



Provisioning storage

Snapdrive for Unix

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Provisioning storage

SnapDrive for UNIX enables you to provision storage and connect to an existing storage system by using command-line options from the host. You can also provision storage using Data ONTAP.

Provisioning volumes

Data ONTAP enables you to provision storage by creating a volume on the storage system and mounting the volume to the host with NFS protocol enabled.

Related information

[Data ONTAP 8.2 Storage Management Guide For 7-Mode](#)

Provisioning RDM LUNs

SnapDrive for UNIX enables you to create and provision RDM LUNs with the FC protocol enabled on a guest operating system in a VMware virtual environment. You can also provision RDM LUNs by using ONTAP.

- NetApp Virtual Storage Console (VSC) must be installed and configured with VMware vCenter™.
- The backup and recovery capability of NetApp Virtual Storage Console for VMware vSphere™ must be installed in the Windows operating system that is registered with vCenter™.
- `default-transport` must be set as `fc` in the `snapdrive.conf` file, and the SnapDrive for UNIX daemon must be restarted.

Steps

1. Configure the guest operating system for creating an RDM LUN:

```
snapdrive config set-viadmin user viadmin_name
```

- `user` is the name of the virtual interface system.
- `viadmin_name` is the name of the IP address of the virtual interface system.

2. Verify the login information for Virtual Storage Console:

```
snapdrive config list
```

This command displays the user name or virtual interface that is specified in SnapDrive for UNIX.

3. Verify that the guest operating system can communicate with the storage system:

```
storage show -all command
```

4. Create an RDM LUN on the storage system:

```
snapdrive storage create -lun long_lun_name -lunsize size_of_the_lun
```

5. Connect the RDM LUN to the host:

```
snapdrive storage connect -lun long_lun_name
```

Related information

[Virtual Storage Console, VASA Provider, and Storage Replication Adapter for VMware vSphere Administration Guide for 7.2 release](#)

[Data ONTAP 8.2 Storage Management Guide For 7-Mode](#)

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