Cabling a FibreBridge 7600N or 7500N bridge with shelves using IOM6 or IOM3 modules

ONTAP MetroCluster

Ivana Devine, John Tures, Martin Houser
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Table of Contents

Cabling a FibreBridge 7600N or 7500N bridge with shelves using IOM6 or IOM3 modules 1

Cabling a FibreBridge 7600N or 7500N bridge with shelves using IOM6 or IOM3 modules

After configuring the bridge, you can start cabling the system. The FibreBridge 7600N or 7500N bridge uses mini-SAS connectors and supports shelves that use IOM6 or IOM3 modules.

IOM3 modules are not supported with FibreBridge 7600N bridges.

For disk shelves, you insert a SAS cable connector with the pull tab oriented down (on the underside of the connector).

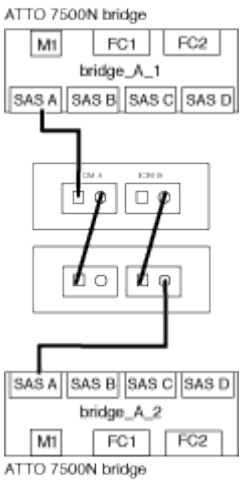
Steps

1. Daisy-chain the shelves in each stack.
   a. For the first stack of shelves, cable IOM A square port of the first shelf to SAS port A on FibreBridge A.
   b. For the first stack of shelves, cable IOM B circle port of the last shelf to SAS port A on FibreBridge B.

      The *Installation and Service Guide* for your shelf model provides detailed information about daisy-chaining shelves.

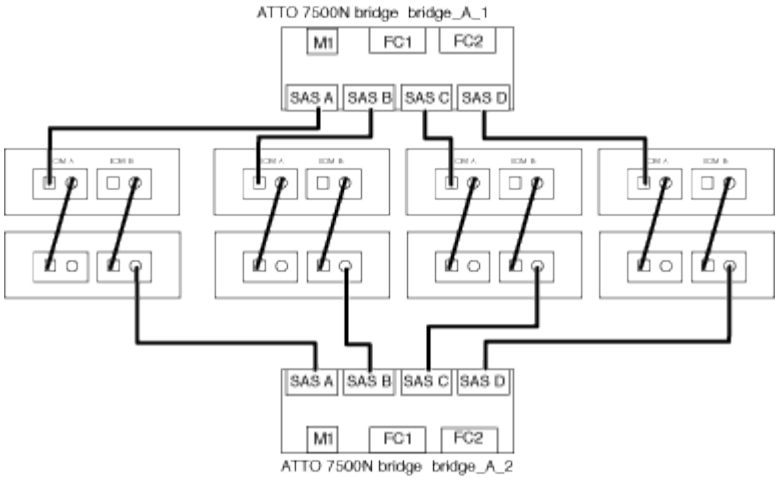
      SAS Disk Shelves Installation and Service Guide for DS4243, DS2246, DS4486, and DS4246

      The following illustration shows a set of bridges cabled to a stack of shelves:



2. For additional shelf stacks, repeat the previous steps using the next available SAS port on the FibreBridge bridges. Use port B for a second stack, port C for a third stack, and port D for a fourth stack.

   The following illustration shows four stacks connected to a pair of FibreBridge 7600N or 7500N bridges.


ATTO 7500N bridge bridge_A_1
M1
FC1
FC2
SAS A
SAS B
SAS C
SAS D
SAS A
SAS B
SAS C
SAS D
M1
FC1
FC2
ATTO 7500N bridge bridge_A_2

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