

Dell EMC OpenManage Ansible Modules Version 4.0.0 Release Notes

This document describes the new features, resolved issues, and known issues in the OpenManage Ansible Modules.

Current Release Version: 4.0.0

Previous Release Version: 3.0.0

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

Document revision	Date	Description
A00	August 2021	Initial release.

Product description

Dell EMC OpenManage Ansible Modules allows data center and IT administrators to use RedHat Ansible to automate and orchestrate the configuration, deployment, and update of Dell EMC PowerEdge Servers and modular infrastructure by leveraging the management automation capabilities in-built into the Integrated Dell Remote Access Controller (iDRAC), OpenManage Enterprise and OpenManage Enterprise Modular.

OpenManage Ansible Modules simplifies and automates provisioning, deployment, and updates of PowerEdge servers and modular infrastructure. It allows system administrators and software developers to introduce the physical infrastructure provisioning into their software provisioning stack, integrate with existing DevOps pipelines and manage their infrastructure using version-controlled playbooks, server configuration profiles, and templates in line with the Infrastructure-as-Code (IaC) principles.

New features

Functional area	Module	Description
Modules for OpenManage Enterprise and OpenManage Enterprise Modular	ome_profile	This module allows you to create, modify, delete, assign, unassign, and migrate a profile on OpenManage Enterprise.
Modules for OpenManage Enterprise and OpenManage Enterprise Modular	ome_diagnostics	This module allows you to export application logs and SupportAssist device collection logs from OpenManage Enterprise Modular and export of SupportAssist device collection logs from OpenManage Enterprise.
Modules for OpenManage Enterprise and OpenManage Enterprise Modular	ome_active_directory	This module allows you to add, modify, and delete OpenManage Enterprise connection with Active Directory service.
Modules for OpenManage Enterprise and OpenManage Enterprise Modular	ome_domain_user_groups	This module allows you to create, modify, or delete an Active Directory user group on OpenManage Enterprise and OpenManage Enterprise Modular.
Modules for OpenManage Enterprise	ome_configuration_compliance_baseline	This module allows you to create, modify, delete, and remediate a compliance configuration baseline.
Modules for OpenManage Enterprise	ome_configuration_compliance_info	This module allows you to generate a compliance report of devices in configuration compliance baseline report on OpenManage Enterprise.
Modules for OpenManage Enterprise	ome_discovery	This module allows you to create, modify, or delete a discovery job.
Modules for OpenManage Enterprise	ome_device_group	This module allows you to add devices to a static device group on OpenManage Enterprise.
Modules for OpenManage Enterprise	ome_groups	This module allows you to create, modify, and delete static device groups on OpenManage Enterprise.
Modules for OpenManage Enterprise Modular	ome_chassis_slots	This module allows you to rename sled slots on OpenManage Enterprise Modular.

Changed features

Functional area	Module	Description
Modules for iDRAC	idrac_server_config_profile	This module is updated to support exporting and importing Server Configuration Profile through HTTP or HTTPS share.
Modules for OpenManage Enterprise and OpenManage Enterprise Modular	ome_firmware_baseline	This module is updated to support check mode and allows the modification and deletion of firmware baselines.
Modules for OpenManage Enterprise and OpenManage Enterprise Modular	ome_firmware_catalog	<ul style="list-style-type: none"> This module is updated to support check mode and allows the modification and deletion of firmware catalogs.

Functional area	Module	Description
Modules for OpenManage Enterprise and OpenManage Enterprise Modular	ome_template_network_vlan	<ul style="list-style-type: none"> This module is updated to support repositories that are available on the Dell support site. <p>This module is updated with an input option, which allows you to apply the modified VLAN settings immediately on the associated servers in the modular system.</p>
Modules for OpenManage Enterprise	ome_device_group	This module is updated to support adding devices to a group using the IP addresses of the devices and group ID.

Resolved issues

Functional area	Description
Modules for iDRAC	The dellemc_idrac_storage_volume module fails if the Block Size, Free Size, or Size state of the physical disk is "Not Available".
Modules for iDRAC	Proper error message is not shown if invalid share details are provided in iDRAC modules.
Modules for iDRAC	The idrac_firmware module reports error when no updates required from network share (CIFS or NFS) based catalog for iDRAC9 based servers.
Modules for OpenManage Enterprise and OpenManage Enterprise Modular	The ome_firmware_baseline module fails to retrieve device by using the device ID if the device ID is not in the first 50 device IDs.
Modules for OpenManage Enterprise Modular	Unable to propagate VLAN settings on OME-M by using ome_template_identity_pool and ome_template_network_vlan modules.
Modules for OpenManage Enterprise Modular	Unable to perform Fabric management on some systems by using ome_smart_fabric module.
Modules for OpenManage Enterprise Modular	The ome_smart_fabric module is not idempotent during the smart fabric configuration on some systems.

Known Issues

Functional area	Description	Workaround/Resolution (Optional)
Modules for iDRAC	Firmware update may fail if multiple DUPs are uploaded. Local DUPs are stored in a temporary folder that is created by a scratch-pad. The capacity of this folder is only 300 MB.	Ensure that the combined size of all the DUPs is less than 300 MB.
Modules for iDRAC	If the controller does not support updating the EncryptionTypes parameter, a default value is automatically set during the storage volume create operation and the storage volume modify operation fails.	None
Modules for iDRAC	Redfish Storage Volume operations sometime return an operation progress percentage different than the actual job status.	It is recommended to wait for a few seconds to allow the job to reflect the actual status.

Functional area	Description	Workaround/Resolution (Optional)
Modules for iDRAC	The <code>idrac_user</code> module may error out with the message "Unable to perform the import or export operation because there are pending attribute changes or a configuration job is in progress."	Run the task after completion of all pending iDRAC jobs.
Modules for OpenManage Enterprise Modular	The <code>ome_smart_fabric_uplink</code> module does not allow the creation of multiple uplinks of the same name even though this is supported by OpenManage Enterprise Modular. If an uplink is created of the same name as an existing uplink, the existing uplink is modified.	It is recommended to use a unique name for each uplink.

Limitations

Functional area	Limitation
Modules for iDRAC	<p>The <code>ipmiserialprivilege_users</code> parameter of the <code>idrac_user</code> module is not supported on modular servers.</p> <p>The <code>secure_boot_mode</code> parameter of the <code>idrac_bios</code> module is only supported on iDRAC 9 based Dell EMC PowerEdge servers.</p>

Environment and system requirements

For information on the hardware and software requirements, see *Dell EMC OpenManage Ansible Modules Version 4.0.0 Installation Guide* at <https://www.dell.com/openmanagemanuals>.

Installation and upgrade consideration

For the installation prerequisites and installation instructions, see *Dell EMC OpenManage Ansible Modules Version 4.0.0 Installation Guide* available at <https://www.dell.com/openmanagemanuals>.

Related documentation

- For the OpenManage Ansible collection documentation, see [OpenManage Ansible documentation](#). This documentation page is updated for every major and minor (patch release) and has the latest collection documentation.
 - OpenManage Ansible collection is an Ansible certified collection and also available as part of the Ansible Community Releases version v3.0.0 and later. Consequently, the documentation can also be accessed at [Ansible Collection Documentation](#).
- NOTE:** There might be a scenario where the documentation available at [Ansible Collection Documentation](#) is not the latest version. This is due to differences in the release timelines for Ansible community release and OpenManage Ansible collection.
- To view the documentation for a module, use the command `ansible-doc`. For example, `$ ansible-doc dell EMC.openmanage.<module-name>`


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.