

Dell EMC Unity Block Storage Replication Adapter for VMware Site Recovery Manager

Version 5.0.4.146

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These Release Notes contain supplemental information about Dell EMC Unity Block Storage Replication Adapter for VMware vSphere Site Recovery Manager.

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Revision history

The table in this section lists the revision history of this document.

Revision	Date	Description
04	September 2019	Updated the Fixed Problems section for Unity Block SRA 5.0.4.146
03	May 2019	Updated the Fixed Problems section for Unity Block SRA v5.0.4.143
02	March 2018	This revision includes information for VMware Site Recovery Manager (SRM) versions 5, 6.0, 6.1, and 6.5 and replaces previous release notes for these SRM versions. Updated all sections.
01	November 2016	First release of this document

Product description

Dell EMC Unity Block SRA for VMware vCenter Site Recovery Manager is a software package that enables vCenter Site Recovery Manager to implement disaster recovery for VMware ESXi server virtual machines by using the Unity storage system. It leverages the storage system block replication capability to support LUN and LUN group-level replication.

This version of Dell EMC Unity Block SRA supports vCenter Site Recovery Manager versions 5, 6.0, 6.1, and 6.5 with Microsoft Windows 64-bit operating systems for the Site Recovery Manager servers.

For information about vCenter Site Recovery Manager, refer to the [VMware Site Recovery Manager](#) topic.

New features and changes

The release notes have been updated to include all supported versions of VMware Site Recovery Manager. No changes have been made to the software.

Fixed problems

The following issues were fixed in this release:

- Unity SRA was unable to find snapshot due to RESTAPI pagination limitation.
- In a scaled environment, Unity Block SRA reports promoted targets incorrectly after failover.
- In a scaled environment, Unity Block SRA displays `internal error` when running **ReverseReplication** after disaster recovery

Known problems and limitations

There are no known problems or limitations in this release.

Environment and system requirements

Ensure that your environment meets these minimum requirements.

The environment at both the protected and recovery sites must meet the following requirements:

- The Unity storage systems must be running Operating Environment version 4.0.0 or later.
- One or more ESXi hosts must be connected to the Unity storage systems at each site.
- At least one replication session must be set up before you configure Unity File SRA.
- The following items must be installed:
 - vCenter Server
 - vCenter Site Recovery Manager (SRM)
 - Appropriate version of Unity Unisphere unified storage management software
 - Unity Block SRA version 5.0.4.x

The following table lists the compatible versions of the required software.

Table 1 Compatibility matrix

SRM version	vCenter Server version	ESXi version
5.5 or 5.8	5.5	5.5
6.0	6.0	6.0
6.1	6.0	6.0
6.5	6.5	6.5
8.1, 8.2	6.7	6.7

Protocol compatibility

Unity Block storage systems are compatible with Fibre Channel and iSCSI connection protocols.

- SRM 5 supports IPv4 only.
- SRM 6.x supports IPv4 and IPv6.

Software media, organization, and files

Learn where to find the required software.

Download the executable file for Unity Block SRA for Site Recovery Manager from the VMware website. The file name is:

`EMC_Unity_Block_SRA_v5.0.4.x_64bit.exe`

Installing the software

Complete the installation steps in this section to install and configure your system.

Procedure

1. Configure Unity storage replication.

Refer to the product documentation to complete the following steps:

- a. Create a Block storage resource (LUN, consistency group, or VMFS datastore).
- b. Create a replication session for the Block storage resource.
- c. Configure host access for the Block storage resource.

2. Install and configure vCenter Site Recovery Manager

For instructions, refer to the following VMware documents on the VMware website:

- *Site Recovery Manager Administration*
- *Site Recovery Manager Installation and Configuration*

3. Install and configure Unity Block SRA:

- a. Run the Unity Block SRA installer on both Site Recovery Manager servers.
- b. Connect to the VMware vCenter server of the protected site through vSphere Client.
- c. In the main window of the vSphere Client, click **Site Recovery**.
- d. Connect the protected and recovery sites, as described in *Site Recovery Manager Administration*.
- e. Set up inventory mappings, as described in *Site Recovery Manager Administration*.
- f. In the navigator list under **Sites**, select a site and click **Monitor > SRAs**.
- g. From the **Actions** menu, click **Rescan** to rescan all SRAs on the selected site.
- h. Repeat steps 3.f on page 4 and 3.g on page 4 for the second site.
- i. Create protection groups and recovery plans as described in *Site Recovery Manager Administration* and *Site Recovery Manager Installation and Configuration*.

Additional resources

You can use these resources to find more information about this product, get support, and provide feedback.

Documentation

These release notes constitute the Dell EMC documentation for this product.

Documentation for vCenter Site Recovery Manager is available at: www.vmware.com/support/pubs/srm_pubs.html.

Additional resources

You can use these resources to find more information about this product, get support, and provide feedback.

Related documentation

These release notes provide the latest information about this product. The following documents, available at [EMC Online Support](#), provide additional information:

- *Using the EMC SRDF Adapter for VMware vCenter Site Recovery Manager TechBook*—Provides complete instructions for installing and configuring SRDF Adapter, initiating test site failover operations, and performing site failover and failback operations.
- *EMC SRDF Adapter Utilities Product Guide*—Provides SRDF Adapter Utilities feature details, and configuration and usage instructions for the VMware administrator.
- *EMC Solutions Enabler Installation Guide*—Contains helpful information on configuring Solutions Enabler.

Product information

For documentation, release notes, software updates, and other information about EMC products, go to [EMC Online Support](#).

Technical support

[EMC Online Support](#) provides technical support services. To open a service request, you must have a valid support agreement. Contact your EMC sales representative to get a valid support agreement or for other questions about your account.

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