CSI Driver for Dell EMC PowerStore

Version 1.0

Release Notes

May 2020

DELL EMC

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Release Notes

These release notes contain supplemental information about CSI Driver for Dell EMC PowerStore. Topics include:

- Revision history 4
- Product description 4
- Features of the CSI Driver for Dell EMC PowerStore 4
- Known problems 5
- Software media, organization, and files 5
- Additional resources 5

Revision history

The following table presents the revision history of this document.

Table 1 Revision history

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

Product description

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

The CSI driver adheres to the Container Storage Interface (CSI) specification v1.1. It is compatible with Kubernetes versions 1.14 and 1.16. The Dell EMC PowerStore supports Red Hat Enterprise Linux (RHEL) 7.6 and CentOS as host operating system.

Features of the CSI Driver for Dell EMC PowerStore

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

- Supports CSI 1.1
- Supports Kubernetes version 1.14 and 1.16
- Supports Fibre Channel
- Supports iSCSI
- Supports Linux native multipathing
- Supports CentOS versions 7.3, 7.5, and 7.6 as host operating system
- Supports Red Hat Enterprise Linux 7.6 as host operating system
- Supports Ubuntu 18.04 as host operating system
- Automatic Kubernetes version detection
- Dynamic and Static PV provisioning
- Helm 3 charts installer
- Persistent volume (PV) capabilities - create and delete
- Volume and host prefixes for easier identification in PowerStore Manager
- Volume mount as ext4 or xfs file system on the worker node

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 PowerStore.

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

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

- CSI Driver for Dell EMC PowerStore Release Notes (this document)
- CSI Driver for Dell EMC PowerStore 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

Dell EMC Online Support provides technical support services. To open a service request, you must have a valid support agreement. Contact your Dell EMC sales representative to get a valid support agreement or for other questions about your account.

The CSI Driver for Dell EMC PowerStore 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.