



Example of cabling storage array ports to FC switches in a two-node MetroCluster configuration

ONTAP MetroCluster

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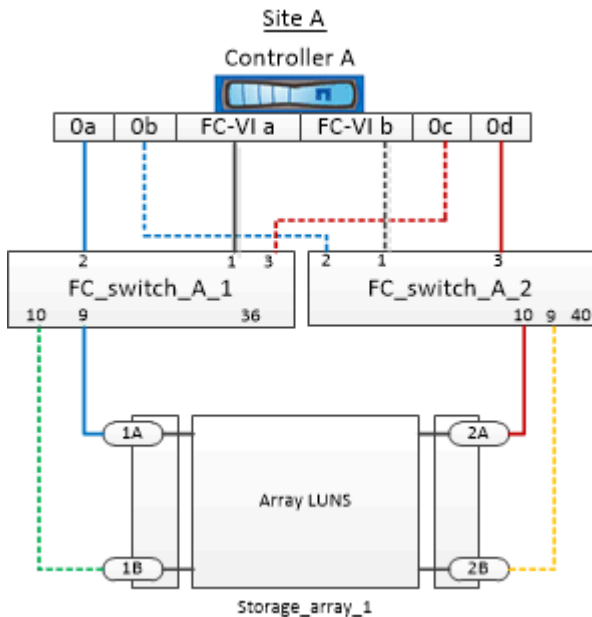
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Example of cabling storage array ports to FC switches in a two-node MetroCluster configuration

In a MetroCluster configuration with array LUNs, you must connect the storage array ports that form a redundant port pair to alternate FC switches.

The following illustration shows the connections between storage arrays and FC switches in a two-node fabric-attached MetroCluster configuration with array LUNs:



The connections between storage array ports and FC switch ports are similar for both stretch and fabric-attached variants of two-node MetroCluster configurations with array LUNs.



If you plan to use disks in addition to array LUNs in your MetroCluster configuration, you must use the switch ports specified for the configuration with disks.

Port assignments for FC switches when using ONTAP 9.1 and later

In the illustration, the redundant array port pairs for both the sites are as follows:

- Storage array at Site A:
 - Ports 1A and 2A
 - Ports 1B and 2B
- Storage array at Site B:
 - Ports 1A' and 2A'
 - Ports 1B' and 2B'

FC_switch_A_1 at Site A and FC_switch_B_1 at Site B are connected to form fabric_1. Similarly, FC_switch_A_2 at Site A and FC_switch_B_2 are connected to form fabric_2.

The following table lists the connections between the storage array ports and the FC switches for the example MetroCluster illustration:

Array LUN ports	FC switch ports	Switch fabrics
Site A		
1A	FC_switch_A_1, Port 9	fabric_1
2A	FC_switch_A_2, Port 10	fabric_2
1B	FC_switch_A_1, Port 10	fabric_1
2B	FC_switch_A_2, Port 9	fabric_2
Site B		
1A'	FC_switch_B_1, Port 9	fabric_1
2A'	FC_switch_B_2, Port 10	fabric_2
1B'	FC_switch_B_1, Port 10	fabric_1
2B'	FC_switch_B_2, Port 9	fabric_2

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