

Dell Storage Integration Tools for VMware Version 4.1 Release Notes

Current Version: 4.1.3
Release Date: 2018-12
Previous Version: 4.1.2

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This document describes the new features, enhancements, and known issues in the Dell Storage Integration Tools for VMware (DSITV) version 4.1.3.

Revision History

Document Number: 680-132-001

Table 1. Revision History

Revision	Date	Description
A	February 2017	Initial release for version 4.1
B	May 2017	Version 4.1.1 adds support for RMSV version 1.4.
C	July 2017	Clarified VMware vCenter and ESXi support.
D	September 2017	Addresses a security vulnerability issue
E	November 2018	Support for Storage Center version 7.3 with RMSV
F	December 2018	Update VMware supported versions

Software Requirements

The following lists identify the minimum software requirements for the DSITV components.

- **Replay Manager Service for VMware (RMSV)**
 - Storage Center OS version: 6.5
 - Replay Manager Management Tools version: 5.0
 - Replay Manager Explorer version: 7.8
 - VMware ESX/ESXi version: 5.5–6.5
 - VMware vCenter Web Client Server version: 5.5–6.5
- **Dell Storage vSphere Web Client Plugin**
 - Dell Storage Manager (Enterprise Manager): 2016 R3

- Storage Center OS version: 6.5
- VMware ESXi version: 5.5–6.5
- VMware vCenter Web Client Server version: 5.5–6.5
- FluidFS version: 5.0

i **NOTE:** The Dell Storage Manager Data Collector is also required for the Dell Storage vSphere Web Client Plugin version 4.1. See the *Dell Storage Manager Installation Guide* for information about installing Data Collector.

New Features and Enhancements in Version 4.1.1 and Version 4.1

DSITV versions 4.1.1 and 4.1 include the following new features and enhancements.

New Features in Version 4.1.1

Version 4.1.1 adds support for RMSV version 1.4.

New Features in Version 4.1

Enhancements to Datastore Provisioning Workflows

The vSphere Web Client Plugin adds support for datastore provisioning workflows:

- Datastore provisioning with VMFS 6 and NFS 4.1 datastores
- Compression

If the Reduction Profile option has been set to enable compression in the user preferences of Dell Storage Manager, running the `Create Datastore` task creates a datastore that has the compression algorithm applied. For modification of datastores on Storage Centers, you can use the `Edit Volume` task to set the Data Reduction option to be either `Compression` or `None` (no compression).

Disaster Recovery Support

Disaster Recovery (DR) can be configured for pairs of Storage Centers. In the vSphere Web Client Plugin, a new menu item **Disaster Recovery** has been added under **All Dell Storage Actions**.

FluidFS Version 6 Support

FluidFS version 6.0 support has been added.

Front-End SAS Support

Front-End SAS support has been added for the SCv2000 series and SC4020 Storage Centers.

Product Rebranding

For version 4.1, the product previously known as Compellent Integration Tools for VMware (CITV) has been renamed Dell Storage Integration Tools for VMware (DSITV). This name change affects user interface menus and wizards, in addition to folder names and file names.

Issues Fixed in Version 4.1.3

The following issue has been fixed in version 4.1.3:

Title: Support for Storage Center software version 7.3 with RMSV
Description: This release of DSITV appliance supports Storage Center software version 7.3 with RMSV.

Issues Fixed in Version 4.1.2

The following issue has been fixed in version 4.1.2:

Title: Security Vulnerability
Description: This release of DSITV appliance corrects the latest Stack Clash / Stack Guard Page vulnerability.

Usage Constraints

Cross-platform replication – that is, replicating data between PS Series volumes and SC Series volumes – is not supported in DSITV 4.1.

Known Issue in Version 4.1

The following table lists the known issue that affects DSITV 4.1.

Table 2. Known Issues in Version 4.1

Problem ID	Description
CQ00505679	CITV (DSITV) 4.0 and later allows some operations on a cross-platform replication target volume, even though Dell Storage Manager prohibits such operations from the UI. Dell recommends that you not use DSITV for cross-platform replication volumes.

Installation Instructions

See the *Dell Storage Integration Tools for VMware Administrator's Guide* for instructions on installing the Dell Storage Integration Tools for VMware, including:

- Replay Manager Service for VMware (RMSV)
- Dell Storage vSphere Web Client Plugin

Support Resources

The following support resources are available for the Dell Storage Integration Tools for VMware.

Related Publications

The following documentation is available for the Dell Storage Integration Tools for VMware:

- *Dell Storage Integration Tools for VMware Administrator's Guide*
Provides instructions for installing DSITV and configuring the following applications:
 - Replay Manager Service for VMware (RMSV)
 - Dell Storage vSphere Web Client Plugin
- *Dell Storage vSphere Web Client Plugin Administrator's Guide*
Describes how to use the Dell Storage vSphere Web Client Plugin to manage Dell Storage Centers with the VMware vSphere Web Client.
- *Dell Storage Manager Administrator's Guide*
Provides configuration and management instructions for Dell Storage Manager.
- *Replay Manager Administrator's Guide*
Describes how to install Replay Manager and how to use the software to back up and restore data on a server.

Contacting Dell

Dell provides several online and telephone-based support and service options. Availability varies by country and product, and some services might not be available in your area. To contact Dell for sales, technical support, or customer service issues, go to Dell.com/support.

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.

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