

# Ansible modules for Dell EMC VPLEX

## Release Notes

Version 1.0

## 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.

<b>Chapter 1: Release Notes.....</b>	<b>4</b>
Revision history.....	4
Product description.....	4
New features and changes.....	4
Known problems and limitations.....	5
Known problems.....	5
Limitations.....	5
Software media, organization, and files.....	5
Additional resources.....	5
Documentation.....	6
Get help.....	6

# Release Notes

These release notes contain supplemental information about Ansible Modules for Dell EMC VPLEX. Topics include:

**Topics:**

- [Revision history](#)
- [Product description](#)
- [New features and changes](#)
- [Known problems and limitations](#)
- [Software media, organization, and files](#)
- [Additional resources](#)

## Revision history

Date	Document revision	Description of changes
October 2020	01	Ansible Modules for Dell EMC VPLEX release 1.0

## Product description

This section describes the Ansible Modules for Dell EMC VPLEX.

The Ansible Modules for Dell EMC VPLEX are used for managing Storage Views, Initiators, Ports, Consistency Groups, Virtual Volumes, Devices, Extents, Storage Volumes, and also able to do gather facts operation on the storage array. The modules use playbooks to list, show, create, delete, and modify each of the entities.

The Ansible Modules for Dell EMC VPLEX support the following features:

- Create Device, Virtual volume, Extent, Consistency group, Storage view, Claim storage volumes, and Add initiator
- Modify Virtual volume, Devices, Extents, Storage volumes, Consistency group, Storage view, and Initiator
- Delete Virtual Volume, Device, Extents, Consistency group, and Storage View
- Register and Unregister Initiator
- Get details of the Initiator, Virtual volume, Storage volume, Device, FE port, Extent, Consistency groups, Storage view, Initiators, and Array
- List Virtual volumes, Devices, Extents, Storage volumes, Ports, Storage arrays, Consistency groups, Storage views, Initiators, ITLs
- Set Thin rebuild
- Rediscover Initiators and connected Array
- Claim or Unclaim Storage volumes
- Enable or Disable FE port

## New features and changes

This section describes the new features of the Ansible Modules for Dell EMC VPLEX in this release.

The following is the list of Ansible modules supported in this release.

- Gather facts
- Storage Volume
- Extent
- Device

- Virtual Volume
- Consistency Group
- Port
- Initiator
- Storage View
- Rediscover Array

## Known problems and limitations

This section lists the known problems and limitations of Ansible modules for Dell EMC VPLEX.

- [Known problems](#)
- [Limitations](#)

### Known problems

The following are the known issues in the Release 1.0.

Issue Number	Description	Workaround
VPLEX-29199	Virtual Volumes: The expand idempotency is failed for ordered list for the devices, if it has more than two items.	The workaround is not available in this release.
VPLEX-30192	Initiator-only one of POST and PATCH operation is issued when both is given in a single task.	Specify each call in a separate task.
VPLEX-30198	Device-only POST call gets handled when both POST and PATCH is issued in single task.	Specify each call in a separate task.
VPLEX-30267	Extent: Rename extent along with POST call with the existing extent name should be updated with the exact name in the output.	When create and rename an extent is given in the same task, the new_extent_name should be different than the name of the newly created extent.
VPLEX-30269	Devices: There is a difference in maximum number of characters for <b>Create</b> and <b>Rename</b> .	The workaround is not available in this release.
VPLEX-30280	Extents: There is a difference in Maximum number of characters for <b>Rename</b> .	The workaround is not available in this release.

### Limitations

- The metro configurations are not supported.

## 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 VPLEX Github <https://github.com/dell/ansible-vplex> page.

## Additional resources

This section provides more information about the product, how to get support, and provide feedback.

## Documentation

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

The Ansible Modules for Dell EMC VPLEX is available on <https://github.com/dell/ansible-vplex>. The documentation includes the following:

- Ansible Modules for Dell EMC VPLEX Release Notes
- Ansible Modules for Dell EMC VPLEX Product Guide

## Get help

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

## Product Information

For documentation, release notes, software updates, and other information about Dell EMC products, go to [Dell EMC Online Support](#).

### Technical support

Ansible modules for VPLEX are supported by Dell EMC, and are provided under the terms of the license that is attached to the source code.

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](#).