

FC7, FC8, and FC9 Downward Compatibility

Compatible systems

Fibre Channel StorageShelf FC7, FC8, and FC9 disk shelves are compatible with NetApp® F800 series filers, C3100 and C6100 NetCache™ appliances, and the FAS940 and FAS960.

The FAS980 supports only the FC9 disk shelf because the FC7 and FC8 disk shelves do not support the use of the media interface adapter (MIA).

For more information about supported disk shelves, see the System Configuration Guide at <http://now.netapp.com>.

Required software

The following table lists the required software for each storage appliance.

Hardware	Software revision
F880	Data ONTAP™ 6.1.1 software or later
F820	Data ONTAP 6.0.1 or later
F825	Data ONTAP 6.3 or later
F810	Data ONTAP 5.3.6H1 or later
FAS940 and FAS960	Data ONTAP 6.3 or later
FAS980	Data ONTAP 6.5 or later
C3100/C6100	NetCache 5.1 or later

If you need to upgrade your software to the appropriate release, follow the instructions on the NetApp on the Web (NOW) site at <http://now.netapp.com>.

Required hardware for the FAS900 appliance

Connecting to the FC7 and FC8 disk shelves: The FAS940 and FAS960 support the single-port copper FC-AL adapter, which you need to connect to both the FC7 and FC8 disk shelves.

Note

The single copper FC-AL adapter has different slot assignments depending on your appliance model. For more information about slot assignments, see the *System Configuration Guide* at <http://now.netapp.com>.

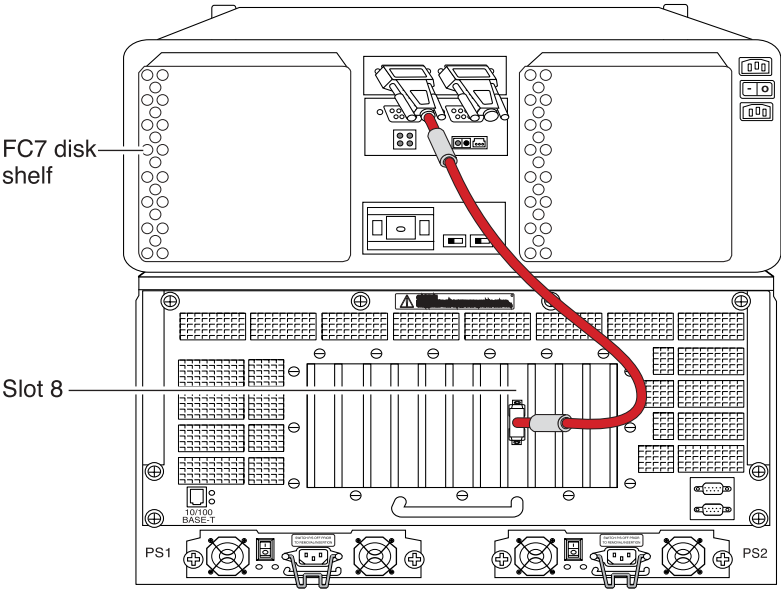
Connecting to the FC9 disk shelves: The FAS900 series appliance uses a dual-port, optical Fibre Channel adapter. Because the FC9 disk shelf has copper LRCs, you must use an MIA to connect the disk shelf to the FAS900 series appliance.

Installing your disk shelves

For more information about installing and connecting disk shelves, see the appropriate Fibre Channel disk shelf guide.

Connecting to an F800 series filer or C3100/C6100 NetCache appliance

To connect an F800 series filer or C3100/C6100 NetCache appliance to an FC7, FC8, or FC9 disk shelf, complete the following steps, using the illustration for reference.

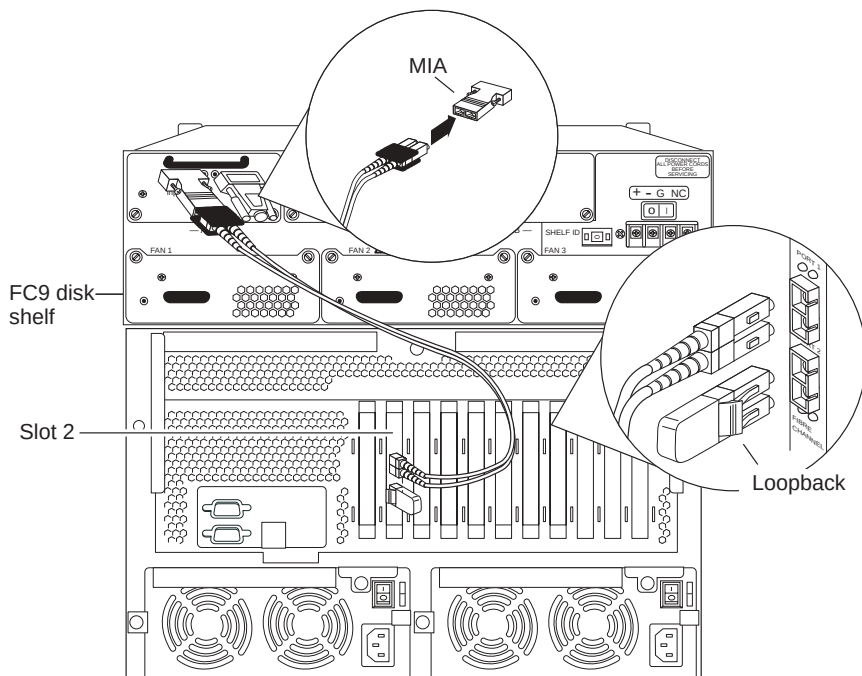


Step	Action
1	Turn off the storage appliance and disk shelves.
2	If you have a mixed-shelf loop that includes FC7 disk shelves, connect the FC7 disk shelves to the storage appliance first, and then cable your FC8 or FC9 disk shelves to the FC7 disk shelves.

Step	Action
3	Connect the filer-to-shelf cable to the single copper FC-AL adapter on the storage appliance, and then to the LRC Input connector on disk shelf 0 and tighten the locking screws.
4	Make sure that the disk shelf ID is correct. If the disk shelf ID is incorrect, set the disk shelf ID.
5	Connect each power supply cord on the disk shelf and storage appliance to a separate AC circuit breaker.
6	Turn on the power to the disk shelves first, then to the storage appliance, and then boot the storage appliance.

Connecting to a FAS900 series appliance

To connect a FAS900 series appliance to an FC9 disk shelf, complete the following steps, using the illustration for reference.



Step	Action
1	Turn off the storage appliance and disk shelves.
2	Depending on the disk shelf models in your loop, use the following rules to determine the order of disk shelves: ◆ If you have a mixed-shelf loop that includes FC7 disk shelves, connect the FC7 disk shelves to the storage appliance first, and then cable your FC8 or FC9 disk shelves to the FC7 disk shelves. ◆ If you have a mixed-shelf loop with FC9 and DS14 series disk shelves, connect the FC9 disk shelves to the storage appliance first, and then cable your DS14 disk shelves to the FC9 disk shelves.

Step	Action
3	Connect the optical cable into Port 0 of the FC-AL adapter in the appropriate slot.
4	Connect the MIA to the Channel A LRC Output connector of the first disk shelf in the loop, and then connect the optical cable to the LRC Input connector. Note _____ If you have a mixed-shelf loop with FC9 and DS14 disk shelves, connect the FC9 disk shelves to the storage appliance first, and then cable the rest of the disk shelves to the FC9 disk shelves.
5	Cable the rest of the disk shelves to each other, making sure that all cables are securely installed, as described in the appropriate disk shelf guide.
6	Adjust any disk shelf IDs as needed.
7	Connect each power supply cord on the disk shelf and storage appliance to a separate AC circuit breaker.
8	Turn on the power to the disk shelves first, and then to the storage appliance, and then boot the storage appliance.

