

Storage Services Connector 1.0 for SAP™

Release Notes

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Contents of Release Notes

Topics covered

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Overview

Overview

Storage Services Connector is a workflow based provisioning, backup, restore, and recovery service. It is designed to help SAP automate tenant setup, backups, and recovery processes as a hosting service. SOAP web service interface is the only supported interface. It does not have CLI or GUI.

The two main components of Storage Services Connector are:

- ◆ Storage Services Connector server
- ◆ Storage Services Connector agent

Storage Services Connector uses Operations Manager and Protection Manager 3.6 as its subsystem application. It uses Operations and Protection Manager in the following way:

- ◆ Storage Services Connector communicates with Protection Manager to coordinate backups and restore of tenants.
- ◆ Storage Services Connector communicates with Operations Manager to maintain storage system credentials.

About this release

Storage Services Connector 1.0 release is specific to Linux platform.

This release includes the following:

- ◆ Software
Download the Storage Services Connector 1.0 from the NOW™ NetApp on the Web™ at <http://now.netapp.com>.
- ◆ Guide
 - ❖ *Administration Guide*
<http://now.netapp.com/NOW/knowledge/docs/docs.shtml>
- ◆ WSDL documentation
Storage Services Connector WSDL documentation is available on Storage Services Connector server at the following location:
[http\(s\)://<hostname>:<port>/csm/documentation/CSM](http(s)://<hostname>:<port>/csm/documentation/CSM)

Features

Storage Services Connector 1.0 has the following features:

- ◆ Backup of tenants
- ◆ Restore of tenants
- ◆ Recovery of tenants
- ◆ Provisioning of tenants
- ◆ Archive log management

Limitation

Removing a tenant volume from its primary storage system does not result in the removal of the tenant's dataset in Protection Manager. In order to remove a tenant, the dataset must be deleted manually by using Protection Manager. Any backups that were made must also be removed manually from the backup storage systems.

Licensing

Storage Services Connector 1.0 is a licensed product. The license is used for NetApp® support.

Following are the additional licenses required:

1. Server license: Operations Manager and Protection Manager
2. Data ONTAP® license: NFS, SnapRestore®, SnapMirror®, FlexClone®, and SnapVault™

System requirements

Storage Services Connector system requirements

This section describes the system requirements for Storage Services Connector 1.0.

Operating system: Storage Services Connector 1.0 supports the following operating system:

- ◆ Storage Services Connector server
 - ❖ SUSE® (64 bit) Linux® 9 on EM64T

Note

The SUSE 9 requirement is because of Operations Manager.

- ❖ Storage Services Connector agent
 - SUSE (64 bit) Linux 9 or SUSE (64 bit) Linux 10.

Database: Storage Services Connector 1.0 supports the following databases:

- ◆ IBM® DB2 Version 9
- ◆ MySQL MaxDB Version 7.7.3

Data ONTAP: Data ONTAP 7.2.2 and later is supported with Storage Services Connector.

Storage protocol: Storage Services Connector 1.0 supports NFS v3 as the storage protocol.

Operations Manager and Protection Manager: Storage Services Connector 1.0 requires Operations Manager 3.6R1D3 and Protection Manager. Protection Manager application is a part of NetApp Management Console.

Finding information on known issues

Finding information on public bugs

In some cases, problems and limitations have a public bug ID assigned to them. Public bugs are not included in these release notes. You can also use Bugs Online to determine if any new issues have been found since this document was published.

Accessing information about bug fixes

Some issues with Storage Services Connector are listed in an online system called Bugs Online. For a list of fixed bugs, access Bugs Online by completing the following steps.

Step	Action
1	Use a Web browser to go to http://now.netapp.com .
2	Log into NOW and click Service and Support.
3	Click the link for Bugs Online & Release Tools.
4	Enter the Bug ID or select Storage Services Connector from Bug Types field and click GO!.

Obtaining Storage Services Connector software

Obtaining the software from NOW

Storage Services Connector: To download the Storage Services Connector 1.0 software from the NOW site, complete the following steps.

Step	Action
1	Log in to the NOW site at http://now.netapp.com .
2	In the fields that appears on the right side of the page, complete the following steps: a. Enter your user name and password. b. From the Select Start Page list box, click Download Software. c. Click the Login button.
3	Go to the Storage Services Connector row of the Software Download table.
4	Select the platform as Linux.
5	Click Go!
6	Follow the prompts to reach the software download page.
7	Download the software file to a local directory.
8	For instructions about extracting and installing this file, refer to the Storage Services Connector <i>Administration Guide</i> .

Operations Manager: Storage Services Connector 1.0 requires Operations Manager 3.6.

Note

The recommended version of Operations Manager is 3.6R1D3.

Refer the Storage Services Connector 1.0 NOW download page for details.

NetApp documentation

Obtaining additional NetApp documentation

NetApp's NOW Web site contains the most current documentation for Storage Services Connector 1.0.

- ◆ The online NOW Description Page for Storage Services Connector on your host operating system
- ◆ The Storage Services Connector *Administration Guide*
- ◆ The Operations Manager *Administration Guide*
- ◆ The Operations Manager *Installation and Upgrade Guide*
- ◆ The Protection Manager *Administration Guide*

