



# **Redirecting clients to the clustered Data ONTAP primary volume**

## **ONTAP 7-Mode Transition**

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# Redirecting clients to the clustered Data ONTAP primary volume

After the 7-Mode primary volume comes back online, you can transition the 7-Mode primary volume, establish a SnapMirror relationship with the clustered Data ONTAP secondary volume, and redirect client access to the clustered Data ONTAP primary volume.

## Steps

1. Create the SVM peer relationship between the primary and secondary SVMs.
  - a. Use the `cluster peer create` command to create the cluster peer relationship.

```
pri_cluster::> cluster peer create -peer-addr cluster2-d2,
10.98.234.246 -timeout 60
```

Notice: Choose a passphrase of 8 or more characters. To ensure the authenticity of the peering relationship, use a phrase or sequence of characters that would be hard to guess.

```
Enter the passphrase: *****
Confirm the passphrase: *****
```

- b. From the source cluster, use the `vserver peer create` command to create an SVM peer relationship between the clustered Data ONTAP primary volume and clustered Data ONTAP secondary volume.

```
pri_cluster::> vserver peer create -vserver src_vserver -peervserver
src_c_vserver -applications snapmirror -peer-cluster sec_cluster
```

- c. From the destination cluster, use the `vserver peer accept` command to accept the SVM peer request and establish the SVM peer relationship.

```
sec_cluster::> vserver peer accept -vserver dst_vserver -peervserver
src_vserver
```

2. Use the `snapmirror create` command to create a SnapMirror relationship with the clustered Data ONTAP secondary volume as the source and the clustered Data ONTAP primary volume as destination.

```
pri_cluster::> snapmirror create -source-path dst_vserver:dst_c_vol
-destination-path src_vserver:src_c_vol
```

3. From the primary cluster, use the `snapmirror resync` command to resynchronize the clustered Data

ONTAP secondary volume.

```
pri_cluster::> snapmirror resync -source-path dst_vserver:dst_c_vol  
-destination-path src_vserver:src_c_vol
```

You must wait till the resynchronization finishes. The SnapMirror state changes to SnapMirrored when resynchronization is complete.

4. When you are ready to switch over to the clustered Data ONTAP primary volume, disconnect client access from the clustered Data ONTAP secondary volume.
5. From the primary cluster, use the `snapmirror update` command to update the primary volume.

```
pri_cluster::> snapmirror update -destination-path src_vserver:src_c_vol
```

6. From the primary cluster, use the `snapmirror break`` command to break the SnapMirror relationship between the clustered Data ONTAP primary and secondary volumes.

```
pri_cluster::> snapmirror break -destination-path src_vserver:src_c_vol
```

7. Enable client access to the clustered Data ONTAP primary volume.
8. From the primary cluster, use the `snapmirror delete` command to delete the SnapMirror relationship between the clustered Data ONTAP primary and secondary volumes.

```
pri_cluster::> snapmirror delete -destination-path src_vserver:src_c_vol
```

9. From the secondary cluster, use the `snapmirror create` command to create a SnapMirror relationship with the clustered Data ONTAP primary volume as the source and the clustered Data ONTAP secondary volume as destination, with a schedule similar to the previous schedule between the 7-Mode primary volume and clustered Data ONTAP secondary volume.

```
sec_cluster::> snapmirror create -source-path src_vserver:src_c_vol  
-destination-path dst_vserver:dst_c_vol -schedule 15_minute_sched
```

10. From the secondary cluster, use the `snapmirror resync` command to resynchronize the clustered Data ONTAP primary volume.

```
sec_cluster::> snapmirror resync -source-path src_vserver:src_c_vol  
-destination-path dst_vserver:dst_c_vol
```

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