



Hardware and software configuration

Snapdrive for Unix

NetApp
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Hardware and software configuration

Depending on your storage system, you can configure Fibre Channel (FC), Internet Small Computer System Interface (iSCSI), or a Network File System (NFS) configuration that uses NFS directory trees.

FC or iSCSI configuration checks

Although Fibre Channel Protocol (FCP) and Internet Small Computer System Interface (iSCSI) were once distributed as separate utilities, you can find both FCP and iSCSI configuration support available in AIX Host Utilities.

If you have a configuration that uses FC or iSCSI, you must complete the following tasks before you install SnapDrive for UNIX:

- Make sure you have installed AIX Host Utilities on your host system.
- Set up your host and storage systems.

To work with the host, follow the instructions in the documentation that comes with the host utilities to your storage systems. Configurations that include multipathing or Volume Manager software must use the software that is supported by the AIX Host Utilities and SnapDrive for UNIX.



The latest information about SnapDrive for UNIX and its requirements is available in the [Interoperability Matrix](#).

Related information

[NetApp Interoperability](#)

NFS configuration checks

For configurations that use Network File System (NFS), you must check that NFS clients are operating correctly, before you set up your host and storage systems.

If you have a configuration that use NFS, you must complete the following tasks:

- Ensure the NFS clients are operating correctly.

For more information about managing NFS protocols, see the [File Access and Protocols Management Guide for 7-Mode](#) if you are using Data ONTAP 7-Mode; see the [File Access Management Guide for NFS](#) if you are using clustered Data ONTAP.

- Set up your host and storage systems.

To use SnapDrive for UNIX with NFS-mounted directories on the storage systems, you must ensure that the storage system directories are correctly exported to the host. If your host has multiple Internet Protocol (IP) interfaces as well as data and management interfaces to the storage system, then you must ensure that the directory is exported correctly to both the data and management interfaces. SnapDrive for UNIX issues warnings unless all such interfaces have read or write permissions, or in the case of the `snapdrive snap connect` command with the `-readonly` option, at least read-only permissions. The `snapdrive snap`

restore and snapdrive snap connect commands fail if none of those interfaces have permission to access the directory.

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