

NetApp® Disaster Recovery SAN Adapter 1.4 for VMware® vCenter Site Recovery Manager **Release Notes**

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Part number: 215-04777_A0
October 2009

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NetApp Disaster Recovery SAN Adapter for VMware vCenter Site Recovery Manager

NetApp Disaster Recovery SAN Adapter is the storage vendor specific plug-in to Site Recovery Manager that enables interaction between Site Recovery Manager and the storage controller.

The SAN adapter interacts with the storage controller on behalf of Site Recovery Manager to discover the storage arrays and replicated datastores, and to fail over or test failover the replicated datastores on which the virtual machines reside. The SAN adapter for VMware Site Recovery Manager supports raw device mapping (RDM) and active/active configuration.

For more information about the new and enhanced features of Site Recovery Manager, see the Site Recovery Manager documentation.

Next topics

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System requirements for using the disaster recovery SAN scripts

Before you run Disaster Recovery SAN Adapter, ensure that you meet the system requirements.

The system requirements include the following:

- Data ONTAP 7.2.2 or later is installed on the following storage systems:
 - FAS200 series
 - FAS20xx
 - FAS30xx
 - FAS31xx
 - FAS60xx
 - V30xx
 - V31xx
 - V60xx

For more information about supported platforms, see the supportability matrix on the NOW site.

- Support for the NearStore option.
- FlexClone license to test failover.

- SnapMirror license is enabled on the storage system running Data ONTAP.
- iSCSI, FC, or both services are running.
- Site Recovery Manager is installed on Windows.
Site Recovery Manager supports VMFS (iSCSI and FC) and RDM (iSCSI and FC) storage environments.
- Perl 5.8 is installed in the system in which Site Recovery Manager is installed.
Note: If the Site Recovery Manager installation does not include Perl 5.8, you can install Perl separately with the default configuration. For more information about downloading Perl, see the Perl download page.
For more information about installing SSL on Perl, see the knowledgebase article on the NOW site.
- If you want to use secureHTTP, you must set up SecureAdmin and ensure that SSL or SSH is running.
By default, the Perl script calls the Data ONTAP API over HTTP.
Note: SecureAdmin does not require a license.
- To keep the corresponding port open, the firewall (if any) between Data ONTAP and Site Recovery Manager must be configured because SOAP, HTTP, or SSL is used.

Related information

[Perl script download page](#)
www.now.netapp.com

Limitations of the disaster recovery SAN scripts

When you use Disaster Recovery SAN Adapter for Site Recovery Manager, LUNs with multiple replication destinations cannot be failed over. Also, SyncMirror replication is not supported.

- LUNs that have multiple replication destinations cannot be failed over.
- The testFailover operation might fail if there is an existing volume with the same name that it tries to create. This step might destroy the existing volume when testFailover cleans up.
- The testFailover operation is not supported on traditional volumes because FlexClone technology is not available for traditional volumes.
- SyncMirror replication between Site Recovery Manager sites (as in MetroCluster) is not supported.
- NFS environment is not supported.

For specific information about recommended configurations and best practices when using different replication modes, see the *Data ONTAP Data Protection Online Backup and Recovery Guide*.