Ansible Modules for Dell EMC PowerStore

Version 1.0

Release Notes

REV 01
May 2020

- Revision history 2
- Product description 2
- New features 2
- Known problems and limitations 4
- Software media, organization, and files 4
- Additional resources 4

DELL EMC

Revision history

The table in this section lists the revision history of this document.

The revision history table lists the updates made to release notes document for Ansible Modules for Dell EMC PowerStore Version 1.0 release:

Table 1 Revision History

Revision	Date	Description
01	May 2020	First release of the product.

Product description

Learn about Ansible Modules for Dell EMC PowerStore. and the supported features.

The Ansible Modules for Dell EMC PowerStore are used to automate and orchestrate the configuration, and deployment of the Dell EMC PowerStore arrays. The capabilities of Ansible modules are managing volumes, volume groups, hosts, host groups, snapshots, snapshot rule, protection policy, gather high level facts about the arrays. The options available for each capability are list, show, create, delete, and modify.

New features

List of features that are supported in this release.

Ansible Modules for Dell EMC PowerStore Version 1.0 release adds the following features:

- Gather Facts Module
  - List of nodes
  - List of volumes
  - List of volume groups
  - List of hosts
  - List of host groups
  - List of snapshot rules
  - List of protection policies
- Snapshot Rule Module
  - Create snapshot rule with interval
  - Create snapshot rule with time and days of week
  - Get details of specific snapshot rule
  - Modify snapshot rule
  - Delete snapshot rule
- Protection Policy Module
  - Create protection policy with existing snapshot rules
  - Get details of specific protection policy

    - Modify protection policy
    - Delete protection policy
- Volume Group Module
    - Create new volume group
    - Adding volumes to volume group
    - Removing volumes from volume group
    - Renaming volume group
    - Modifying volume group
    - Deleting volume group
- Host Module
    - Create host
    - Get host details, given either host name or host ID
    - Add or remove initiators
    - Rename host
    - Delete host
- Host Group Module
    - Create hostgroup
    - Get hostgroup details, given either hostgroup name or hostgroup ID
    - Add or remove hosts
    - Rename hostgroup
    - Delete hostgroup
- Volume Module
    - Create volume
        - Standalone
        - In a volume group
        - Assign a performance policy
        - Assign a protection policy
        - Map to a host or hostgroup
    - Modify Volume
        - Expand size
        - Assign/Modify/Remove protection policy
        - Modify performance policy
        - Rename volume
        - Map/ unmap host or hostgroup
    - Get volume details
    - Delete volume
- Snapshot Module
    - Create a new Volume Group Snapshot

- Get details of Volume Group Snapshot
- Modify Volume Group Snapshot
- Delete an existing Volume Group Snapshot
- Create a new Volume Snapshot
- Get details of Volume Snapshot
- Modify Volume Snapshot
- Delete an existing Volume Snapshot.

Known problems and limitations

List of known problems and limitations for Ansible Modules for Dell EMC PowerStore Version 1.0 release.

Known problems

Table 2

Problem	Resolution/Workaround

Limitations

Software media, organization, and files

This section provides information about where to find the software files for this release of the product.

The software package is available for download from the Ansible Modules for PowerStore GitHub page.

Additional resources

Learn how to find more information about the product and get support.

Documentation

This section lists the related documentation for Ansible Modules for Dell EMC PowerStore.

The Ansible Modules for Dell EMC PowerStore is available on Ansible Modules for PowerStore GitHub page. The documentation includes the following:

- Ansible Modules for Dell EMC PowerStore Release Notes (this document)
- Ansible Modules for Dell EMC PowerStore Product Guide

Troubleshoot and get help

Use the resources in this topic to get help and support.

Technical support

Ansible modules for PowerStore are supported by Dell EMC, and are provided under the terms of the license that is attached to the source code. Dell EMC does not provide support for any source code modifications.

For Ansible configuration, setup issues, or questions, use the Dell EMC Automation community.
For any issues with Dell EMC Storage, contact Dell EMC Online Support.

Copyright © 2020 Dell Inc. or its subsidiaries. All rights reserved.

Dell believes the information in this publication is accurate as of its publication date. The information is subject to change without notice.

THE INFORMATION IN THIS PUBLICATION IS PROVIDED “AS-IS.” DELL MAKES NO REPRESENTATIONS OR WARRANTIES OF ANY KIND WITH RESPECT TO THE INFORMATION IN THIS PUBLICATION, AND SPECIFICALLY DISCLAIMS IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. USE, COPYING, AND DISTRIBUTION OF ANY DELL SOFTWARE DESCRIBED IN THIS PUBLICATION REQUIRES AN APPLICABLE SOFTWARE LICENSE.

Dell Technologies, Dell, EMC, Dell EMC and other trademarks are trademarks of Dell Inc. or its subsidiaries. Other trademarks may be the property of their respective owners. Published in the USA.