

IBM System Storage SAN Volume Controller Adapter for
VMware vCenter Site Recovery Manager
Version 2.2.1

Release Notes



First Edition (November 2013)

This edition applies to version 2.2.1 of the IBM System Storage SAN Volume Controller Adapter for VMware vCenter Site Recovery Manager 5.x and to all subsequent releases and modifications until otherwise indicated in a newer publication. Newer document editions may be issued for the same product version in order to add missing information or amend typographical errors. The edition is reset to 'First Edition' for every new product version.

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Overview

The IBM® System Storage® SAN Volume Controller Adapter for VMware vCenter Site Recovery Manager is a software add-on, used as a Storage Replication Adapter (SRA) that integrates with VMware vCenter Site Recovery Manager (SRM) solution and enables SRM to perform failovers together with IBM SAN Volume Controller storage systems.

The IBM SAN Volume Controller SRA extends SRM capabilities and allows it to employ SAN Volume Controller replication and mirroring as part of the SRM comprehensive Disaster Recovery Planning (DRP) solution.

Download site

The IBM SAN Volume Controller Adapter for VMware vCenter Site Recovery Manager 5.x is available for download from the VMware website (<http://www.vmware.com/go/download-srm>).

Compatibility and requirements

This section specifies the compatibility and requirements of version 2.2.1 of the IBM System Storage SAN Volume Controller Adapter for VMware vCenter Site Recovery Manager 5.x.

Supported storage systems

The IBM SAN Volume Controller Adapter for VMware vCenter Site Recovery Manager 5.x supports the following IBM Storage products.

Storage system	Microcode version
IBM System Storage SAN Volume Controller	5.1 to 7.2
IBM Storwize® V5000	7.1 to 7.2
IBM Storwize V7000	6.1 to 7.2
IBM Storwize V7000 Unified	1.3 to 1.4.2
IBM Flex System™ V7000 Storage Node	6.4.1 to 7.2
IBM Storwize V3700	7.1.0.1 to 7.2

Required VMware server software

The following server software must be installed at both the protected (primary) site and recovery (secondary) site.

- VMware Site Recovery Manager 5.x

Required VMware client software

The following software must be installed on the administrator client station.

- VMware vSphere Client

Change log

This section summarizes the changes made in different version releases of the IBM System Storage SAN Volume Controller Adapter for VMware vCenter Site Recovery Manager 5.x.

Version 2.2.1 (November 2013)

Version 2.2.1 includes the following new features.

- Support for Transport Layer Security (TLS) 1.2.
- Support for IBM System Storage SAN Volume Controller 7.2
- Support for IBM Storwize V5000 7.1 to 7.2
- Support for IBM Storwize V7000 7.2
- Support for IBM Storwize V7000 Unified 1.4.2
- Support for IBM Flex System V7000 Storage Node 7.2
- Support for IBM Storwize V3700 7.2

Version 2.2.0 (September 2013)

Version 2.2.0 includes the following new features.

- Support creating Compressed Volume during SRM operations
- Support adding Volume Name Filter (Opaque)
- Support for:
 - IBM System Storage SAN Volume Controller
 - IBM Storwize V5000 7.1
 - IBM Storwize V7000
 - IBM Storwize V7000 Unified
 - IBM Storwize V3700
 - IBM Flex System V7000 Storage Node

Version 2.1.0 (January 2013)

Version 2.1.0 includes the following new features.

Global Mirror Change Volume

Global Mirror Cycling mode between the storages.

Fiber Channel/iSCSI communication

iSCSI and Fibre Channel communications between host and storage.

Preconfigured failover

Pre-configured environment settings for data migration.

Non-preconfigured failover

Non-preconfigured environment settings for data migration.

Space Efficient Volume

Space Efficient FlashCopy® target volume.

The following Bug Fix information is now available:

Bug Fix ID	Description
SVCSRA-5192	The Site Recovery Manager reports 4096 error code and causes test failover failure.

Bug Fix ID	Description
SVCSRA-5201	The space efficient volume is not created when the Storage Replication Adapter is configured in space efficient mode during testfailoverstart .
SVCSRA-5202	Test snapshot is not cleaned up during testfailoverstop .
SVCSRA-5207	Failover failed when the SAN Volume Controller protection site is down.

Known issues

This section details the known issues in version 2.2.0, along with possible workarounds (if workarounds are available).

Ticket ID	Description
SVCSRA-5136	<p>The IBM SAN Volume Controller SRA fails if the name of the consistency group has the string "grp".</p> <p>Workaround: Do not give your consistency group a name with the string "grp".</p>
SVCSRA-5161	<p>If the vCenter/SRM/ESX server is down but the storage is still working, the secondary recovery action may fail when the protection site is recovered.</p> <p>Solution: Stop the remote copies with the access option enabled on the storage before running the secondary recovery.</p>

Related information and publications

You can find additional information and publications related to the IBM SAN Volume Controller Adapter for VMware vCenter Site Recovery Manager 5.x on the following IBM and VMware websites.

- IBM Storage Host Software Solutions Information Center
- VMware vCenter Site Recovery Manager Documentation
- VMware Technical Resource Center
- VMware Knowledge Center
- SAN Volume Controller V4.3.0 Advanced Copy Services
- SAN Volume Controller Best Practices and Performance Guidelines

Getting information, help, and service

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- IBM website (ibm.com®)
- IBM Support Portal website (www.ibm.com/storage/support)
- IBM Directory of Worldwide Contacts website (www.ibm.com/planetwide)

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