



Product Bulletin:

Cisco MDS 8G FC Module Support

Revision History

December 1, 2008 - Initial version

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This product bulletin informs NetApp sales and NetApp partners about new or changed NetApp® products or services.

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1. Summary

This product bulletin announces support for 24-port, 48-port, and 4/44-port 8G Fibre Channel line cards for the Cisco MDS 9500 Director-level chassis.

Three types of 8G modules will be supported in the Cisco MDS 9500 series chassis:

- 24-port 8G Fibre Channel module
- 48-port 8G Fibre Channel module
- 4/44-port 8G Fibre Channel module (also supported in the Cisco MDS 9222i chassis)

These new modules will be supported on all Cisco MDS Director-level chassis: Cisco MDS 9506, 9509, and 9513. The 4/44-port Fibre Channel module is also supported on the Cisco MDS 9222i chassis.

In addition, the 8G bandwidth upgrade also requires a new Fabric Manager in the Cisco MDS 9513:

- MDS 9513 Crossbar Switching Fabric2 Module
- MDS 9513 Base Config with the new Fabric2 Manager

Note: To support the higher speed 8G port modules on the Cisco MDS 9513, the Fabric Module must be upgraded to the new Fabric2 Module. The new 8G-capable line cards support either the existing 4G SFPs or the new 8G SW SFPs (X-DS-SFP-FC8G-SW).

2. What's New?

The Cisco MDS 9500 Directors now support 8G FC modules. The Cisco MDS 9500 Directors will continue to support the 4G modules. Also, the new 8G FC modules can be used with 4G or 8G SFPs for the ultimate in

flexibility and future proofing.

3. Sales Tools (Sales Guides, Training Presentations, SE Presentations)

N/A

4. Customer-Ready Tools (Customer Presentations, Datasheets)

N/A

5. System Requirements

Supported Platforms

The latest Cisco support statements can be found at the NetApp Fibre Channel Switch Support Matrix:

[Support Matrix](#)

6. Product Information

The following table shows six different purchasing options for the three Cisco 8G FC modules supported on the Cisco MDS 9500 Director series. Partners should contact their channel representative for pricing information.

Part Number	Description	Discount Category Code
X-DS-X9224-96K9-R5-C	Cisco 24-Port Performance 8G FC Module,-C, R5	B
X-DS-X9224-96K9-R5	Cisco 24-Port Performance 8G FC Module,R5	B
X-DS-X9248-48K9-R5-C	Cisco MDS 95XX 4/44-Port 8G FC Module,-C, R5	B
X-DS-X9248-48K9-R5	Cisco MDS 95XX 4/44-Port 8G FC Module,R5	B
X-DS-X9248-96K9-R5-C	Cisco 48-Port Performance 8G FC Module,-C, R5	B
X-DS-X9248-96K9-R5	Cisco 48-Port Performance 8G FC Module, R5	B

New Fabric 2 Module and 8G SFP Support

In order to support a Cisco MDS 9513 with the new 8G modules, the Fabric Module must be upgraded to a Fabric2 Module.

The following table lists the new Fabric2 Module, Base Config and 8G SFP+ module part numbers.

Part Number	Description	Discount Category Code
X-DS-13SLT-FAB2-R5	Cisco MDS 9513,Fab2 Module,R5	B
X-DS-C9513-3K9	Cisco MDS 9513 Base Config: 2 Sup-2, 2 Fabric3, 2 6K P/S	B

Product Availability

The new Cisco 24-port, 48-port, and 4/44-port 8G blades, new Fabric2 Module, new chassis Base Config, and associated 8G SFP+ modules will be available in the December 8 release of the Quote Tool.

All of these new products are available for sale today.

7. Regulatory Compliance

Meets all defined NetApp EMI and RoHS compliance requirements.

8. Warranty and Service

The Cisco 8G modules have a 1-year limited hardware warranty. The warranty includes hardware replacement with a 10-day turnaround from Cisco on receipt of a return materials authorization (RMA). Each purchase of a new 8G-capable line card also requires a 3-year SmartNet service contract.

Note: NetApp should prevent selling of 8G Line Cards and modules into existing non *NetApp sold* MDS 9500 and 9222i switches because doing so may void the customer's service agreement with the other service provider. The customer should check with the service provider of the non NetApp sold switch.

Part Number	Description	Discount Category Code
SVCVN-CON-OS-2496K	Cisco HW Svc,24-Port 8G FC,Onsite 8x5xNBD	C
SVCVN-CON-OS-4848K	Cisco HW Svc,95XX 4/44 8G FC,Onsite 8x5xNBD	C
SVCVN-CON-OS-4896K	Cisco HW Svc,48-Port 8G FC,Onsite 8x5xNBD	C
SVCVN-CON-OS-2496K	Cisco HW Svc,24-Port 8G FC,Onsite 8x5x4hr	C
SVCVN-CON-OS-4848K	Cisco HW Svc,95XX 4/44 8G FC,Onsite 8x5x4hr	C
SVCVN-CON-OS-4896K	Cisco HW Svc,48-Port 8G FC,Onsite 8x5x4hr	C
SVCVN-CON-OSP-2496K	Cisco HW Svc,24-Port 8G FC,Onsite 24x7x4hr	C
SVCVN-CON-OSP-4848K	Cisco HW Svc,95XX 4/44 8G FC,Onsite 24x7x4hr	C
SVCVN-CON-OSP-4896K	Cisco HW Svc,48-Port 8G FC,Onsite 24x7x4hr	C
SVCVN-CON-PREM-2496K	Cisco HW Svc,24-Port 8G FC,Onsite 24x7x2hr	C
SVCVN-CON-PREM-4848K	Cisco HW Svc,95XX 4/44 8G FC,Onsite 24x7x2hr	C
SVCVN-CON-PREM-4896K	Cisco HW Svc,48-Port 8G FC,Onsite 24x7x2hr	C
SVCVN-CON-S2P-2496K	Cisco HW Svc,24-Port 8G FC,AR 24x7x2hr	C
SVCVN-CON-S2P-4848K	Cisco HW Svc,95XX 4/44 8G FC,AR 24x7x2hr	C

SVCVN-CON-S2P-4896K	Cisco HW Svc,48-Port 8G FC,AR 24x7x2hr	C
SVCVN-CON-SNT-2496K	Cisco HW Svc,24-Port 8G FC,AR 8x5xNBD	C
SVCVN-CON-SNT-4848K	Cisco HW Svc,95XX 4/44 8G FC,AR 8x5xNBD	C
SVCVN-CON-SNT-4896K	Cisco HW Svc,48-Port 8G FC,AR 8x5xNBD	C
SVCVN-CON-SNTE-2496K	Cisco HW Svc,24-Port 8G FC,AR 8x5x4hr	C
SVCVN-CON-SNTE-4848K	Cisco HW Svc,95XX 4/44 8G FC,AR 8x5x4hr	C
SVCVN-CON-SNTE-4896K	Cisco HW Svc,48-Port 8G FC,AR 8x5x4hr	C
SVCVN-CON-SNTP-2496K	Cisco HW Svc,24-Port 8G FC,AR 24x7x4hr	C
SVCVN-CON-SNTP-4848K	Cisco HW Svc,95XX 4/44 8G FC,AR 24x7x4hr	C
SVCVN-CON-SNTP-4896K	Cisco HW Svc,48-Port 8G FC,AR 24x7x4hr	C
SVCVN-CON-OS-C9513	Cisco HW Svc,DS C9513 3K9,Onsite 8x5xNBD	C
SVCVN-CON-OSE-C9513	Cisco HW Svc,DS C9513 3K9,Onsite 8x5x4hr	C
SVCVN-CON-OSP-C9513	Cisco HW Svc,DS C9513 3K9,Onsite 24x7x4hr	C
SVCVN-CON-PREM-C9513	Cisco HW Svc,DS C9513 3K9,Onsite 24x7x2hr	C
SVCVN-CON-S2P-C9513	Cisco HW Svc,DS C9513 3K9,AR 24x7x2hr	C
SVCVN-CON-SNT-C9513	Cisco HW Svc,DS C9513 3K9,AR 8x5xNBD	C
SVCVN-CON-SNTE-C9513	Cisco HW Svc,DS C9513 3K9,AR 8x5x4hr	C
SVCVN-CON-SNTP-C9513	Cisco HW Svc,DS C9513 3K9,AR 24x7x4hr	C

9. Additional Information

Contact Information: Please contact your NetApp sales or channel partner representative with questions concerning this bulletin.

