

**EMC[®] VNX[®] SRA for
VMware vCenter[™]
Site Recovery Manager 5**

Version 5.0.1

Release Notes

P/N 300-012-684

Rev 02

September 2012

These release notes contain supplemental information about the EMC[®] VNX[®] SRA for VMware vCenter[™] Site Recovery Manager 5. Topics include:

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Revision history

Revision	Date	Description
A01	September 2011	General availability of product
02	September 2012	64-bit support for SRM 5.1

Product description

The EMC VNX SRA for VMware vCenter Site Recovery Manager 5 (VNX SRA) is a software package that enables VMware vCenter Site Recovery Manager (SRM) to implement disaster recovery for VMware® ESX™ server virtual machines by using EMC storage platforms.

The VNX SRA specifically enables users to manage EMC VNX series, EMC CLARiON®, and EMC Celerra® systems during disaster recovery.

New features and changes

Version 5.0.1 supports VMware vCenter SRM 5.1, which supports 64-bit operating systems.

Fixed problems

There are no fixed problems.

Environment and system requirements

The VMware environment at both the protected (primary) and recovery (secondary) sites must meet the following requirements.

- ♦ The appropriate versions of VMware vCenter Server and VMware vCenter SRM are installed:
 - 32-bit systems — VMware vCenter Server 5.0 and VMware vCenter SRM 5.0
 - 64-bit systems — VMware vCenter Server 5.1 and VMware vCenter SRM 5.1

- ♦ Replication is configured correctly for SRM to facilitate disaster recovery operations.
- ♦ VMware vCenter SRM server is installed with the following:
 - VNX SRA
 - One or more VNX SRA enablers

The server can be a vCenter server or a Windows host, and it must have one or more VMware ESX 4.1 U1, ESXi 5.0, or ESXi 5.1 servers connected to an EMC platform.

EMC VNX SRA for VMware SRM compatibility

Platform	Protocol	Additional software needed
Celerra	NFS, iSCSI	EMC VNX Replicator Enabler for VNX SRA
CLARiiON	FC, iSCSI	EMC MirrorView™ Enabler for VNX SRA
VNX Series	FC ¹ , iSCSI ^{1,2} NFS ²	¹ EMC MirrorView Enabler for VNX SRA ² EMC VNX Replicator Enabler for VNX SRA

The *EMC VNX Replicator Enabler for EMC VNX SRA Release Notes* and *EMC MirrorView Enabler for EMC VNX SRA Release Notes* are available for download at <https://support.emc.com>.

The *Site Recovery Manager Storage Partner Compatibility Matrix*, located on the VMware website at www.vmware.com, contains the most up-to-date list of software compatible with the various storage platforms.

Limitations

There are no known limitations.

Technical notes

The VNX SRA enables VMware vCenter SRM to automatically drive the setup, testing, and failover portions of the disaster recovery processes for EMC storage platforms. The *VMware vCenter Site Recovery Manager Administration Guide*, available on the VMware website, provides information about these procedures.

Documentation

Part number	Description
300-012-684	EMC VNX SRA for VMware vCenter Site Recovery Manager 5 Release Notes

Documentation for VMware vCenter Site Recovery Manager can be found at http://www.vmware.com/support/pubs/srm_pubs.html.

Software media, organization, and files

Filename	Description
EMC_VNX_SRA_v5.0.1.exe	Installer for EMC VNX SRA for VMware vCenter Site Recovery Manager 5.0.1 – 32 bit
EMC_VNX_SRS_v5.0.1_64bit.exe	Installer for EMC VNX SRA for VMware vCenter Site Recovery Manager 5.0.1 – 64 bit

Installation

Before installing the VNX SRA, install the VMware vCenter SRM server on a supported host at both the protected and recovery sites.

Install VNX SRA

Complete the following steps to install VNX SRA on both the protected and recovery SRM servers:

1. Run the appropriate installer.
2. After the VNX SRA is installed on the protected and recovery SRM servers, start the VMware vSphere™ Client for the protected site vCenter server.
3. Install at least one enabler appropriate to the EMC platform.
4. Click **Site Recovery** in the **Solutions and Applications** section of the VMware vSphere Client home page.
5. Connect the protected and recovery sites as described in the *VMware vCenter Site Recovery Manager Administration Guide* from VMware.
6. Set up inventory mappings and protection groups as described in the *VMware vCenter Site Recovery Manager Administration Guide*.
7. Click **Array Managers** on the bottom of the left pane. For each site, click the **SRA** tab in the right pane.
8. Click the **Reload SRAs** link.
9. Create Protection Groups and Recovery Plans as described in the *VMware vCenter Site Recovery Manager Administration Guide*.

Troubleshooting and getting help

EMC support, product, and licensing information can be obtained as follows.

Product information: For documentation, release notes, software updates, or for information about EMC products, licensing, and service, go to <https://support.emc.com>.

Technical support: For technical support, go to the EMC Service Center at <https://support.emc.com>. To open a service request, you must have a valid support agreement. Please contact your EMC sales representative for details about obtaining a valid support agreement or to answer any questions about your account.

For more details on configuration and best practices with SRM, refer to the documents available at <https://support.emc.com>.

It is necessary to provide the md5 checksum of the SRA entry point when you send a help request. EMC has calculated this using the following md5sum command in Cygwin:

```
md5sum "<SRM_INSTALLDIR>/storage/sra/EMC VNX  
SRA/command.pl
```

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For the most up-to-date regulatory document for your product line, go to the technical documentation and advisories section on the EMC online support website.