

# CSI Driver for Dell EMC VxFlex OS

Version 1.1.3

## Release Notes

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# Release Notes

These release notes contain supplemental information about CSI Driver for Dell EMC VxFlex OS.  
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## Revision history

The following table presents the revision history of this document.

**Table 1** Revision history

Revision	Date	Description
04	November 2019	Validation against the Kubernetes CSI Driver Tests version 1.0.3.
03	September 2019	Added support for Dell EMC VxFlex OS version 3.0.1.
02	August 2019	Added support for Ubuntu 18.04.2 as host OS.
01	June 2019	First release of the product. Added support for RHEL 7.5 and RHEL 7.6 as host OS.

## Product description

This section describes the CSI Driver for Dell EMC VxFlex OS.

The CSI Driver for Dell EMC VxFlex OS driver is a plug-in that is installed into Kubernetes to provide persistent volumes using Dell EMC VxFlex OS storage system. The CSI Driver for Dell EMC VxFlex OS and Kubernetes communicate using the Container Storage Interface protocol v 1.0. The CSI Driver for Dell EMC VxFlex OS is compatible with Kubernetes 1.13.1, 1.13.2, and 1.13.3.

## New features and changes

This section describes the new features of the CSI Driver for Dell EMC VxFlex OS in this release.

With this release, in addition to CentOS 7.3 and 7.5, and Red Hat Enterprise Linux (RHEL) 7.5 and 7.6, the , supports Ubuntu 18.04.2 as host operating system. CSI Driver for Dell EMC VxFlex OS supports Dell EMC VxFlex OS version 3.0.0 and 3.0.1.

## Fixed issues

The following table shows the fixed issues in this release:

**Table 2** Fixed issues

Problem number	Problem summary	Found in version	Fixed in version
CSIVXFLXOS-21	Volume creation in VxFlex OS fails when you create volumes with size less than 1 GB.	1.0	1.1.3
CSIVXFLXOS-35	The <i>verify.kubernetes</i> script fails due to incorrect installation path.	1.0	1.1.3
CSIVXFLXOS-70	The Access mode <code>ReadOnlyMany</code> is unable to mount the volume.	1.0	1.1.3

**Table 2** Fixed issues (continued)

Problem number	Problem summary	Found in version	Fixed in version
CSIVXFLXOS-122	<p>The installation of the driver fails with the following error:</p> <pre>error: the server doesn't have a resource type volumesnapshotclass</pre>	1.0	1.1.3

## Known problems

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

## Software media, organization, and files

This section provides information on where to find the software files for this release of CSI Driver for Dell EMC VxFlex OS.

The software package is available for download from [VxFlex OS GitHub](#) page.

## Additional resources

This section provides information about CSI Driver for Dell EMC VxFlex OS, get support, and provide feedback.

### Documentation

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

The CSI Driver for Dell EMC VxFlex OS is available on [VxFlex OS GitHub](#) page. The documentation includes the following:

- CSI Driver for Dell EMC VxFlex OS Release Notes (this document)
- CSI Driver for Dell EMC VxFlex OS 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.

