

# ONTAP\_LoadShare\_Mirroring\_part2

In this lab we will simulate the root volume of the SVM c1\_nfs to become unavailable and promote one of the loadshare destinations to become the new rootvolume

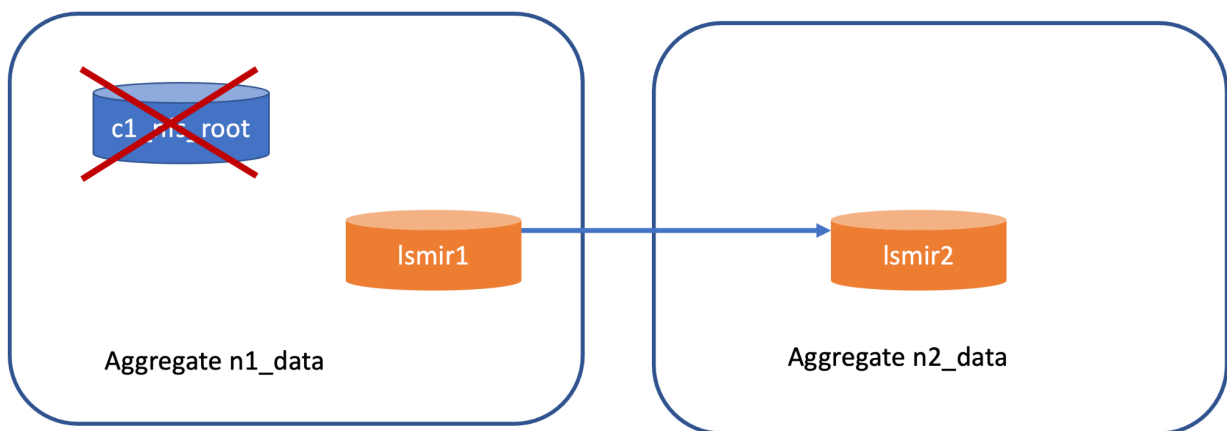
Prerequisites:

The SVM c1\_nfs has a loadshare mirror of the rootvolume setup to two destination volumes

This is what you will do:

1. List the loadshare relationship
2. Offline the rootvolume of SVM c1\_nfs
3. Promote one of the loadshares
4. List the volumes of SVM c1\_nfs
5. List your snapmirror relationships

(see next page for the commands)



Snapmirror Loadshare Relationship  
Promote a destination volume

# Commands

# 1. List the loadshare relationship

```
cluster1::>
```

```
snapmirror show
```

```
cluster1://c1_nfs/c1_nfs_root LS cluster1://c1_nfs/lsmir1 Snapmirrored Idle - true -  
cluster1://c1_nfs/lsmir2 Snapmirrored Idle - true -
```

# 2. Offline the rootvolume of SVM c1\_nfs

```
cluster1::>
```

```
vol offline -vserver c1_nfs -volume c1_nfs_root
```

Warning: Offlining root volume c1\_nfs\_root of Vserver c1\_nfs will make all volumes on that Vserver inaccessible.

Do you want to continue? {y|n}: **y**

Volume "c1\_nfs:c1\_nfs\_root" is now offline.

# 3. Promote one of the loadshares

```
cluster1::>
```

```
snapmirror promote -destination-path c1_nfs:lsmir1
```

# 4. List the volumes of SVM c1\_nfs

```
cluster1::>
```

```
vol show -vserver c1_nfs
```

```
c1_nfs lsmir1 n1_data online RW 20MB 17.58MB 7%  
c1_nfs lsmir2 n2_data online LS 20MB 17.74MB 6%  
c1_nfs playvol n1_data online RW 1GB 972.5MB 0%
```

**Note: See that the original rootvolume was deleted automatically**

# 5. List your snapmirror relationships

```
cluster1::>
```

```
snapmirror show
```

```
cluster1://c1_nfs/lsmir1 LS cluster1://c1_nfs/lsmir2 Snapmirrored Idle - true -
```

**Note: See how *lsmir1* has taken over the function of the original rootvolume**