



# Host preparation for adding LUNs

## Snapdrive for Unix

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# Host preparation for adding LUNs

You need to prepare the host to add LUNs.

## Related information

[Guest OS preparation for installing SnapDrive for UNIX](#)

[VMware VMotion support in SnapDrive for UNIX](#)

## Determining how many LUNs can be created

SnapDrive for UNIX lets you determine how many LUNs can be created on the host without exceeding the limit.

You can use `snapdrive config check luns` command to determine this value.

On a Solaris host, this command scans `/kernel/drv/sd.conf` to determine how many unused entries would be suitable for LUNs.

## Adding host entries for new LUNs

You can create a specific number of new LUNs using SnapDrive for UNIX. SnapDrive for UNIX provides specific commands for this purpose.

Ensure that the host is ready to create specific number of new LUNs. These LUNs reside on a storage system that is mapped to the host.

### Steps

1. `snapdrive config prepare luns -count count [-devicetype shared]`

`-count` is the number of new LUNs for which you want the host to be prepared. `-devicetype shared` option supports on Solaris platform with SFRAC.

`-devicetype` is the type of device used for SnapDrive for UNIX operations. When specified as `-devicetype shared`, the `snapdrive config prepare luns` command runs on all the nodes in the host cluster.



In an SFRAC environment, this command runs on all nodes in the host cluster.

On Solaris, this command adds entries to the file `/kernel/drv/sd.conf`, if necessary, for each potential new LUN that does not have an entry. It also generates an entry for each SCSI target to which the storage system is mapped. On Solaris 8, you must reboot the host after adding `sd.conf` entries. This command displays a warning whenever a reboot is necessary.



If you have manually edited the `/kernel/drv/lpfc.conf` file for persistent bindings, ensure that the FC-bind-WWPN entry is after

```
# BEGIN: LPUTIL-managed Persistent Bindings.
```

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