

# Dell EMC OpenManage Ansible Modules Version 3.0.0 Release Notes

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## Dell EMC OpenManage Ansible Modules

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.

### Version

3.0.0

### Release Date

January 2021

### Previous Version

2.1.0

# Importance

(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).

# Platform(s) Affected

For the list of supported platforms, see the section **Support Matrix** in the **Dell EMC OpenManage Ansible Modules version 3.0.0 Installation Guide**.

# What is Supported

For information on the hardware and software requirements, see **Dell EMC OpenManage Ansible Modules version 3.0 Installation Guide**.

# What's new?

- Support for OpenManage Enterprise-Modular.
- Support for creating docker image of OpenManage Ansible modules.
- 'examples' and 'samples' directories are renamed to 'playbooks' and 'output' respectively.
- A security configuration guide is available for OpenManage Ansible Modules version 3.0.0.
- The **ome\_network\_vlan** module allows to create, modify, or delete a VLAN.
- The **ome\_network\_vlan\_info** module retrieves the information about the network VLANs present in OpenManage Enterprise.
- The **ome\_network\_port\_breakout** allows to automate the breaking out of IOMs in fabric mode into logical sub ports.
- The **ome\_smart\_fabric** module allows to create, modify, or delete a fabric on OpenManage Enterprise Modular.
- The **ome\_smart\_fabric\_uplink** module allows to create, modify, or delete an uplink for a fabric on OpenManage Enterprise Modular.
- The **idrac\_server\_config\_profile** module supports a user provided file name for an export operation.
- The **idrac\_firmware** module is enhanced to include check mode support and job tracking.
- The **idrac\_server\_config\_profile** module supports IPv6 address format.
- The **dellemc\_idrac\_reset** module is deprecated and replaced with the **idrac\_reset** module.
- The **dellemc\_setup\_idrac\_syslog** module is deprecated and replaced with the **idrac\_syslog** module.
- The **dellemc\_get\_lcstatus** module is deprecated and replaced with the **idrac\_lifecycle\_controller\_status\_info** module.
- The **dellemc\_get\_lc\_job\_status** module is deprecated and replaced with the **idrac\_lifecycle\_controller\_job\_status\_info** module.
- The **dellemc\_export\_lc\_logs** module is deprecated and replaced with the **idrac\_lifecycle\_controller\_logs** module.
- The **dellemc\_configure\_idrac\_timezone** module is deprecated and replaced with the **idrac\_timezone\_ntp** module.
- The **dellemc\_configure\_bios** module is deprecated and replaced with the **idrac\_bios** module.
- The **dellemc\_configure\_idrac\_network** module is deprecated and replaced with the **idrac\_network** module.
- The **dellemc\_delete\_lc\_job** and **dellemc\_delete\_lc\_job\_queue** modules are deprecated and replaced with the **idrac\_lifecycle\_controller\_jobs** module.
- The **dellemc\_change\_power\_state** module is deprecated and replaced with the **redfish\_powerstate** module.
- The **dellemc\_configure\_idrac\_users** module is deprecated and replaced with the **idrac\_user** module.

## Fixes

### Issue 1(134624)

**Description:** If an invalid `job_id` is provided, the `idrac_lifecycle_controller_job_status_info` module returns an error message with the description of the issue.

### Issue 2(188267)

**Description:** No error message is displayed when the target iDRAC with firmware version less than 3.30.30.30 is updated.

## Known Issues

### Issue 1(154815)

**Description:** Firmware update may fail if multiple DUPs are uploaded. Local DUPs are stored in a temporary folder created by a scratch-pad. The capacity of this folder is only 300 MB.

**Resolution:** Ensure that the combined size of all of the DUPs is less than 300 MB.

### Issue 2(155034)

**Description:** If the controller does not support updating the encryption types parameter, a default encryption type is set automatically during the storage volume create operation, and the storage volume modify operation fails.

### Issue 3(155043)

**Description:** Redfish storage volume operations may return an operation progress percentage different than the actual job status.

**Resolution:** It is recommended to wait for a few seconds to allow the job to reflect the actual status.

### Issue 4(186024)

**Description:** The `ome_smart_fabric_uplink` 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.

**Resolution:** It is recommended to use a unique name for each uplink.

## Limitations

- The graceful shutdown option of the `dellemc_change_power_state` module is only supported on systems with iDRAC firmware versions 3.18.18.18 and later..
- The `ipmiserialprivilege_users` parameter of the `dellemc_configure_idrac_users` module is not supported on modular servers..
- The `secure_boot_mode` parameter of the `dellemc_configure_bios` module is only supported on iDRAC 9 based Dell EMC PowerEdge servers.

# Installation Prerequisites

For installation prerequisites, see **Dell EMC OpenManage Ansible Modules Version 3.0.0** [Installation Guide](#).

# Software Requirements

For information on the hardware and software requirements, see **Dell EMC OpenManage Ansible Modules Version 3.0.0** [Installation Guide](#).

# Installation Procedure

For the installation instructions, see **Dell EMC OpenManage Ansible Modules Version 3.0.0** [Installation Guide](#).


# Accessing support content from the Dell EMC support site

Access supporting content related to an array of systems management tools using direct links, going to the Dell EMC support site, or using a search engine.

- Direct links:
  - For Dell EMC Enterprise Systems Management and Dell EMC Remote Enterprise Systems Management—<https://www.dell.com/esmmanuals>
  - For Dell EMC Virtualization Solutions—<https://www.dell.com/SoftwareManuals>
  - For Dell EMC OpenManage—<https://www.dell.com/openmanagemanuals>
  - For iDRAC—<https://www.dell.com/idracmanuals>
  - For Dell EMC OpenManage Connections Enterprise Systems Management—<https://www.dell.com/OMConnectionsEnterpriseSystemsManagement>
  - For Dell EMC Serviceability Tools—<https://www.dell.com/serviceabilitytools>
- Dell EMC support site:
  1. Go to <https://www.dell.com/support>.
  2. Click **Browse all products**.
  3. From the **All products** page, click **Software**, and then click the required link.
  4. Click the required product and then click the required version.

Using search engines, type the name and version of the document in the search box.


# Contacting Dell

 **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. 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.

## 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.