



Verifying the health of the MetroCluster configuration

ONTAP MetroCluster

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You must verify the health and connectivity of the MetroCluster configuration prior to performing the transition

1. Verify the operation of the MetroCluster configuration in ONTAP:

- a. Check whether the system is multipathed: `node run -node node-name sysconfig -a`
- b. Check for any health alerts on both clusters: `system health alert show`
- c. Confirm the MetroCluster configuration and that the operational mode is normal: `metrocluster show`
- d. Perform a MetroCluster check: `metrocluster check run`
- e. Display the results of the MetroCluster check: `metrocluster check show`
- f. Check for any health alerts on the switches (if present): `storage switch show`
- g. Run Config Advisor.

[NetApp Downloads: Config Advisor](#)

- h. After running Config Advisor, review the tool's output and follow the recommendations in the output to address any issues discovered.

2. Verify that the cluster is healthy: `cluster show`

```
cluster_A::> cluster show
Node           Health  Eligibility  Epsilon
-----
node_A_1_FC    true   true        false
node_A_2_FC    true   true        false

cluster_A::>
```

3. Verify that all cluster ports are up: `network port show -ipspace cluster`

```
cluster_A::> network port show -ipspace cluster
```

```
Node: node_A_1_FC
```

Port	IPspace	Broadcast	Domain	Link	MTU	Speed(Mbps) Admin/Oper	Health Status
e0a	Cluster	Cluster		up	9000	auto/10000	healthy
e0b	Cluster	Cluster		up	9000	auto/10000	healthy

```
Node: node_A_2_FC
```

Port	IPspace	Broadcast	Domain	Link	MTU	Speed(Mbps) Admin/Oper	Health Status
e0a	Cluster	Cluster		up	9000	auto/10000	healthy
e0b	Cluster	Cluster		up	9000	auto/10000	healthy

```
4 entries were displayed.
```

```
cluster_A::>
```

4. Verify that all cluster LIFs are up and operational: `network interface show -vserver cluster`

Each cluster LIF should display "true" for "Is Home" and "up/up" for "Status Admin/Oper".

```
cluster_A::> network interface show -vserver cluster
```

	Logical	Status	Network	Current	
Current Is					
Vserver	Interface	Admin/Oper	Address/Mask	Node	Port
Home					
-----	-----	-----	-----	-----	-----
-----	-----				
Cluster					
	node_A-1_FC_clus1				
		up/up	169.254.209.69/16	node_A-1_FC	e0a
true					
	node_A_1_FC_clus2				
		up/up	169.254.49.125/16	node_A_1_FC	e0b
true					
	node_A_2_FC_clus1				
		up/up	169.254.47.194/16	node_A_2_FC	e0a
true					
	node_A_2_FC_clus2				
		up/up	169.254.19.183/16	node_A_2_FC	e0b
true					

4 entries were displayed.

```
cluster_A::>
```

5. Verify that auto-revert is enabled on all cluster LIFs: `network interface show -vserver Cluster -fields auto-revert`

```
cluster_A::> network interface show -vserver Cluster -fields auto-revert
```

	Logical	
Vserver	Interface	Auto-revert
-----	-----	-----
Cluster	node_A_1_FC_clus1	
		true
	node_A_1_FC_clus2	
		true
	node_A_2_FC_clus1	
		true
	node_A_2_FC_clus2	
		true

4 entries were displayed.

```
cluster_A::>
```

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