



Preparing to transition Solaris host data LUNs with ZFS file system

ONTAP 7-Mode Transition

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Before you transition Solaris host LUNs with ZFS file systems from Data ONTAP operating in 7-Mode to clustered Data ONTAP, you must gather information you need for the transition process.

This applies to copy-based transitions and copy-free transitions.

Steps

1. On the 7-Mode controller, identify the name of the LUN to be transitioned:

```
lun show
```

```
fas8040-shu01> lun show
      /vol/ufs/ufs1          5g (5368709120)  (r/w, online,
mapped)
      /vol/ufs/ufs2          5g (5368709120)  (r/w, online,
mapped)
      /vol/zfs/zfs1          6g (6442450944)  (r/w, online,
mapped)
      /vol/zfs/zfs2          6g (6442450944)  (r/w, online,
mapped)
```

2. On the host, locate the SCSI device file name for the LUN:

```
sanlun lun show
```

The SCSI device file name is located in the `device filename` column.

```

# sanlun lun show
controller(7mode)/
host          lun          device
vserver(Cmode)  lun-pathname  filename
adapter  protocol  size  mode
-----
-----
fas8040-shu01      /vol/zfs/zfs2
/dev/rdisk/c0t60A98000383035356C2447384D396550d0s2 scsi_vhci0 FCP
6g          7
fas8040-shu01      /vol/zfs/zfs1
/dev/rdisk/c0t60A98000383035356C2447384D39654Ed0s2 scsi_vhci0 FCP
6g          7
fas8040-shu01      /vol/ufs/ufs2
/dev/rdisk/c0t60A98000383035356C2447384D39654Ad0s2 scsi_vhci0 FCP
5g          7
fas8040-shu01      /vol/ufs/ufs1
/dev/rdisk/c0t60A98000383035356C2447384D396548d0s2 scsi_vhci0 FCP
5g          7

```

3. List the zpool:

```
zpool list
```

4. Record the zpool and get the disks associated with the zpool:

```
zpool status pool-name
```

```

# zpool list
NAME      SIZE  ALLOC   FREE  CAP  HEALTH  ALTROOT
n_pool    11.9G  2.67G   9.27G  22%  ONLINE  -

# zpool status
  pool: n_pool
  state: ONLINE
  scan: none requested
config:

          NAME                                          STATE      READ  WRITE
CKSUM
          n_pool                                       ONLINE      0     0
0          c0t60A98000383035356C2447384D396550d0    ONLINE      0     0
0          c0t60A98000383035356C2447384D39654Ed0    ONLINE      0     0
0

errors: No known data errors

```

5. List and record the ZFS datasets within a ZFS storage pool:

zfs list

```

# zfs list
NAME                USED  AVAIL  REFER  MOUNTPOINT
n_pool              2.67G  9.08G   160K   /n_pool
n_pool/pool1        1.50G  2.50G   1.50G   /n_pool/pool1
n_pool/pool2        1.16G  2.84G   1.16G   /n_pool/pool2

```

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