



Recover from an incorrectly configured cluster LIF

ONTAP System Manager

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A cluster cannot be created when the cluster network is cabled to a switch but not all of the ports configured in the Cluster IPspace can reach the other ports configured in the Cluster IPspace.

About this task

In a switched cluster, if a cluster network interface (LIF) is configured on the wrong port, or if a cluster port is wired into the wrong network, the `cluster create` command can fail with the following error:

```
Not all local cluster ports have reachability to one another.  
Use the "network port reachability show -detail" command for more details.
```

The results of the `network port show` command might show that several ports are added to the Cluster IPspace because they are connected to a port that is configured with a cluster LIF. However, the results of the `network port reachability show -detail` command reveal which ports do not have connectivity to one another.

To recover from a cluster LIF configured on a port that is not reachable to the other ports configured with cluster LIFs, perform the following steps:

Steps

1. Reset the home port of the cluster LIF to the correct port:

```
net port modify -home-port
```

2. Remove the ports that do not have cluster LIFs configured on them from the cluster broadcast domain:

```
net port broadcast-domain remove-ports
```

3. Create the cluster:

```
cluster create
```

Result

When you complete the cluster creation, the system detects the correct configuration and places the ports into the correct broadcast domains.

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