



Controller-to-stack cabling worksheets and cabling examples for common AFF A200, AFF A220, FAS2600 series and FAS2700 configurations - shelves with IOM12 modules

ONTAP Systems

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Controller-to-stack cabling worksheets and cabling examples for common AFF A200, AFF A220, FAS2600 series and FAS2700 configurations - shelves with IOM12 modules

You can use the completed controller-to-stack cabling worksheets and cabling examples to cable common AFF A200, AFF A220, FAS2600 series and FAS2700 configurations.

- If needed, you can refer to [SAS cabling rules](#) for information about supported configurations, shelf-to-shelf connectivity, and controller-to-shelf connectivity (including AFF A200, AFF A220, FAS2600 series and FAS2700 port 0b same domain connectivity).
- Cabling examples show controller-to-stack cables as solid or dashed to distinguish controller 0b port connections from controller 0a port connections.

AFF A200, AFF A220, FAS2600, and FAS2700 Series Controller-to-Stack Cable Type Key	
Cable Type	Description
	<ul style="list-style-type: none">▪ Connects controller 0b port to the logical last disk shelf in the stack▪ The primary path from a controller to the stackThe internal storage connection
	<ul style="list-style-type: none">▪ Connects controller 0a port to the logical first disk shelf in the stack▪ The secondary path from a controller to the stackThe internal HBA connection

- Cabling examples show controller-to-stack connections and shelf-to-shelf connections in two different colors to distinguish connectivity through IOM A (domain A) and IOM B (domain B).

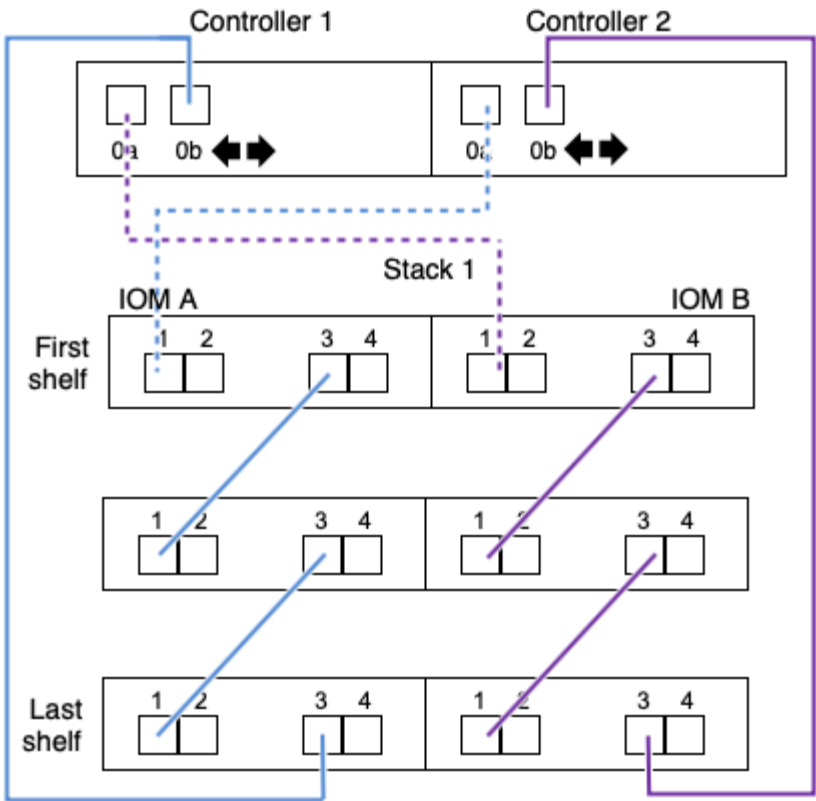
AFF A200, AFF A220, FAS2600, and FAS2700 Series Cable Color Key		
Cable Color		Connects...
	Light blue	IOM A (domain A)
	Purple	IOM B (domain B)

AFF A200, AFF A220, FAS2600 series and FAS2700 multipath HA configuration with one multi-shelf stack

The following worksheet and cabling example uses port pair 0a/0b:

Controller-to-Stack Cabling Worksheet (AFF A200, AFF A220, FAS2600, and FAS2700 Series)										
Controller SAS ports	Controllers	Cable to disk shelf IOMs			Stacks					
					1	2	3	4	5	6
		Shelf	IOM	Port		Port pairs				
A and C	1	First	B	1	0a					
	2	First	A	1						
B and D	1	Last	A	3	0b					
	2	Last	B	3						

AFF A200, AFF A220, FAS2600, and FAS2700 series
multipath HA configuration



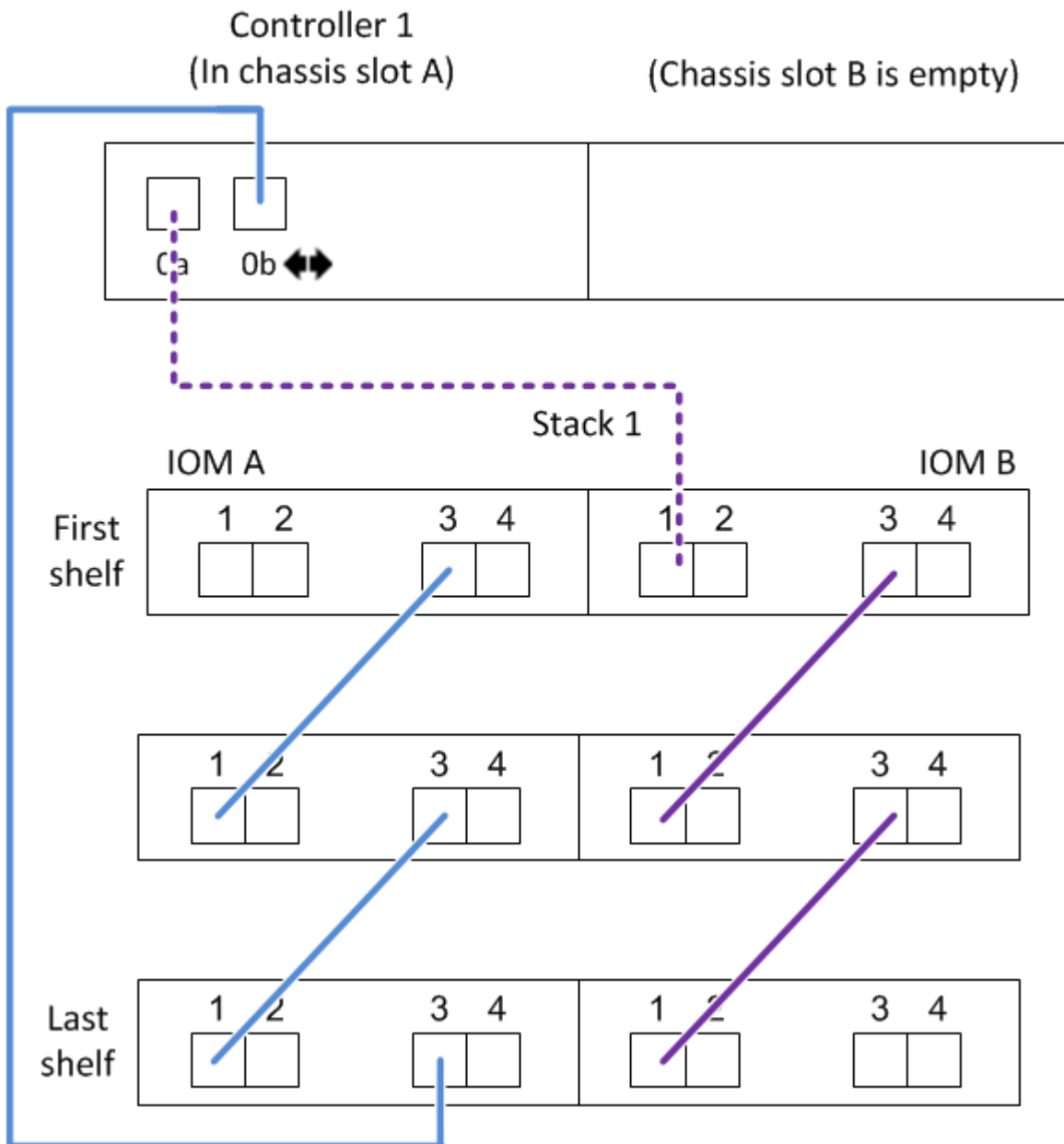
FAS2600 series multipath configuration with one multi-shelf stack

The following worksheets and cabling examples use port pair 0a/0b.

In this example, the controller is installed in slot A of the chassis. When a controller is located in slot A of the chassis, its internal storage port (0b) is in domain A (IOM A); therefore, port 0b must connect to domain A (IOM A) in the stack.

Controller-to-Stack Cabling Worksheet (FAS2600 series)										
Controller SAS ports	Controllers	Cable to disk shelf IOMs			Stacks					
					1	2	3	4	5	6
		Shelf	IOM	Port	Port pairs					
A and C	1	First	B	1	0a					
	2	First	A	1						
B and D	1	Last	A	3	0b					
	2	Last	B	3						

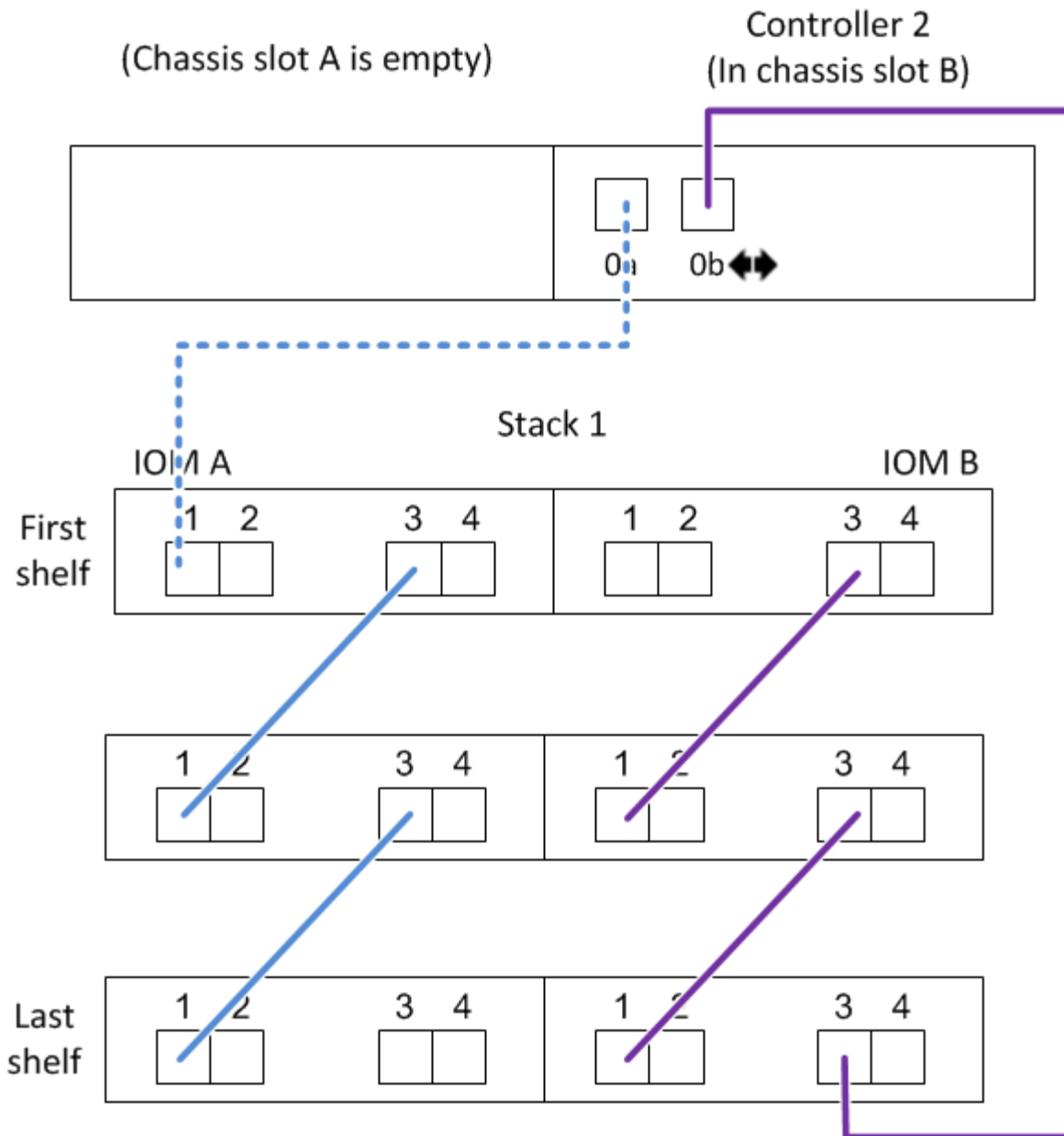
FAS2600 series multipath configuration



In this example, the controller is installed in slot B of the chassis. When a controller is located in slot B of the chassis, its internal storage port (0b) is in domain B (IOM B); therefore, port 0b must connect to domain B (IOM B) in the stack.

Controller-to-Stack Cabling Worksheet (FAS2600 series)										
Controller SAS ports	Controllers	Cable to disk shelf IOMs			Stacks					
					1	2	3	4	5	6
		Shelf	IOM	Port	Port pairs					
A and C	1	First	B	1	0a					
	2	First	A	1						
B and D	1	Last	A	3	0b					
	2	Last	B	3						

FAS2600 series multipath configuration



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