



Veritas Access SDS Management Platform

Quick Start Guide



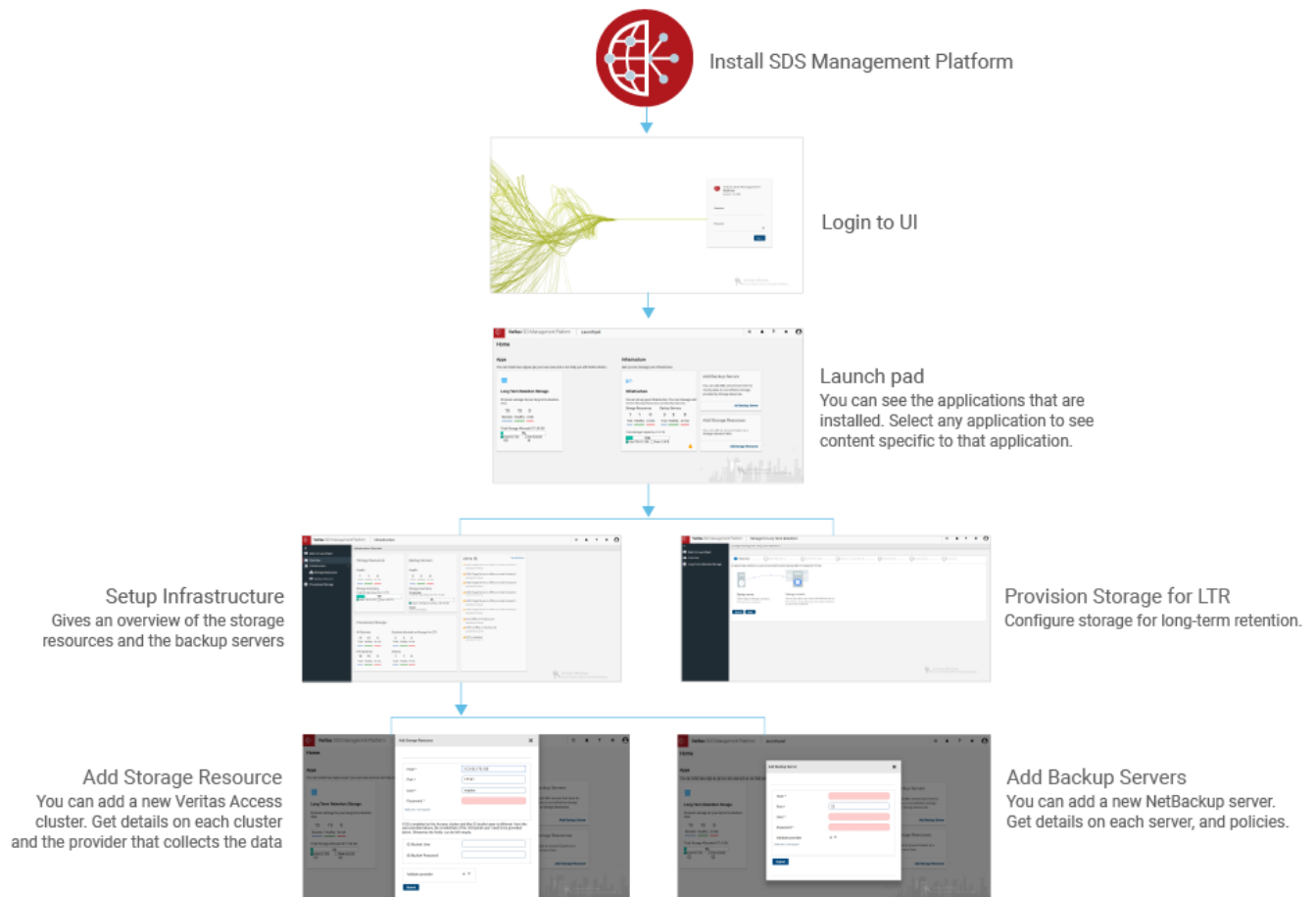
This document describes how to quickly deploy the SDS Management Platform.

Veritas Access

Veritas Access is a software-defined, scale-out network-attached storage (NAS) solution for unstructured data that works on commodity hardware. Veritas Access provides resiliency, multi-protocol access, and data movement to and from the public or private cloud based on policies.

SDS Management Platform

The SDS Management Platform when integrated with Veritas Access provides a platform to integrate data from various sources within an enterprise (not just the data center) which presents a single, integrated view into the whole environment. The SDS Management Platform brings together Veritas Access and Veritas NetBackup in a simple and intuitive platform to address long-term retention and other use cases.





Before you begin

- Supported operating system (OS): RHEL 7.4
- Prerequisite: Java version 1.8.0u152
You can install Java using the `yum install java-1.8.0openjdk` command.
- The SDS Management Platform RPMs are available at `/dvd1-redhatlinux/rhel7_x86_64/fluidops/rpms`.
- Add Veritas Access cluster details to the `/etc/hosts` file of the NetBackup master server.

Deploying the SDS Management Platform

1. Install the core platform rpm.

```
# rpm -Uv VRTSFOPS-platform*.rpm
```
2. Install the bundled applications.

```
# rpm -Uv VRTSFOPS-bundled-sds*.rpm
```
3. Install the SDS module.

```
# rpm -Uv VRTSsds_fops*.rpm
```
4. Check whether all the SDS services are running using the following command:

```
/etc/init.d/sds_fops status  
/etc/init.d/sds-access_fops status
```
5. Start the platform using the following command:

```
/etc/init.d/fops start
```

Note: The applications can be updated without updating the core platform.
6. Check whether all the services are running using the following command:

```
/etc/init.d/fops status
```
7. After you install the SDS Management Platform rpms on any Veritas Access cluster node, you have to open the 50443 port. You can open the port using the following command:

```
iptables -I INPUT 1 -p tcp --dport 50443 -j ACCEPT
```

After installing the SDS Management Platform RPMs, you can verify if the 50443 port is open using the following command:

```
netstat -plnt | grep 50443
```

If the command does not return any output, then you have to reload the systemctl daemon and restart the SDS Management Platform server.

```
systemctl daemon-reload  
systemctl restart fops
```
8. After a few minutes, you can access the platform in a browser using the `https://<host>:50443` URL.
9. The default credentials are:
User: admin
Password: 5D5C+r1!

You can change the password on the User Management page. Go to **Settings > User Management**.



INTERFACE

Once you log on successfully, the SDS Management Platform launchpad is the first interface that appears. The launchpad shows the applications that are installed. When you select a specific application, you can see the content specific to your application. In the current release, the two main applications that are available are the **Infrastructure** application and the **Long Term Retention Storage** application. The **Infrastructure** application gives an overview of the storage resources and the backup servers. The **Long Term Retention Storage** application lets you configure storage for long-term retention.

The screenshot shows the Veritas SDS Management Platform Launchpad. The header includes the Veritas logo, the text 'Veritas SDS Management Platform', and a 'Launchpad' tab. On the right, there are icons for search, refresh, notifications, help, settings, and user profile. The main content area is divided into two columns. The left column is titled 'Home' and 'Apps', with a sub-header 'Long Term Retention Storage'. It displays 'Provision storage for your long term retention data.' and a status bar with '2 Buckets', '2 Healthy', and '0 At risk'. Below this, it shows 'Total Storage Allocated 15.00 GB' and a progress bar indicating '2%' usage, with 'Used 421.08 MB' and 'Free 14.59 GB'. The right column is titled 'Infrastructure' and 'Infrastructure', with a sub-header 'Infrastructure'. It displays 'Here you can manage your infrastructure.' and a status bar with '1 Storage Resources' and '1 Backup Servers'. Below this, it shows 'Total Storage Capacity 4.01 PB' and a progress bar indicating '0%' usage, with 'Used 31.74 GB' and 'Free 4.01 PB'. On the far right, there are two buttons: 'Add Backup Servers' and 'Add Storage Resources', each with a description and a corresponding 'Add' button.

Veritas SDS Management Platform | Launchpad

Home

Apps

You can install new Apps as per your use case and we can help you with better solution.

Long Term Retention Storage

Provision storage for your long term retention data.

2 Buckets 2 Healthy 0 At risk

Total Storage Allocated 15.00 GB

2%
Used 421.08 MB Free 14.59 GB

Infrastructure

Here you can manage your infrastructure.

Infrastructure

You can set up your infrastructure. You can manage and monitor Storage Resources and Backup Servers.

Storage Resources Backup Servers

1 1 0 1 1 0
Total Healthy At risk Total Healthy At risk

Total Storage Capacity 4.01 PB

0%
Used 31.74 GB Free 4.01 PB

Add Backup Servers

You can add NBU servers from here for moving data to cost effective storage provided by Storage Resources.

Add Backup Server

Add Storage Resources

You can add an Access Cluster as a storage resource here.

Add Storage Resource

For more detailed information, see the [Veritas Access SDS Management Platform Solutions Guide](#). You can find the latest version of the product documentation on the [SORT website](#)