

New and Changed Information

The *Cisco MDS 9216 Switch Hardware Installation Guide* applies to all Cisco MDS SAN-OS releases.

Table 1 lists the new and changed features available with each supported Cisco MDS SAN-OS release for the Cisco MDS 9216 Switch.

Table 1 Features for the Cisco MDS 9216 Switch Hardware Installation Guide

Feature	Description	Changed in Release	Where Documented
Gigabit Ethernet SFP transceiver	Added the Gigabit Ethernet SFP transceiver	Not release specific	Supported SFP Transceivers, page 1-24 SFP Transceiver Specifications, page D-6
32-port Fibre Channel Storage Services Module (SSM)	Added 32-port Fibre Channel Storage Services Module (SSM).	2.0(2b)	32-Port Fibre Channel Storage Services Module, page 1-17
14/2-Port Multiprotocol Services (MPS-14/2) module	Added 14/2-Port Multiprotocol Services module.	2.0(1b)	14/2-Port Multiprotocol Services Module, page 1-11
Rear-facing chassis installation	Added chassis installation for a cabinet with insufficient front side clearance.	Not release specific	Installing the Switch in a Cabinet with Insufficient Front Clearance, page 2-11
Caching Services Module	Removed references to replacing CSM batteries.	Not release specific	Installing the Cisco MDS 9216 Switch
4-Port IPS module	Added 4-port IP Storage Services module.	1.3(4a)	IP Storage Services Modules, page 1-13
Jumper power cord	Added the jumper power cord available for use in a cabinet.	Not release specific	Jumper Power Cord, page C-8
Rack load ratings	Added rack load ratings for use of Shelf Bracket.	Not release specific	General Requirements for Cabinets and Racks, page A-1
Rack requirements	Modified general rack requirements and perforated cabinet requirements.	Not release specific	Cabinet and Rack Requirements, page A-1

Table 1 Features for the Cisco MDS 9216 Switch Hardware Installation Guide (continued)

Feature	Description	Changed in Release	Where Documented
SFP transceivers	Added instructions for installation and removal of SFP transceivers and cables.	Not release specific	Removing and Installing SFP Transceivers , page 3-6
Caching Services Module (CSM)	Added the module that provides virtualization services for reallocating physical resources as virtual resources.	1.3(1)	Caching Services Module , page 1-19
Telco and EIA Shelf Bracket Kit	Added the 2 RU Shelf Bracket kit that allows installation in a Telco rack.	Not release specific	Cisco MDS 9000 Family Telco and EIA Shelf Bracket , page A-4
Advanced Services Module (ASM)	Added the module that supports up to 32 Fibre Channel ports, provides distributed intelligent storage services, and is virtualization enabled.	1.2(2a)	32-Port Fibre Channel Advanced Services Module , page 1-15
Connecting console port to modem	Support for connecting console port on Cisco MDS 9216 Switch to a modem.	1.2(2a)	Connecting to the Console Port , page 3-2
Connecting COM1 port to modem	Support for connecting COM1 port on Cisco MDS 9216 Switch to a modem.	1.2(1a)	Connecting to the COM1 Port , page 3-3
Custom DB-9 adapter for COM1 port	Custom DB-9 female DTE adapter (color-coded green) available for use with Cisco MDS 9216 COM1 port.	Not release specific	Connecting the COM1 Port to a Modem , page D-4
GE and CWDM SFP transceivers	Gigabit Ethernet / Fibre Channel SFP and CWDM SFP transceivers.	1.1(1a)	CWDM Combination Fibre Channel/Gigabit Ethernet SFP Transceivers , page 1-25
IPS Module	A module that provides FCIP services and iSCSI services capability.	1.1(1a)	IP Storage Services Modules , page 1-13
Cisco MDS 9216 Rack Mount Kit	Cisco MDS 9216 Rack Mount Kit for installing the switch in an EIA rack.	Not release specific	Installing the Cisco MDS 9216 Switch Rear-Facing into Cabinet , page 2-17
Cisco MDS 9216 Switch with dual power supplies	Cisco MDS 9216 Switch available with two power supplies.	1.0(3a)	This guide
16-Port FC module	16-Port Fibre Channel module available for use with Cisco MDS 9216 Switch.	1.0(2a)	16-Port 1-Gbps/2-Gbps Fibre Channel Switching Module , page 1-7

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Table 1 **Features for the Cisco MDS 9216 Switch Hardware Installation Guide (continued)**

Feature	Description	Changed in Release	Where Documented
32-Port FC Module	32-Port Fibre Channel module available for use with Cisco MDS 9216 Switch.	1.0(2a)	32-Port 1-Gbps/2-Gbps Fibre Channel Switching Module, page 1-8
Cisco MDS 9216 Switch with single power supply	Initial product release, with one power supply.	1.0(2a)	This guide

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