



Remounting DMMP devices on Linux hosts after transition

ONTAP 7-Mode Transition

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Remounting DMMP devices on Linux hosts after transition

After transition from ONTAP operating in 7-Mode to clustered Data ONTAP, you must remount your DMMP devices for RHEL 5 and RHEL 6. Your 7-Mode LUNs are not accessible to the host until your DMMP devices are mounted.

If you are doing a copy-free transition (CFT), procedures for vol rehost must be complete. See the [7-Mode Transition Tool Copy-Free Transition Guide](#) for details.

- For copy-based transitions, perform these steps after completing the Storage cutover operation in the 7-Mode Transition Tool (7MTT).
- For CFTs perform these steps after the Import Data & Configuration operation in the 7MTT is complete.

Steps

1. Generate the 7-Mode to ONTAP LUN mapping file:

- For copy-based transitions, run the following command from the Linux host where the 7MTT is installed:

```
transition cbt export lunmap -p project-name -o file_path
```

For example:

```
transition cbt export lunmap -p SanWorkLoad -o c:/Libraires/Documents/7-to-C-LUN-MAPPING.csv
```

- For copy-free transitions, run the following command from the system where the 7MTT is installed:

```
transition cft export lunmap -p project-name -s svm-name -o output-file
```

For example:

```
transition cft export lunmap -p SanWorkLoad -s svml -o c:/Libraries/Documents/7-to-C-LUN-MAPPING-svml.csv
```



You must run this command for each of your storage virtual machines (SVMs).

2. Make a note of the new ONTAP LUN device handle ID from the LUN mapping file.

3. Remove the SCSI devices created for 7-Mode LUNs:

- To remove all of the SCSI devices:

```
rescan-scsi-bus.sh -r
```

- To remove each SCSI device individually:

```
echo 1> /sys/block/SCSI_ID/delete
```

This command must be executed on all 7-Mode LUN SCSI devices. See the SCSI Device ID column on the SAN Host LUNs tab of the *Inventory Assessment Workbook* to identify the SCSI device IDs for the LUNs.

4. Discover new ONTAP LUNs:

```
rescan-scsi-bus.sh
```

5. Verify that the ONTAP LUNs are discovered:

```
sanlun lun show
```

The ONTAP LUN's SCSI devices should be listed under the filename column.

6. Configure DMMP devices for ONTAP LUNs:

```
multipath
```

7. Verify that the DMMP devices are present:

```
multipath -ll LUN_SCSI_device_name
```

In the following example, 3600a098051764937303f4479515a7451 represents the DMMP device handle ID:

```
[root@IBMX3550M3-229-169 ~]#multipath -ll /dev/sdq  
3600a098051764937303f4479515a7451 dm-6 NETAPP,LUN C-Mode
```

8. Mount the LUN:

```
*mount device_name mountpoint
```

If the mount points are defined in the `/etc/fstab` file, you can run the `mount -a` command to mount all of the mount points.

9. Verify the mount points:

```
mount
```

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