



NetApp SolidFire Storage Replication Adapter (SRA) Release Notes

Version: 2.0

5/3/17

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Introduction

The NetApp SolidFire Storage Replication Adapter (SRA) integrates with the VMware Site Recovery Manager (SRM) to enable communication with replicated SolidFire storage clusters (arrays) and execute supported workflows. The SRA facilitates planned migration and disaster recovery management between protected and recovery sites. Administrators can use the VMware SRM with the NetApp SolidFire SRA to manage and configure replication of virtual machines with datastores hosted on the SolidFire storage clusters.

SolidFire SRA supports the following workflows and actions:

- View all replicated sources and targets configured on the storage arrays from protected and recovery sites.
- Perform planned migration of virtual machines with datastores on the SolidFire cluster from the protected site to the recovery site.
- Perform disaster recovery of virtual machines with datastores on the SolidFire cluster from the protected site to the recovery site.
- Reprotect virtual machines with datastores after failover from the recovery site.
- Create and clean up writable snapshots to simulate a failover and test recovery procedures.
- View SolidFire SRA and SRM message logs.

Support Matrix

The [VMware Compatibility Guide](#) includes information about supported hardware and software, including compatible SolidFire node types, supported protocols, Element OS, and SRM versions.

Installation and Configuration Prerequisites

SRM and vSphere should be installed and configured before installing the SRA. You also need to create and configure the SolidFire cluster pair and replicated volumes on the cluster pairs using the Element OS Web UI.

For complete SRA installation instructions, refer to the user guide.

What's New in this Release

The following new features and improvements are available in the version 2.0 release of the SRA:

- Fibre Channel (new) and iSCSI (existing) support
- Improved Async Mode support
- Element OS version 8.x (Oxygen) and version 9.x (Fluorine) support
- SRM 6.1 and 6.5 support
- Simplified installer and cluster connection UI

Resolved Issues

The following issues have been resolved for the current release.

Ticket #	Description
SRA-12	List of supported array models not up to date.
SRA-13	Uncertainty regarding which SRA permissions required on SolidFire cluster to discover datastores.
SRA-14	SRA is not discovered if SRM is installed to non-default directory and SRA is installed to the default directory.
SRA-75	Illegal volume access group ID error during SRA failback between two clusters.

Known Issues and Workarounds

The following items are known issues that have been identified.

Ticket #	Description	Workaround
SRA-70	Error in SRM when preparing volume for failover.	The problem occurs due to a null attribute value returned for the volume. The following NetApp SolidFire PowerShell Tools command will prevent the issue from recurring: <pre>Get-SFVolume -Name sfvol3 Set-SFVolume - Attributes @{"SRA_DUMMY"="DummyVal"} Get-SFVolume -Name sfvol3 Set-SFVolume - Attributes @{} -Confirm:\$false</pre>

Contacting NetApp SolidFire Active Support

You can contact NetApp SolidFire Active Support if you have any questions or comments about SolidFire documents or products in general.

Visit [NetApp SolidFire Active Support](#) or email ng-SF-Support@netapp.com for help with NetApp SolidFire systems.



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