CSI Driver for Dell EMC Unity

Version 1.0

Release Notes

November 2019



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Release Notes

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Revision history

The following table presents the revision history of this document.

Table 1 Revision history

Revision	Date	Description
01	November 2019	First release of the product.

Product description

This section describes the CSI Driver for Dell EMC Unity.

The CSI Driver for Dell EMC Unity is a plug-in that is installed into Kubernetes to provide persistent storage using Dell EMC Unity storage systems.

The CSI Driver adheres to the Container Storage Interface (CSI) specification v1.1. It is compatible with Kubernetes version 1.14. The Red Hat Enterprise Linux 7.5, Red Hat Enterprise Linux 7.6, or CentOS 7.6 host operating systems are supported.

New features and changes

The driver supports the following features:

- Persistent volume (PV) capabilities:
 - Create
 - List
 - Delete
 - Mount
 - Unmount
- Supports mounting volume as file system
- Supports snapshot creation
- Supports static volumes and dynamic volumes
- Supports Bare Metal machine type
- Supports SINGLE_NODE_WRITER access mode
- Supports CentOS 7.6 as host operating system
- Supports Red Hat Enterprise Linux 7.5 and 7.6 as host operating system
- Supports Kubernetes version 1.14
- Supports Unity OE 5.0
- Supports FC Protocol
- (i) Note: Volume Snapshots is an Alpha feature in Kubernetes. It is recommended for use only in short-lived testing clusters, as features in the Alpha stage have an increased risk of bugs and a lack of long-term support. See Kubernetes documentation for more information about feature stages.

Known problems and limitations

This section describes the known problems and limitations associated with this release of the product.

Knowns problems

There are no known issues or bugs fixed in this release.

Known limitations

Volume Snapshots are not supported in this release of the CSI Driver for Dell EMC Unity.

Software media, organization, and files

This section provides information about where you can find the software files for this release of the CSI Driver for Dell EMC Unity.

The software package is available for download from the CSI Driver for Dell EMC Unity GitHub page.

Additional resources

This section provides information about the CSI Driver for Dell EMC Unity, how to get support, and provide feedback.

Documentation

This section lists the related documentation for CSI Driver for Dell EMC Unity.

The CSI Driver for Dell EMC Unity is available on the CSI Driver for Dell EMC Unity GitHub page. The documentation includes the following:

- CSI Driver for Dell EMC Unity Release Notes (this document)
- CSI Driver for Dell EMC Unity Product Guide

Troubleshooting and getting help

Use the resources in this section 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

For any CSI driver configuration, setup issues, or questions, use the Dell EMC container forum. For any with Dell EMC Storage, contact Dell EMC Online Support.

Release Notes