CSI Driver for Dell EMC PowerMax

Version 1.1

Release Notes

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REV 02
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These release notes contain supplemental information about the CSI Driver for Dell EMC PowerMax. Topics include:

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Revision history

The following table presents the revision history of this document.

Table 1 Revision history

Revision	Date	Description
02	December 2019	Updated new features section.
01	July 2019	First release of the product.

Product description

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

The CSI Driver adheres to the Container Storage Interface (CSI) specification version 1.1. It is compatible with Kubernetes versions 1.13, and 1.14 running within a host operating system of Red Hat Enterprise Linux (RHEL) 7.6.

Features of the CSI Driver for Dell EMC PowerMax

The CSI Driver for Dell EMC PowerMax has the following features:

- Supports CSI 1.1
- Supports Kubernetes version 1.13, and 1.14
- Supports Unisphere for PowerMax 9.1
- Supports Fibre Channel
- Supports Red Hat Enterprise Linux 7.6 host operating system
- Supports PowerMax - 5978.444.444 and 5978.221.221
- Supports Linux native multipathing
- Persistent Volume (PV) capabilities:
  - Create
  - Delete
- Dynamic and Static PV provisioning
- Volume mount as ext4 or xfs file system on the worker node
- Volume prefix for easier LUN identification in Unisphere
- HELM charts installer
- Access modes:
  - SINGLE_NODE_WRITER
  - SINGLE_NODE_READER_ONLY

Known problems

There are no known problems for this release.

Software media, organization, and files

This section provides information about where to find the software files for this release of CSI Driver for Dell EMC PowerMax.

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

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

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

Troubleshooting and getting help

Use the resources in 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

The CSI Driver for Dell EMC PowerMax image available on Dell EMC Dockerhub is officially supported by Dell EMC. The source code available on Dell EMC Github is unsupported and provided solely under the terms of the license attached to the source code. For clarity, Dell EMC does not provide support for any source code modifications. For CSI driver setup, configuration issues, queries, and feedback, use the Dell EMC Container Community page. For any issues related to Dell EMC storage, contact Dell EMC Online Support.

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