

## End-of-Sale and End-of-Life Announcement for the Cisco MDS 9000 Storage Services Module

EOL6893

Cisco announces the end-of-sale and end-of life dates for the Cisco MDS 9000 Storage Services Module. The last day to order the affected product(s) is May 1, 2010. Customers with active service contracts will continue to receive support from the Cisco Technical Assistance Center (TAC) as shown in Table 1 of the EoL bulletin. Table 1 describes the end-of-life milestones, definitions, and dates for the affected product(s). Table 2 lists the product part numbers affected by this announcement. For customers with active and paid service and support contracts, support will be available until the termination date of the contract, even if this date exceeds the Last Date of Support shown in Table 1.

**Table 1.** End-of-Life Milestones and Dates for the Cisco MDS 9000 2-Gbps Fibre Channel SFP Optics

Milestone	Definition	Date
<b>End-of-Life Announcement Date</b>	The date the document that announces the end of sale and end of life of a product is distributed to the general public.	October 31, 2009
<b>End-of-Sale Date</b>	The last date to order the product through Cisco point-of-sale mechanisms. The product is no longer for sale after this date.	May 1, 2010
<b>Last Ship Date: HW</b>	The last-possible ship date that can be requested of Cisco and/or its contract manufacturers. Actual ship date is dependent on lead time.	July 30, 2010
<b>End of Routine Failure Analysis Date: HW</b>	The last-possible date a routine failure analysis may be performed to determine the cause of product failure or defect.	May 1, 2011
<b>End of New Service Attachment Date: HW</b>	For equipment and software that is not covered by a service-and-support contract, this is the last date to order a new service-and-support contract or add the equipment and/or software to an existing service-and-support contract.	May 1, 2011
<b>End of Service Contract Renewal Date: HW</b>	The last date to extend or renew a service contract for the product.	July 27, 2014
<b>Last Date of Support: HW</b>	The last date to receive service and support for the product. After this date, all support services for the product are unavailable, and the product becomes obsolete.	April 30, 2015

HW = Hardware, OS SW = Operating System Software, App. SW = Application Software

**Table 2.** Product Part Numbers Affected by This Announcement

End-of-Sale Product Part Number	Product Description	Replacement Product Part Number	Replacement Product Description	Additional Information
<b>DS-X9032-SSM</b>	MDS 9000 32-Port 2/1-Gbps FC Storage Services Module	DS-X9304-18K9	MDS 9000 18-port FC and 4-port GE Module	–
<b>DS-X9032-SSM</b>	MDS 9000 32-Port 2/1-Gbps FC Storage Services Module	DS-X9316-SSNK9	MDS 9000 16-Port GE Storage Services Node	–
<b>DS-X9032-SSM=</b>	MDS 9000 32-Port 2/1-Gbps FC Storage Services Module	DS-X9304-18K9=	MDS 9000 18-port FC and 4-port GE Module, Spare	–
<b>DS-X9032-SSM=</b>	MDS 9000 32-Port 2/1-Gbps FC Storage Services Module	DS-X9316-SSNK9=	MDS 9000 16-Port GE Storage Services Node, Spare	–
<b>DS-X9032SSM-HV=</b>	MDS 9000 HV Bundle 32-port Storage Services Module, 32 SFPs	DS-X9304-18K9=	MDS 9000 18-port FC and 4-port GE Module, Spare	–
<b>DS-X9032SSM-HV=</b>	MDS 9000 HV Bundle 32-port Storage Services Module, 32 SFPs	DS-X9316-SSNK9=	MDS 9000 16-Port GE Storage Services Node, Spare	–

End-of-Sale Product Part Number	Product Description	Replacement Product Part Number	Replacement Product Description	Additional Information
<b>DS-X9032SSM-HVH=</b>	MDS 32-port SSM, 32 SFPs, for HP with Service, Spare	DS-X9304-18HK9=	18-port FC and 4-port GE Module for HP with Service, Spare	–
<b>DS-X9032SSM-HVH=</b>	MDS 32-port SSM, 32 SFPs, for HP with Service, Spare	DS-X9316-SSNHK9=	16-Port Storage Services Node for HP with Service, Spare	–

## Product Migration Options

Customers are encouraged to migrate to the Cisco MDS 9000 18-port FC and 4-port GE Module or to the Cisco MDS 9000 16-port Storage Services Node. Both the modules deliver state-of-the-art multiprotocol and distributed multiservice convergence, offering high-performance SAN extension and disaster-recovery solutions, intelligent fabric services such as Cisco Storage Media Encryption and I/O Accelerator, and cost-effective multiprotocol connectivity. For more information about these products, go to <http://www.cisco.com/en/US/products/ps8425/index.html> and <http://www.cisco.com/en/US/products/ps10497/index.html>.

Feature	Cisco MDS 9000 Storage Services Module	Cisco MDS 9000 18-Port FC and 4-Port GE Module (MSM-18/4) and Cisco MDS 9000 16-Port Storage Services Node (SSN-16)
<b>Fibre Channel Interfaces</b>	32 1/2-Gbps	4 1/2/4-Gbps on MSM-18/4, none on SSN-16
<b>Gigabit Ethernet Interfaces for FCIP and iSCSI</b>	None	4 on MSM-18/4, 16 on SSN-16
<b>Max Modules per MDS 9513 Chassis</b>	7	11
<b>Intelligent Network Services-Integrated support for VSANs, ACLs, FCC, QOS</b>	Yes	Yes
<b>Integrated hardware based VSANs and Inter-VSAN Routing (IVR)</b>	Yes	Yes
<b>Support for Intelligent Fabric Applications-Cisco Storage Media Encryption</b>	No	Yes
<b>Support for Intelligent Fabric Applications-Cisco Data Mobility Manager</b>	Yes	Yes
<b>Support for Intelligent Fabric Applications-I/O Accelerator</b>	No	Yes
<b>FCIP for Secure SAN Extension</b>	No	Yes
<b>Fibre Channel Write Acceleration</b>	Yes	Yes
<b>Fibre Channel Tape Acceleration</b>	No	Yes
<b>Network-Assisted Storage Applications with the SANTap protocol</b>	Yes	Yes
<b>Network-Hosted Storage Applications with ISAPI</b>	Yes	Yes
<b>FICON Support</b>	Yes	Yes

Customers may purchase the 18-Port FC and 4-Port GE Module and the Cisco MDS 9000 16-Port Storage Services Node from EMC Corporation, IBM Corporation, Hitachi Data Systems, Hewlett-Packard, Xiotech, Sun, Network Appliance, Dell, NEC, or Fujitsu, all of whom are designated original storage manufacturer (OSM) or solution technology integrator (STI) partners, or from any of these companies' resellers. Cisco does not offer trade-in credits or a trade-in program for Cisco MDS 9000 family products.

## For More Information

For more information about the Cisco MDS 9000 18-Port FC and the 4-Port GE Module and Cisco MDS 9000 16-Port Storage Services Node, visit <http://www.cisco.com/en/US/products/ps8425/index.html> and <http://www.cisco.com/en/US/products/ps10497/index.html>, or contact your local account representative.

For more information about the Cisco End-of-Life Policy, go to:  
[http://www.cisco.com/en/US/products/prod\\_end\\_of\\_life.html](http://www.cisco.com/en/US/products/prod_end_of_life.html)

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