

Dell Storage Compellent Integration Tools for VMware Version 4.0

Release Notes

This document describes the new features, enhancements, and known issues in the Compellent Integration Tools for VMware (CITV) version 4.0.

Current Version: 4.0
Release Date: 2016-06
Previous Version: 3.1

Revision History

Document Number: 680-090-004

Revision	Date	Description
A	June 2016	Initial release for version 4.0

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Software Requirements

The following lists identify the minimum software requirements for the CITV components. All the components also support vSphere 6.0 and ESXi 6.0.

- Replay Manager Service for VMware (RMSV):
 - Minimum Storage Center OS version: 6.5
 - Minimum Replay Manager Management Tools version: 5.0
 - Minimum Replay Manager Explorer version: 7.6
 - Minimum VMware ESX/ESXi version: 5.0.
 - Minimum VMware vCenter Web Client Server version: 5.0
- Dell Storage vSphere Web Client Plugin



- Minimum Enterprise Manager: 2015 R3
- Minimum Storage Center OS version: 6.5
- Minimum VMware ESXi version: 5.5
- Minimum VMware vCenter Web Client Server version: 5.5
- Minimum FluidFS version: 4.0.100714

 **NOTE:** The Dell Storage Manager (called Enterprise Manager, prior to 2016) Data Collector is also required for the Dell Storage vSphere Web Client Plugin version 4.0. See the *Dell Storage Manager Installation Guide* for information about installing Data Collector.

New Features and Enhancements in Version 4.0

CITV version 4.0 includes the following new features and enhancements:

- Enhances security by updating the base operating system of the virtual appliance (see [Virtual Appliance OS](#)).
- Provides the ability to migrate RMSV data from CITV 3.1 to version CITV 4.0 (see [RMSV Data Migration](#)).
- Removes management of the VASA Provider, which is now registered from the Dell Storage Manager. For information about the VASA Provider, including restrictions, registering, and unregistering, see the *Dell Storage Manager 2016 R1 Administrator's Guide*.

Virtual Appliance OS

The operating system of the virtual appliance in this release is CentOS 6.7.

RMSV Data Migration

This release provides a side-by-side update from the CITV 3.1 virtual appliance to the CITV 4.0 virtual appliance. During the configuration process, you can choose to migrate RMSV data created in CITV 3.1 to CITV 4.0. For more information, see the *Dell Compellent Integration Tools for VMware Administrator's Guide*.

Usage Constraints

The following usage constraint applies to CITV 4.0.

Cross-platform replication – that is, replicating data between PS Series volumes and SC Series volumes – is not supported in CITV 4.0.

Known Issues in Version 4.0

The following table lists the known issues that affect CITV 4.0.

Table 1. Known Issues in Version 4.0

Problem ID	Description
CQ00505679	CITV 4.0 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 CITV for cross-platform replication volumes.

Installation Instructions

See the *Dell Storage Compellent Integration Tools for VMware Administrator's Guide* for instructions on installing the Compellent 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 Compellent Integration Tools for VMware.

Related Publications

The following documentation is available for the Compellent Integration Tools for VMware:

- *Dell Storage Compellent Integration Tools for VMware Administrator's Guide*
Provides instructions for installing CITV 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 vSphere Web Client Plugin to manage Dell Storage Center with the VMware vSphere Web Client.
- *Dell Storage Manager Administrator's Guide*

Provides configuration and management instructions for Dell Storage Manager 2016 R1. Alternatively, see the *Enterprise Manager Administrator's Guide* if you are using Enterprise Manager 2015 R3.
- *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.
- *Storage Center System Manager Administrator's Guide*
Describes how to use the Storage Center System Manager to configure and manage storage on a Storage Center.

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 www.dell.com/support.

- For customized support, type your system service tag on the support page and click **Submit**.

- For general support, browse the product list on the support page and select your product.

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