Dell EMC OpenManage Ansible Modules

Version 1.0 Installation Guide

DELLEMC

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.

Contents

Overview

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) by leveraging the management automation capabilities in-built into the integrated Dell Remote Access Controller (iDRAC).

This installation guide provides information about installation and uninstallation of Dell EMC OpenManage Ansible Modules.

In addition to dell.com/support, Ansible modules can also be downloaded from https://github.com/dell/Dell-EMC-Ansible-Modules-for-iDRAC. Modules downloaded from this Github location are supported by Dell EMC.

Topics:

- Prerequisites
- OpenManage Ansible Modules Support Matrix

Prerequisites

Following are the requirements to install Dell EMC OpenManage Ansible Modules:

- Ensure that you install Ansible version 2.2 or later.
- Install OpenManage Python Software Development Kit version 1.0 or later.
- Ensure that you install Python version 2.7 or later.

ⓘ **NOTE:** Ensure that either **internet connectivity** exists or the local **Python Package Index (PyPI)** repository exists.

ⓘ **NOTE:** In the 14th Generation of PowerEdge Servers, WSMan runs as non-root user and you need to set 644 as a permission on the share to access the files.

OpenManage Ansible Modules Support Matrix

Software

Python Version	2.7 and above

Supported Operating System	• Red Hat Enterprise Linux (RHEL) 7.3 • SLES 12 SP3

Hardware

Dell EMC Device	Supported Firmware Versions
12th generation of PowerEdge servers	2.50.50.50 and 2.41.40.40
13th generation of PowerEdge servers	2.50.50.50 and 2.41.40.40
14th generation of PowerEdge servers	3.17.17.17, 3.15.15.15, 3.11.11.11 and 3.00.00.00

Installing Dell EMC OpenManage Ansible Modules version 1.0

About this task

To install Dell EMC OpenManage Ansible Modules version 1.0:

Steps

1. Go to Dell.com/Support/Home.
2. In the **Choose from all products** section, click **Software & Security**.
3. In the **Software & Security** group box, click **Enterprise Systems Management**.
4. To download the product, click the required product version.
   The **Product Support** page is displayed.
5. Download the **DellEMC_OpenManage_Ansible_Modules_version_1.0** file from the support site.
6. Copy the file to any local directory of **Ansible Controller Machine**.
7. Run `tar -zxvf DellEMC_OpenManage_Ansible_Modules_version_1.0.106_A00.tar.gz`.
8. Navigate to the **DellEMC_OpenManage_Ansible_Modules_version_1.0.106** directory.
   library, **utils**, **Copying.txt**, **Dell_EMC_OpenManage_Ansible_Modules_v1.0-Readme.txt**, **dellemc_log.conf**, **install.py**, **properties.json**, and **uninstall.py** files are extracted.
9. Run `python install.py`. If you are using python version 3.x, then run `python3 install.py`.

Results

Dell EMC OpenManage Ansible Modules version 1.0 is installed successfully.

3

Uninstalling Dell EMC OpenManage Ansible Modules version 1.0

About this task

To uninstall Dell EMC OpenManage Ansible Modules version 1.0:

Steps

1. Navigate to the directory DellEMC_OpenManage_Ansible_Modules_version_1.0.106.
2. Run `python uninstall.py`. If you are using python version 3.x, then run `python3 uninstall.py`.

Results

Dell EMC OpenManage Ansible Modules version 1.0 is uninstalled successfully.