

Dell Storage vSphere Web Client Plugin

Version 4.1 Release Notes

This document describes new features, enhancements, and known issues in the Dell Storage vSphere Web Client Plugin for version 4.1.

Current Version: 4.1
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Previous Version: 4.0

Revision History

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Revision	Date	Description
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Software Requirements

The following list identifies the minimum software requirements for using the Dell Storage vSphere Web Client Plugin.

- Dell Storage Manager (Enterprise Manager): 2016 R3
- Storage Center OS version: 6.5
- VMware ESXi version: 5.5
- VMware vCenter Web Client Server version: 5.5
- FluidFS version: 5.0

 **NOTE: For 2016 and later, Enterprise Manager is called Dell Storage Manager.**

New Features and Enhancements in Version 4.1

Version 4.1 of the Dell Storage vSphere Web Client Plugin provides the following new features and enhancements:

- Support for datastore provisioning with VMFS6 and NFS 4.1 datastores
- Support for Compression

If the Reduction Profile option has been set to enable compression in the user preferences of 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).

 **NOTE: The Compression option is enabled on the Edit Volume wizard only if the Allow Compression option has been set on the Storage Center using the Dell Storage Manager.**

- Disaster Recovery (DR) support
DR Recovery can be configured for pairs of Storage Centers. A new menu item **Disaster Recovery** has been added under **All Dell Storage Actions**. By selecting **All Dell Storage Action** → **Disaster Recovery**, you can then select the following actions:
 - Activate Disaster Recovery
 - Restore/Restart Disaster Recovery
 - Predefine Disaster Recovery
- SAS Front End host connectivity is now supported on the Dell SCv2000 series and SC4000 series.
- All occurrences of *Replays* in the user interface have been changed to *Snapshots*.
- Rebranding
All references to *Compellent* in the user interface have been changed to *Dell Storage*.

Known Issues in Version 4.1

The following known issues have been reported in the Dell Storage vSphere Web Client Plugin version 4.1.

Table 1. Known Issues in Version 4.1

Problem ID	Description
CQ00440246	Reloading the web browser for Dell Storage → Summary/Monitor/Manage results in the following VMware error: An internal error has occurred - Error #1009 Reloading the client is recommended, so as to clear any problems left by this error. Click Yes to reload the vSphere Web Client? To recover from this condition, click No , then click vSphere Web Client Home .
CQ00452597	Using the vSphere Web Client, you cannot add an existing datastore on a Dell volume without renaming it.
CQ00465010	The Clone VM operation fails if you select a destination cluster with all the associated hosts that do not have connectivity to the NAS datastore.
CQ00499379	After creating a new virtual RDM and mapping it to a VM, then sharing the virtual RDM with multiple VMs, the RDM mapping fails.
CQ00501859	The Provision Virtual Machine wizard does not allow memory configuration of more than 8172 MB.
CQ00503033	Adding a datastore from the Add Datastore wizard and then creating an asynchronous replication might result in the Replicate to Lowest Tier option erroneously appearing for asynchronous replication on SCv2000 series Storage Centers.
CQ00503805	You cannot provision a virtual machine on an ESXi host when there is no VM previously existing in the server inventory. If no VM exists in the ESXi host inventory, provision any virtual machines you create using the template from the VM template context instead of the Host and Cluster context.
CQ00506520 CQ00506584	An attempt to resize a VMFS 5 or VMFS 6 datastore completes successfully, even though the following error is shown: <code>Expansion Request Failed - Runtime Fault Summary</code> .
CQ00506665	The operation of provisioning a VM, then creating a datastore, and then selecting the replication option might result in no target Storage Centers being shown.



Problem ID	Description
CQ00506700	The Clone operation is not supported in NFS 4.1 with FluidFS v5.
CQ00506832	An attempt to add a Live Volume to an existing datastore results in the error <code>Runtime Fault Summary</code> , even though the operation is successful.
None	When the Web Client is running on low memory with multiple browser sessions, unpredictable plugin behavior might occur.

Issues Fixed in Version 4.1

The following issues have been fixed in version 4.1.

Table 2. Fixed Issues in Version 4.1

Problem ID	Description
CQ00497229	When creating a VM with a new datastore, the datastore size failed to validate with the VM size.
CQ00464396	In the Dell Storage Monitor view for FluidFS systems, the value shown for Charts → NAS Pool Trends was the number of blocks, rather than a unit of measurement such as GB or TB.

Installation Instructions

The *Dell Storage Integration Tools for VMware Administrator's Guide* provides installation instructions the vSphere Web Client Plugin. The *Dell Storage vSphere Web Client Plugin Administrator's Guide* provides instructions for configuring the plugin.

Dell Support Resources

The following support resources are available for the Dell Storage vSphere Web Client Plugin.

Related Publications

The following documentation is available for client applications used with Dell storage products:

- *Dell Storage vSphere Web Client Plugin Administrator's Guide*
Describes how to use the vSphere Web Client Plugin to manage a Dell Storage Center with the VMware vSphere Web Client.
- *Dell Storage Integration Tools for VMware Administrator's Guide*
Provides instructions for deploying DSITV and configuring the Dell Storage vSphere Web Client Plugin.
- *Dell Storage Integration Tools for VMware Release Notes*
Describes the new features and enhancements in the latest version of DSITV.
- *Dell Storage SC Series Best Practices with VMware vSphere 5.x–6.x*
Provides configuration examples, tips, recommended settings, and other storage guidelines a user can follow while integrating VMware vSphere with the Dell Storage Center. This document answers many frequently asked questions about how VMware interacts with Storage Center features, such as Dynamic Capacity, Data Progression, and Remote Instant Replay.
- *Dell Storage Manager Administrator's Guide*
Provides configuration and management instructions for Dell Storage Manager.

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.



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