

Release Notes

EMC Unity™ File Storage Replication Adapter for VMware Site Recovery Manager

Version 6.0.1

302-003-435

REV 02

January 2018

These Release Notes contain supplemental information about EMC Unity File 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
02	January 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

EMC Unity File 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.

This version of EMC Unity File 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

There are no new features in this release.

Fixed problems

There are no fixed problems 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 4.0.1 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 File SRA version 6.0.1.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

Protocol compatibility

Unity File storage systems support NAS connection protocols.

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

Known problems and limitations

Familiarize yourself with known issues for this release.

Problem	Resolution or workaround
Unity File SRA supports only VMware Datastore types in Unisphere. For each Protection Group or Recovery Plan, you must create a separate NAS server with associated VMware Datastores under it. Generic NFS datastores are not supported in Unisphere.	If you have only one Protection Group and Recovery Plan on the associated Unity array, you can create generic NFS datastores. If you have multiple Protection Groups & Recovery Plans from a single Unity array that you need to recover or protect independently, you must use the VMware Datastore type in Unisphere.
The SRA command, <code>discoverDevices</code> , reports an error and the Test Recovery task fails.	After you create an NFS datastore and configure replication on it from Unisphere, manually synchronize the respective NAS Server replication session. This replicates the NFS export information to the destination array. You can also set the RPO on the NAS Server replication session to 15 minutes, so that NFS exports remain in sync.
For SRM 6.x, only: When you create an array manager using the abbreviated IPv6 address for Included NFS Storage Ports , SRM can't find the replicated datastore.	An abbreviated IPv6 address is not supported in the field Included NFS Storage Ports . When creating array managers, use the same storage port IP address as configured in the NAS Server IPAddress field in Unisphere.

Software media, organization, and files

Learn where to find the software media for this release.

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

EMC_Unity_File_SRA_v6.0.1.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 Unity product documentation to complete the following steps:

- a. Create a File storage resource.
- b. Create a replication session for the File storage resource.
- c. Configure host access for the File 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 File SRA:

- a. Run the Unity File SRA installer on both the protected and recovery Site Recovery Manager servers.
- b. Connect to the VMware vCenter server of the protected site through vSphere Client.
- c. In the home panel of the vSphere Client, click **Site Recovery**.
- d. Connect the protected and recovery sites as described in the VMware *Site Recovery Manager Administration* documentation.
- e. Set up inventory mappings as described in the VMware *Site Recovery Manager Administration* documentation.
- f. Depending on your version of Site Recovery Manager, do one of the following:
 - For SRM version 6.x:
 - a. In the Navigator list under **Sites**, select a site and click **Monitor > SRAs**.
 - b. From the **Actions** menu, click **Rescan** to rescan all SRAs on the selected site.
 - c. Repeat these two steps for the second site.
 - For SRM version 5:
 - a. Click **Rescan SRAs > Array Manager**.

b. For each site, select the **SRAs** tab.

g. Create protection groups and recovery plans as described in the VMware *Site Recovery Manager Administration* and *Site Recovery Manager Installation and Configuration* documentation.

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 EMC documentation for this product.

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

Troubleshooting and getting help

You can use these resources to get help and support.

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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Published January 2018

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Published in the USA.