



Powering off an entire MetroCluster FC configuration

ONTAP MetroCluster

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Powering off an entire MetroCluster FC configuration

You must power off the entire MetroCluster FC configuration and all of the equipment before site maintenance or relocation can begin.



Starting with ONTAP 9.8, the **storage switch** command is replaced with **system switch**. The following steps show the **storage switch** command, but if you are running ONTAP 9.8 or later, the **system switch** command is preferred.

1. Verify the MetroCluster configuration from both sites in the MetroCluster configuration.
 - a. Confirm the MetroCluster configuration and that the operational mode is normal.
metrocluster show
 - b. Confirm connectivity to the disks by entering the following command on any one of the MetroCluster nodes:
run local sysconfig -v
 - c. Run the following command:
storage bridge show
 - d. Run the following command:
storage port show
 - e. Run the following command:
storage switch show
 - f. Run the following command:
network port show
 - g. Perform a MetroCluster check:
metrocluster check run
 - h. Display the results of the MetroCluster check:
metrocluster check show
2. Disable AUSO by modifying the AUSO Failure Domain to

auso-disabled

```
cluster_A_site_A::*>metrocluster modify -auto-switchover-failure-domain  
auso-disabled
```

3. Verify the change using the command

metrocluster operation show

```
cluster_A_site_A::*> metrocluster operation show
Operation: modify
State: successful
Start Time: 4/25/2020 20:20:36
End Time: 4/25/2020 20:20:36
Errors: -
```

4. Halt the nodes by using the following command:

**halt * For a four-node or eight-node MetroCluster configuration, use the parameter
*inhibit-takeover**

+

```
system node halt -node node1_SiteA -inhibit-takeover true -ignore-quorum
-warnings true
```

◦ For a two-node MetroCluster configuration, use the command:

```
system node halt -node node1_SiteA -ignore-quorum-warnings true
```

5. Power off the following equipment at the site:

- Storage controllers
- MetroCluster FC switches
- ATTO FibreBridges
- Storage shelves

6. Wait for thirty minutes and then power on all the controllers.

7. After the controllers are powered on, verify the MetroCluster configuration from both sites.

To verify the configuration, repeat step 1.

8. Perform power cycle checks.

a. Verify that all sync-source SVMs are online:

vserver show

b. Start any sync-source SVMs that are not online:

vserver start

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