



# **Rolling back LUNs to 7-Mode after transition**

## **ONTAP 7-Mode Transition**

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# Rolling back LUNs to 7-Mode after transition

If you are not satisfied with the performance of your clustered Data ONTAP LUNs, you can rollback from clustered Data ONTAP to Data ONTAP operating in 7-Mode for copy-free transitions (CFTs). Rollback is not supported for copy-based transitions (CBTs). Rollback is only supported on certain hosts.

You can rollback from clustered Data ONTAP to Data ONTAP operating in 7-Mode at any point before you click **commit** in the 7-Mode Transition Tool (7MTT). After you click **commit**, you cannot rollback.

The following hosts support rollback:

- Windows
- Red Hat Enterprise Linux (RHEL)
- ESXi

The following hosts do not support rollback:

- HP-UX
- AIX

## Rolling back ONTAP LUNs to 7-Mode LUNs on RHEL hosts

If your ONTAP LUNs are not performing as you expect after transition from Data ONTAP operating in 7-Mode, you can rollback from ONTAP to 7-Mode LUNs on a Red Hat Enterprise Linux (RHEL) 5 or RHEL 6 host.

Your 7-Mode LUNs must be mapped back to your RHEL 5 or RHEL 6 host.

### Steps

1. Discover the 7-Mode LUNs:

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

2. Configure your DMMP devices for 7-Mode LUNs:

```
multipath
```

3. Verify your 7-Mode LUNs:

```
sanlun lun show
```

4. Determine the 7-Mode LUN device handle ID:

```
multipath -ll device_handle_name
```

5. If the host was configured with Logical Volume Manager (LVM), do the following:

- a. Import the volume group:

```
vgimport vg_name
```

- b. Verify the volume group status:

**vgdisplay**

- c. Enable logical volumes:

**vgchange -ay vg\_name**

- d. Verify logical volume status:

**lvdisplay**

The LV Status should be displayed as available.

- e. Mount the logical volumes from the ONTAP LUN to its respective mount point directory:

**mount lv\_name mount\_point**

If the mount points are defined in the `etc/fstab` file, you can also use the `mount -a` command to mount the logical volumes.

- f. Verify the mount points:

**mount**

## Rolling back ONTAP LUNs to 7-Mode LUNs on Windows hosts

If your ONTAP LUNs are not performing as you expect after transition from Data ONTAP operating in 7-Mode, you can rollback from ONTAP to 7-Mode LUNs on a Windows host.

Your 7-Mode LUNs must be remapped to your host.

### Steps

1. Use Hyper-V Manager to shut down all virtual machines (VMs) running on the LUNs.
2. Use Windows Disk Manager to take the LUNs offline.
3. Use Cluster Disk Manager to take the cluster disks offline.
4. Shut down the host.
5. Revert back to Data ONTAP operating in 7-Mode.
6. Boot the host.
7. Use Windows Disk Manager to bring your 7-Mode LUNs online.
8. Use Cluster Disk Manager to bring cluster disks online.
9. Use Hyper-V Manager to bring your VMs online.

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