Dell EMC OpenManage Ansible Modules Version 2.0

Release Notes

DELLEMC

Topics:

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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 (12th generation of PowerEdge servers and later) and modular infrastructure by leveraging the management automation capabilities in-built into the Integrated Dell Remote Access Controller (iDRAC) and OpenManage Enterprise (OME) respectively.

With the latest release of Dell EMC OpenManage Ansible Modules, the capabilities have improved with support for OpenManage Enterprise. 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

2.0

Release Date

May 2019

Previous Version

1.1

Importance

OPTIONAL: Dell EMC 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 or may not apply to your environment.

Platform(s) Affected

For the list of supported platforms, see the section **Support Matrix** in the **Dell EMC OpenManage Ansible Modules version 2.0 Installation Guide**.

What is Supported

For information on the hardware and software requirements, see **Dell EMC OpenManage Ansible Modules version 2.0 Installation Guide**.

What's new?

- Improved capabilities with support for OpenManage Enterprise (OME).
- Create, modify or delete a user account using a new OME module **(ome_user)**.
- A new OME module **(ome_power_state)** to perform the power management operations.
- Create, modify or deploy a template using a new OME module **(dellemc_ome_template)**.
- Get the list and details of user accounts using a new OME module **(dellemc_ome_user_facts)**.
- Get the list and details of templates using a new OME module **(dellemc_ome_template_facts)**.
- A new OME module **(dellemc_ome_job_facts)** to view or track job details of PowerEdge devices .
- A new OME module **(dellemc_ome_firmware)** to update the firmware of PowerEdge devices and all its components.
- A new and rich OME module **(dellemc_ome_device_facts)** to retrieve the list of all devices with the exhaustive inventory of each device.
- The modules **dellemc_export_server_config_profile** and **dellemc_import_server_config_profile** are deprecated and all the functionality are added to the new **dellemc_idrac_server_config_profile** module.
- The **dellemc_install_firmware** module is deprecated and all the functionality are added to the new **dellemc_idrac_firmware** module.

For a complete list of supported features that you can leverage, see **Dell EMC OpenManage Ansible Modules Version 2.0 User's Guide**.

Fixes

Issue 1(86459)

Description: iDRAC Time zone configuration task exits with a message "Job wait did not return for 7200 seconds" on 14G server if the iDRAC firmware version is 3.00.00.00 or 3.11.11.11. The new Time zone values are actually applied on the server.

Issue 2(83769)

Description: Export LC log, TSR log using Linux NFS share fails with an error "Cannot access Network Share" for 12G, 13G and 14G servers if the iDRAC firmware version is lesser than 3.15.15.15.

Issue 3(91679)

Description: Firmware update fails if the DUP repository is on Linux NFS share for 14G server with iDRAC firmware version 3.00.00.00.

Known Issues

Issue 1(86360)

Description: Creating iDRAC users using `dellemc_configure_idrac_users` module does not update the provided user properties for the created user on 14G servers.

Resolution: In case the user is not created with all the required user settings, change the user setting with action option modify in the `dellemc_configure_idrac_users` module.

Issue 2(93817)

Description: `dellemc_delete_lc_job_queue` may fail to clear all the jobs from iDRAC in case there are multiple jobs with same name and with different status present on iDRAC for server with iDRAC firmware version 2.50.50.50 and below.

Issue 3(126402)

Description: Creating template using **dellemc_ome_template** module may fail on OMEnt 3.1 in case no template is created on this OMEnt within the 24 hours (approximately) after the initial OMEnt installation and setup.

Resolution: A script is provided to fix the issue in OMEnt 3.1 through PSQN which will create a folder in CIFS share. See https://kb.dell.com/infocenter/index?page=content&id=SLN316882 for more details.

Limitations

- **GracefulShutdown** choice of `change_power` option for **dellemc_change_power_state** module is supported only on iDRAC firmware versions 3.00.00.00 and above.
- `ipmiserialprivilege_users` option of **dellemc_configure_idrac_users** module is not supported for Modular servers.
- `secure_boot_mode` option of **dellemc_configure_bios** module is supported only on 14th generation of Dell EMC PowerEdge servers.

Installation Prerequisites

For installation Prerequisites, see **Dell EMC OpenManage Ansible Modules Version 2.0 Installation Guide**.

Software Requirements

For information on the hardware and software requirements, see **Dell EMC OpenManage Ansible Modules Version 2.0 Installation Guide**.

Installation Procedure

For the installation instructions, see **Dell EMC OpenManage Ansible Modules Version 2.0 Installation Guide**.

Accessing documents from the Dell EMC support site

You can access the required documents using the following links:
- For Dell EMC Enterprise Systems Management documents — www.dell.com/esmmanuals
- For Dell EMC OpenManage documents — www.dell.com/openmanagemanuals
- For Dell EMC Remote Enterprise Systems Management documents — www.dell.com/esmmanuals
- For iDRAC and Dell Lifecycle Controller documents — www.dell.com/idracmanuals
- For Dell EMC OpenManage Connections Enterprise Systems Management documents — www.dell.com/esmmanuals
- For Dell EMC Serviceability Tools documents — www.dell.com/serviceabilitytools
- 1. Go to www.dell.com/support.

    2. Click **Browse all products**.

    3. From **All products** page, click **Software**, and then click the required link from the following:
        - **Analytics**
        - **Client Systems Management**
        - **Enterprise Applications**
        - **Enterprise Systems Management**
        - **Public Sector Solutions**
        - **Utilities**
        - **Mainframe**
        - **Serviceability Tools**
        - **Virtualization Solutions**
        - **Operating Systems**

○ **Support**

4. To view a document, 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.