Powering off an entire MetroCluster IP configuration

ONTAP MetroCluster

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Powering off an entire MetroCluster IP configuration

You must power off the entire MetroCluster IP configuration and all of the equipment before 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 that the MetroCluster configuration and operational mode are normal.
      metrocluster show
   b. Run the following command:
      metrocluster interconnect show
   c. Confirm connectivity to the disks by entering the following command on any one of the MetroCluster nodes:
      run local sysconfig -v
   d. Run the following command:
      storage port show
   e. Run the following command:
      storage switch show
   f. Run the following command:
      network interface show
   g. Run the following command:
      network port show
   h. Run the following command:
      network device-discovery show
   i. Perform a MetroCluster check:
      metrocluster check run
   j. Display the results of the MetroCluster check:
      metrocluster check show
   k. Run the following command:
      metrocluster configuration-settings interface show
2. If necessary, disable AUSO by modifying the AUSO Failure Domain to

   auso-disabled

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

In a MetroCluster IP configuration, the AUSO Failure Domain is already set to 'auso-disabled' unless the configuration is configured with ONTAP Mediator.

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:

   halt

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

5. Power off the following equipment at the site:
   - Storage controllers
   - MetroCluster IP switches
   - 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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