

Ansible Modules for Dell EMC PowerStore

1.1

Release Notes

Rev. 1.0
September 2020

These release notes contain supplemental information about Ansible Modules for Dell EMC PowerStore and include the following topics:

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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, file system, NFS export, SMB share, quota, NAS server, 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 1.1 release adds the following features:

- Gather Facts Module
 - Get the nas_servers list
 - Get the smb_shares list
 - Get the nfs_exports list
 - Get the tree_quotas list
 - Get the user_quotas list
 - Get the list of entities with filters
 - Get the file system list
- File System Module
 - Create new File System
 - Get File System details
 - Modify File System attributes
 - Delete File System
- NFS Export Module
 - Create NFS Export for filesystem/filesystem snapshot
 - Get NFS export details
 - Modify the attributes of NFS export
 - Add/remove host access
 - Delete NFS export
- SMB Share Module
 - Create a SMB Share
 - Update attributes of SMB Share
 - Get details of SMB Share
 - Delete SMB Share
- Quota Module
 - Create a User/Tree Quota
 - Update User/Tree Quota
 - Get User/Tree Quota
 - Delete Tree Quota
- NAS Server Module
 - Get NAS Server details
 - Rename NAS Server
 - Modify NAS Server attributes
- Snapshot Module
 - Create a new Volume Group Snapshot
 - Delete an existing Volume Group Snapshot
 - Get details of Volume Group Snapshot
 - Modify Volume Group Snapshot
 - Create a new Volume Snapshot
 - Get details of Volume Snapshot

- Modify Volume Snapshot
 - Delete an existing Volume Snapshot
- File System Snapshot Module
 - Create filesystem snapshot
 - Get filesystem snapshot details
 - Modify attributes of filesystem snapshot
 - Delete filesystem snapshot

Known problems and limitations

List of known problems and limitations for Ansible Modules for Dell EMC PowerStore Version 1.1 release.

Known problems

None

Limitations

None

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](#).

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.