

Dell Storage Compellent Integration Tools for VMware Version 3.1

Release Notes

This document describes the new features, enhancements, and known issues in the Compellent Integration Tools for VMware (CITV) version 3.1.

Current Version: 3.1
Release Date: 2016-03
Previous Version: 3.0

Revision History

Document Number: 680-090-003

Revision	Date	Description
A	March 2016	Initial release for version 3.1
B	March 2016	Revision to version 3.1 general release

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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.

- VASA Provider:
 - Minimum Enterprise Manager version: 6.3
 - Minimum Storage Center OS version: 5.5
 - Minimum VMware ESX/ESXi version: 5.0
 - Minimum VMware vCenter Web Client Server version: 5.0
- Replay Manager Service for VMware (RMSV):
 - Minimum Storage Center OS version: 5.5



- Minimum Replay Manager Management Tools version: 5.0
- Minimum Replay Manager Explorer version: 7.6
- Minimum VMware ESX/ESXi version: 5.0. RMSV also supports ESXi 6.0.
- 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 Enterprise Manager Data Collector is also required for the Dell Storage vSphere Web Client Plugin version 3.1. See the *Dell Enterprise Manager Installation Guide* for information on installing Data Collector.

New Features and Enhancements in Version 3.1

CITV version 3.1 includes the following new features and enhancements.

Storage Center Platforms

CITV version 3.1 adds support for the following Dell hardware platforms:

- Dell Storage Center SCv2020
- Dell Storage Center SC9000

Virtual Appliance OS

The operating system of the virtual appliance in this release is CentOS 5.11.

Dell Storage vSphere Web Client Plugin Enhancements

CITV version 3.1 includes the Dell Storage vSphere Web Client Plugin version 3.1, which contains the following enhancements:

- Support for Storage Center OS version 6.7
- Support for the Fluid File System (FluidFS) version 5
- Support for FluidFS-based datastores: create and manage NAS volume snapshots and snapshot schedules
- Support for Replication/Live Volume when creating VMFS datastores
- Support for Replication/Live Volume when deploying virtual machines to a new VMFS datastore
- Support for Live Volume automatic failover and restore

For more details about the Dell Storage vSphere Web Client Plugin new features and enhancements, see the *Dell Storage vSphere Web Client Plugin Release Notes*.

Known Issues in Version 3.1

The following known issue was reported in CITV 3.1.


Table 1. Known Issues in Version 3.1

Problem ID	Description
CQ00421525	DNS resolution is validated from a CITV appliance before attempting to register a VASA provider. DNS validation has been fixed in CITV 3.0 for ESXi 5.5 and 6.0. However, the DNS validation problem still exists for ESXi 5.0.
n/a	<p>In the Install an Update to CITV section of the <i>Dell Storage Compellent Integration Tools for VMware Administrator's Guide</i>, Next Steps should include additional information about rebooting the CITV appliance and then reregistering the vSphere Web Client plugin after the update.</p> <p>The revised text reads as follows:</p> <p>Next Steps</p> <ol style="list-style-type: none">1. Reboot the CITV appliance after installing the update. On some occasions, the version number is not refreshed immediately after an update. This action also updates the version number.2. After rebooting the CITV appliance, unregister and reregister the vSphere Web Client Plugin from the CITV appliance's CLI menu. This action removes the old plugin and registers the new plugin to vCenter.3. When Replay Manager Explorer is installed on a server with the Replay Manager Service, restart the Replay Manger Service after the CITV update completes.

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:

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

 **NOTE:** Dell recommends that you reboot the CITV appliance after installing an update.

Support Resources

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

Finding Documentation

Documentation for Compellent Integration Tools for VMware version 3.1 is available from this location:


1. Go to support.dell.com.
2. Click **Help** in the Product user interface.

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:
 - VASA Provider
 - Replay Manager Service for VMware (RMSV)
 - 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.
- *Enterprise Manager Administrator's Guide*
Provides configuration and management instructions for Enterprise Manager, which allows enterprise-level management of multiple Storage Centers, including setting up and monitoring replications and disaster recovery (DR) sites. In addition, Enterprise Manager provides a variety of system-provided performance reports, as well as the ability to create custom reports.
- *Replay Manager Administrator's Guide*
Describes how to install Replay Manager and how to use the software to back up and restore data on 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

 **NOTE:** If you do not have an active Internet connection, you can find contact information on your purchase invoice, packing slip, bill, or Dell product catalog.

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

support.dell.com

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