



Configuring the IP switches (MetroCluster IP configurations)

ONTAP MetroCluster

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You must configure any IP switches that were replaced.

About this task

This task applies to MetroCluster IP configurations only.

This must be done on both switches. Verify after configuring the first switch that storage access on the surviving site is not impacted.



You must not proceed with the second switch if storage access on the surviving site is impacted.

Steps

1. Refer to [MetroCluster IP installation and configuration](#) for procedures for cabling and configuring a replacement switch.

You can use the procedures in the following sections:

- Cabling the IP switches
 - Configuring the IP switches
2. If the ISLs were disabled at the surviving site, enable the ISLs and verify that the ISLs are online.
 - a. Enable the ISL interfaces on the first switch:

```
no shutdown
```

The following examples show the commands for a Broadcom IP switch or a Cisco IP switch.

Switch vendor	Commands
Broadcom	<pre>(IP_Switch_A_1)> enable (IP_switch_A_1)# configure (IP_switch_A_1)(Config)# interface 0/13-0/16 (IP_switch_A_1)(Interface 0/13-0/16)# no shutdown (IP_switch_A_1)(Interface 0/13-0/16)# exit (IP_switch_A_1)(Config)# exit</pre>

Cisco	<pre> IP_switch_A_1# conf t IP_switch_A_1(config)# int eth1/15-eth1/20 IP_switch_A_1(config)# no shutdown IP_switch_A_1(config)# copy running startup IP_switch_A_1(config)# show interface brief </pre>
-------	--

b. Enable the ISL interfaces on the partner switch:

```
no shutdown
```

The following examples show the commands for a Broadcom IP switch or a Cisco IP switch.

Switch vendor	Commands
Broadcom	<pre> (IP_Switch_A_2)> enable (IP_switch_A_2)# configure (IP_switch_A_2) (Config)# interface 0/13-0/16 (IP_switch_A_2) (Interface 0/13- 0/16)# no shutdown (IP_switch_A_2) (Interface 0/13- 0/16)# exit (IP_switch_A_2) (Config)# exit </pre>
Cisco	<pre> IP_switch_A_2# conf t IP_switch_A_2(config)# int eth1/15-eth1/20 IP_switch_A_2(config)# no shutdown IP_switch_A_2(config)# copy running startup IP_switch_A_2(config)# show interface brief </pre>

c. Verify that the interfaces are enabled:

```
show interface brief
```

The following example shows the output for a Cisco switch.

```
IP_switch_A_2(config)# show interface brief

-----
Port VRF Status IP Address Speed MTU
-----
mt0 -- up 10.10.99.10 100 1500
-----

Ethernet      VLAN Type Mode      Status Reason Speed   Port
Interface                                           Ch
#
-----
.
.
.
Eth1/15      10  eth  access  up       none   40G(D)  --
Eth1/16      10  eth  access  up       none   40G(D)  --
Eth1/17      10  eth  access  down     none   auto(D)  --
Eth1/18      10  eth  access  down     none   auto(D)  --
Eth1/19      10  eth  access  down     none   auto(D)  --
Eth1/20      10  eth  access  down     none   auto(D)  --
.
.
.
IP_switch_A_2#
```

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