



Verifying the health of the MetroCluster configuration

ONTAP MetroCluster

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You should check the health of the MetroCluster configuration to verify proper operation.

Steps

- 1. Check that the MetroCluster is configured and in normal mode on each cluster:

```
metrocluster show
```

```
cluster_A::> metrocluster show
Cluster                               Entry Name                               State
-----                               -
Local: cluster_A                      Configuration state configured
                                      Mode normal
                                      AUSO Failure Domain auso-on-cluster-disaster
Remote: cluster_B                     Configuration state configured
                                      Mode normal
                                      AUSO Failure Domain auso-on-cluster-disaster
```

- 2. Check that mirroring is enabled on each node:

```
metrocluster node show
```

```
cluster_A::> metrocluster node show
DR                               Configuration  DR
Group Cluster Node              State          Mirroring Mode
-----
1      cluster_A
      node_A_1      configured    enabled    normal
      cluster_B
      node_B_1      configured    enabled    normal
2 entries were displayed.
```

- 3. Check that the MetroCluster components are healthy:

```
metrocluster check run
```

```
cluster_A::> metrocluster check run
```

```
Last Checked On: 10/1/2014 16:03:37
```

| Component | Result |
|--------------------|--------|
| nodes | ok |
| lifs | ok |
| config-replication | ok |
| aggregates | ok |

4 entries were displayed.

Command completed. Use the "metrocluster check show -instance" command or sub-commands in "metrocluster check" directory for detailed results. To check if the nodes are ready to do a switchover or switchback operation, run "metrocluster switchover -simulate" or "metrocluster switchback -simulate", respectively.

4. Check that there are no health alerts:

```
system health alert show
```

5. Simulate a switchover operation:

- a. From any node's prompt, change to the advanced privilege level:

```
set -privilege advanced
```

You need to respond with **y** when prompted to continue into advanced mode and see the advanced mode prompt (*>).

- b. Perform the switchover operation with the -simulate parameter:

```
metrocluster switchover -simulate
```

- c. Return to the admin privilege level:

```
set -privilege admin
```

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