shown for the FM120 sleds monitored by OpenManage Enterprise-Tech Release. [67035]
- Users with Device Manager (DM) privileges cannot be assigned groups.
- The SNMP V1 and V2 alerts are not received by a device when V3 is enabled by leaving the passphrase blank or by setting the passphrase less than eight characters. [85852]
- To receive SNMP V3 traps, authentication passphrase must be at least eight characters. [84929]
- The health status of any non-Dell EMC server that is discovered by using the IPMI protocol is indicated as 'unknown' in OpenManage Enterprise-Tech Release, but it is indicated correctly in OpenManage Essentials. [85160]
- OpenManage Enterprise-Tech Release incorrectly allows the maximum and minimum bandwidth to be edited for a NIC port when the partition is enabled. [84029]
- Devices whose MAC address is the same is getting correlated. [86543]
- The 'Stage for new reboot' feature is not supported on a chassis. [86173]

OpenManage Enterprise–Tech Release Online Help Errata

- The online help uses OME as an acronym to refer to OpenManage Enterprise–Tech Release.
- The OpenManage Enterprise–Tech Release user roles types section lists that the users with Device Manager (DM) privileges manage groups assigned by the administrator. However, a DM cannot be assigned any groups.
- The Managing OME users section lists that the User Permission per groups built-in report can be generated. However, this report cannot be generated in this Tech Release version.
- In the job scheduling field definitions, a note is added about the cron format.

Known issues

Install or upgrade

Issue 1

Description: A possible delay in Email reception and Audit logging tasks while upgrading OpenManage Enterprise–Tech Release. These tasks run 15 minutes after the Console Update is triggered. [76948]

Issue 2

Description: In OpenManage Enterprise–Tech Release, an audit log is not created after the OpenManage Enterprise–Tech Release update process is successful or unsuccessful. [76948]

Discovery and inventory

Issue 1

Description: Discovery of PowerEdge FMXXX series servers by using Redfish protocol is not supported in OpenManage Enterprise–Tech Release because node IDs are not available by using Redfish protocol. [81293]

Resolution: To discover, monitor, and update the PowerEdge FMXXX series servers, use WS-Man protocol.

Issue 2

Description: Discovery of S50N and S5000 switches with firmware versions 8.4.26 and 9.11 respectively may fail. [74209]

Resolution: Discover the iDRAC of the devices having ESXi 6.0 and 6.5 operating system, or install OMSA.

Issue 3

Description: The compute nodes are not discovered or grouped automatically when a chassis is discovered. [84687]

Resolution: Include a new discovery range with IP addresses of the nodes. If this fails, delete and rediscover the chassis.

Issue 4

Description: In-band discovery of HyperV works only for users with local administrator privileges. [83440]

Resolution: To discover HyperV, use local admin credentials and WS-Man protocol.

Issue 5

Description: When a chassis is discovered, IOA switches are not correlated to the chassis in the device tree. [85839]

Issue 6

Description: Discovery of FS8600 storage appliance is not supported. [76808]

Issue 7

Description: NIC inventory not available when a device is discovered using Redfish. [76328]

Resolution: Discover the device using the WS-Man protocol, which is the default.

Issue 8

Description: When Compellent storage devices are discovered using SNMP, product image, MAC address, and management URL is not displayed. [83979]

Tasks

Issue 1

Description: By default, all scheduled jobs are reset at 12:00 A.M. every day. For example, if a job is started at 10:00 A.M. to run after every 10 hours, the next time the job runs is at 08:00 P.M. However, the subsequent time is not 06:00 A.M. the next day, but 12:00 A.M. This is because the scheduler clock is reset at 12:00 A.M. every day. [81534]

Issue 2

Description: Currently, hardware logs of 14G iDRAC devices can only be collected from the **Device Details** page (that is, the Hardware Log menu). [83414]

Resolution: To collect the hardware logs of 12G and 13G iDRAC devices, go to the iDRAC console, or collect by clicking **Troubleshooting** > **Extract SupportAssist Collection**.

Issue 3

Description: Onboarding task will result in an error state for Windows server after correlation with Redfish protocol and has an impact on power task execution. [84581]

Resolution: Discover devices using Redfish or WS-Man protocol, and do not discover using Redfish and Windows protocol together.

Firmware updates

Issue 1

Description: The Chassis firmware can be updated by using either the `.cmc`, `.exe`, or `.bin` individual packages. [79242]

Resolution: The firmware update for M1000e, VRTX, and FX chassis is supported by clicking **Configuration** > **Firmware**. Not by clicking **Firmware** on the **Device Details** page or from the Firmware menu of a single device.

Resolution: Wait until the cloned task is displayed in both the **Remote Tasks** tree and the **Remote Tasks** grid, and then verify the task targets.

Issue 2

Description: Catalog is not created on the Windows NFS share. [84823]

Resolution: If you are using a Windows NFS share, refer to the Microsoft KB article about permissions mapping at https://technet.microsoft.com/en-us/library/cc770843(v=ws.11).aspx#BKMK_15.

Issue 3

Description: In the firmware update compliance report, the **Software Component** column displays iDRAC7 irrespective of whether it is a 12G, 13G, or 14G server. [86164]

Issue 4

Description: Unable to boot to the ISO features on the 13G iDRAC devices where the firmware version is 2.50.50.50. [83335]

Resolution: Try manually booting to the ISO features.

Issue 5

Description: The firmware update interface displays both chassis controllers and incorrectly allows you to clear one of the controllers. [84571]

Resolution: You should leave both the controllers checked because both are updated at the same time.

Configuration Compliance

Issue 1

Description: In the **Device Selection** pane, more than the expected number of devices are displayed before the filter options are loaded. When the filter options are available, devices can be selected which are matching with the template device type. The selected devices can then be viewed under the **All Selected Devices** tab listed under the **Type** column.

ⓘ **NOTE: In OpenManage Enterprise–Tech Release, the sample templates cannot be deployed and they must be cloned before they can be deployed on the target devices. [82693]**

Issue 2

Description: The sample templates which are cloned are not available for selection to verify the configuration compliance. [83589]

Resolution: Export the sample template and then import it as a deploy template. You can now create a compliance template from the imported deploy template.

Others

Issue 1

Description: After changing the groups which a Device Manager (DM) can manage, device manager can access only the groups to which DM was assigned previously.

Issue 2

Description: While working in Firefox and Internet Explorer 11, the up and down arrow buttons are not displayed in the spin box of the **Port Number** text box. [47439]

Resolution: Use any other supported browser such as Chrome. See the **Supported Browsers** section in the *OpenManage Enterprise-Tech Release Support Matrix* available on the support site.

Issue 3

Description: While working in Internet Explorer 11, the up and down arrow buttons are not displayed for the drop-down menus in the **Query Criteria Selection** dialog box. [61343]

Resolution: Use any other supported browser such as Chrome. See the **Supported Browsers** section in the *OpenManage Enterprise-Tech Release Support Matrix* available on the support site.

Issue 4

Description: The following RACADM commands are not run on the M1000e, VRTX, and FX chassis:

- `chassislog view -n all`
- `chassislog view -n`

- `getraclog` [75585]

Issue 5

Description: Filters are deleted when editing custom user reports. [84182]

Resolution: To save the filter with the edits, click the **Edit Filter** link and click **Finish** in the wizard while editing the reports.

Issue 6

Description: In data centers with large scale configurations, creating or deleting a query group causes the application to become unresponsive. [79812]

Resolution: For group operations on large scale configuration, allow five or more minutes for the operation to complete. During this period, avoid refreshing the application because this will generate more commands which slows down the operations further.

Issue 7

Description: While editing an alert policy, device or group selection is not saved with the policy. [56392]

Resolution: Use forward and backward navigation buttons on the wizard to save the device or group selection with the policy.

Issue 8

Description: After deleting one or more devices from OpenManage Enterprise–Tech Release, alert policies with these devices cannot be saved and an error is displayed. [84895]

Resolution: Delete the existing alert policy and create a new policy with required devices.

Issue 9

Description: Some of the text on the Graphical User Interface (GUI) in French version of OpenManage Enterprise-Tech Release is not displayed in French, but has English content (legend). [86311]

Resolution: In Chrome, click the **Translate this page** button to allow translation from English to French.

Issue 10

Description: In the Text User Interface (TUI), an incorrect error message is displayed when DHCP is enabled and DNS IP is enabled as neither static nor DHCP. [81558]

Issue 11

Description: Forwarding with normalized setting of SNMP alerts is indicated as 'unknown' severity. [28389]

Resolution: For forwarding SNMP alerts or traps, use default setting.

Issue 12

Description: The 'Retrieve hardware logs' feature is available only for 14G servers. [83414]

Resolution: Extract a TSR log from the **Troubleshooting option** drop-down menu under **Device Details** page.

Issue 13

Description: Device state under Chassis PCI is always indicated as 'offline'. [83739]

Issue 14

Description: Details are not completely loaded on the **Device Details** page about systems with slow internet connection. [84692]

Resolution: Refresh the page by pressing F5 or by clicking the **Refresh** icon.

Issue 15

Description: A query group with switch and device power state together is not working as expected. [86481]

Resolution: Exclude switch power state while creating a query group.

Issue 16

Description: The management IP is incorrectly indicated if the server is discovered by using both the IPv4 and IPv6 addresses. [86196]

Resolution: Manually start the iDRAC Graphical User Interface (GUI).

Issue 17

Description: The target IP address is incorrectly listed in the task history of an alert policy created by running a remote script. [86424]

Resolution: N/A

Issue 18

Description: The 'Create template task' status changes from 'failed' to 'completed' when a device is deleted. [85795]

Resolution: Recreate the template if the device is deleted.

Issue 19

Description: Not all scheduled jobs are displayed in the Recent Tasks list. [86488]

Resolution: Go to the Jobs page to view the latest and complete list of jobs.

Issue 20

Description: Discovery operation fails by using IPMI commands on the CISCO server if a KG key is used. [78545]

Resolution: KG key is not supported for this device discovery.

Issue 21

Description: When a device is turned off, the console takes a few moments to display the updated health status. [86146]

Resolution: Refresh the browser or wait for a few moments.

Issue 22

Description: An individual Chassis Management Controller (CMC) health may not be correctly displayed in the device drill-down operation. [85977]

Resolution: Always consider the CMC rollup health status.

Issue 23

Description: Certain SNMP alerts are undefined for the S4810 networking switch. [85016]

Resolution: N/A

Issue 24

Description: An unknown Error message occasionally displayed in the SNMP alert console. [84894]

Resolution: Ignore or click **Dismiss**.

Issue 25

Description: In the SNMP alert console, some alerts from OMSA correctly show the Message ID field, while others show N/A. [83579]

Resolution: N/A

Issue 26

Description: Discovery of an HP server by using IPMI command may not reflect the correct rollup health status. [85153]

Resolution: View the lower level sensor health data.

Installation

Dell EMC OpenManage Enterprise–Tech Release is provided as an appliance that you can deploy on a hypervisor and manage resources to minimize downtime. The virtual appliance can be configured from the application web console after initial network provisioning in the Text User Interface (TUI). For steps to view and update the console version, see the *Dell EMC OpenManage Enterprise–Tech Release User's Guide* on the support site.

ⓘ **NOTE: For information about supported browsers, see the** *OpenManage Enterprise–Tech Release Support Matrix* **available on the support site.**

Installation prerequisites and minimum requirements

For a list of supported platforms, operating systems, and browsers, see the *Dell EMC OpenManage Enterprise–Tech Release Support Matrix* on the support site and Dell TechCenter.

To install OpenManage Enterprise–Tech Release, you must have the local system administrator rights and the system you are using must meet the criteria. See the *Dell EMC OpenManage Enterprise–Tech Release User's Guide* on the support site and Dell TechCenter.

Recommended minimum hardware configuration for OpenManage Enterprise–Tech Release:

Small (up to 1000 managed systems):

- Processor: 4 cores
- RAM: 8 GB
- Hard drive: 20 GB

Large (up to 5500 managed systems):

- Processor: 8 cores
- RAM: 16 GB
- Hard drive: 200 GB

Minimum system requirements for deploying OpenManage Enterprise–Tech Release

- Hypervisors—VMware vSphere and HyperV
- Network—Available virtual NIC which has access to the management networks of all the devices to be managed from OpenManage Enterprise–Tech Release.
- Web browsers—Internet Explorer (64-bit) 11 and later, Mozilla Firefox 52 and later, and Google Chrome 58 and later.
- User interface—HTML 5, JS-based.

(i) **NOTE:** For the latest update about the minimum requirements for OpenManage Enterprise–Tech Release, see the *Dell EMC OpenManage Enteprise Support Matrix* on the support site.

Contacting Dell

(i) **NOTE:** 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.

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

1 Visit **www.dell.com/support**.
2 Select your support category.
3 Verify your country or region in the **Choose a Country/Region** drop-down menu at the top of page.
4 Select the appropriate service or support link based on your need.

For information about documentation support:

1 Go to **dell.com/support/manuals**.
2 In the **Tell us about your Dell system** section, under **No**, select **Choose from a list of all Dell products** and click **Continue**.
3 In the **Select your product type** section, click **Software, Monitors, Electronics & Peripherals**.
4 In the **Choose your Dell Software, Monitors, Electronics & Peripherals** section, click **Software**.
5 In the **Choose your Dell Software** section, click the required link from the following:
   - Client System Management
   - Enterprise System Management
   - Remote Enterprise
   - System Management–Serviceability Tools
6 To view the document, click the required product version.

(i) **NOTE:** You can also directly access the documents using the following links:
   - For Client System Management documents — **dell.com/OMConnectionsClient**.
   - For Enterprise System Management documents — **dell.com/OpenManageManuals**.
   - For Remote Enterprise System Management documents — **dell.com/esmmanuals**.
   - For Serviceability Tools documents — **dell.com/serviceabilitytools**.