



Mounting HP-UX host LUNs with file systems after transition

ONTAP 7-Mode Transition

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After transitioning HP-UX host LUNs with file systems from Data ONTAP operating in 7-Mode to clustered Data ONTAP, you must mount the LUNs.

For copy-based transitions, perform these steps after completing the Storage Cutover operation in the 7-Mode Transition Tool (7MTT). Copy-free transitions are not supported for HP-UX hosts.

Steps

1. Discover new clustered Data ONTAP LUNs:

```
ioscan -fnC disk
```

2. Verify that the clustered Data ONTAP LUNs have been discovered:

```
sanlun lun show
```

3. Verify that the `lun-pathname` for the clustered Data ONTAP LUNs is the same as the `lun-pathname` for the 7-Mode LUNs prior to transition.

4. Verify that the output in the `mode` column has changed from 7 to C.

5. Use the `mapfile` file to import the volume group:

```
vgimport -s -v -m /tmp/mapfile.vg01 /dev/vg01"
```

6. Activate the logical volumes:

```
vgchange -a y vg_name
```

7. Convert the legacy Device Special Filename (DSF) to persistent DSF:

```
vgdsf -c /dev/vg01
```

8. Verify that the VG Status is displayed as available:

```
vgdisplay
```

9. Manually mount each of the devices:

```
mount -F vxfs -o largefiles device_name mount_point
```

10. Run the `fsck` command if you are prompted to do so.

11. Verify the mount points:

```
bdf
```

The following example shows how the mount points should be displayed:

```
bash-2.05# bdf
```

Filesystem	kbytes	used	avail	used	Mounted on
/dev/vg01/lvol1	23592960	1050952	22189796	5%	/mnt/qa/vg01
/dev/vg01/lvol2	23592960	588480	22645044	3%	/mnt/qa/vg02

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