



Limitations

Snapdrive for Unix

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Limitations

When working with SnapDrive for UNIX, you must be aware of certain limitations that might affect your environment.

Generic limitations

- SnapDrive for UNIX requires VMs to use BIOS during boot up for SnapManager for Virtual Infrastructure (SMVI) support. Using the Unified Extensible Firmware Interface (UEFI) is not supported.
- SnapDrive for UNIX does not support MetroCluster configuration in an RDM (Raw Device Mapping) environment in a guest operating system because the MetroCluster configuration is not supported by Virtual Storage Console (VSC).
- SnapDrive for UNIX does not support Snapshot operations on an NFS mount point when the volume is exported with Kerberos security authentication types krb5, krb5i, or krb5p.
- Snapshot operations might be inconsistent if you perform a snap restore operation on a mount point where a different entity other than the one created in the Snapshot copy is mounted.
- SnapDrive for UNIX does not support operations on file specifications or LUNs if they are located across Data ONTAP operating in 7-Mode and clustered Data ONTAP storage systems.
- If you are using clustered DATA ONTAP to configure a storage virtual machine (SVM) with SnapDrive for UNIX, check that the IP address of the SVM's LIF is mapped to the SVM name either in the DNS or in the `/etc/hosts` file.

You must also check that the SVM name is configured in SnapDrive for UNIX by using the `snapdrive config setvsadminVserver name` command.

- SnapDrive for UNIX modifies the mount point permissions from a nonroot user to a root user for a qtree after VBSR operations.
- SnapDrive for UNIX does not support non-English language environments.
- The snap restore operation fails if it is restored from the Snapshot copy that was created before the LUNs were moved to another volume.
- If you are using ONTAP 8.2 or later, the Snapshot operations on a Snapshot copy might fail if a cloning operation that is in progress uses the same Snapshot copy.

You must retry the operation later.

- OnCommand Unified Manager 6.0 or later does not support Protection Manager on clustered Data ONTAP. As a result, the integration between OnCommand Unified Manager 6.0 or later and Snapdrive for UNIX is not supported, and the following SnapDrive for UNIX features are not supported:
 - Role-based access control (RBAC) integration with OnCommand Unified Manager 6.0 or later on ONTAP
 - Protection Manager integration with OnCommand Unified Manager 6.0 or later on ONTAP
- You must assign the aggregates that contain SVM volumes to the SVM's aggregate list to configure the SVM and execute SnapDrive for UNIX operations.
- SnapDrive for UNIX does not support automount, using any type of automount might cause SnapDrive for UNIX operations to fail.

Limitations on Linux

- In a multipath environment, the `snapdrive snap list-v` or `snapdrive snap show-v` operation does not show the development path in a raw LUN, and the `snapdrive storage show-all` operation does not show a raw device and mount point while in case of host LVM not been involved.
- SnapDrive for UNIX does not show the complete alias name if the alias name has the special character "` - `". SnapDrive for UNIX supports only "_" special character in alias name.
- The `snapdrive config prepare luns` command is not supported in the RDM LUN environment.
- The `snapdrive lun fixpaths` command is not supported in a guest operating system.

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