



Cabling the new MetroCluster controllers to the existing FC fabrics

ONTAP MetroCluster

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August 12, 2021

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On each controller in the clustered ONTAP MetroCluster configuration, the FC-VI adapter and HBAs must be cabled to specific ports on the existing FC switches.

Steps

1. Cable the FC-VI and HBA ports according to the following table:

Site A		Site B	
Connect this Site A component and port...	FC_switch_A_1 port...	Connect this Site B component and port...	FC_switch_B_1 port...
controller_A_1 FC-VI port 1	32	controller_B_1 FC-VI port 1	32
controller_A_1 HBA port 1	33	controller_B_1 HBA port 1	33
controller_A_1 HBA port 2	34	controller_B_1 HBA port 2	34
controller_A_2 FC-VI port 1	35	controller_B_2 FC-VI port 1	35
controller_A_2 HBA 1	36	controller_B_2 HBA 1	36
controller_A_2 HBA 2	37	controller_B_2 HBA 2	37

2. Cable each FC-SAS bridge in the first switch fabric to the FC switches.

The number of bridges varies depending on the number of SAS storage stacks.

Site A		Site B	
Cable this site A bridge...	FC_switch_A_1 port...	Cable this Site B bridge...	FC_switch_B_1 port...
bridge_A_1_38	38	bridge_B_1_38	38
bridge_A_1_39	39	bridge_B_1_39	39

3. Cable each bridge in the second switch fabric to the FC switches.

The number of bridges varies depending on the number of SAS storage stacks.

Site A	Site B
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Cable this site A bridge...	FC_switch_A_2 port...	Cable this Site B bridge...	FC_switch_B_2 port...
bridge_A_2_38	38	bridge_B_2_38	38
bridge_A_2_39	39	bridge_B_2_39	39

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