PRODUCT BULLETIN NO. 2595

END-OF-SALE AND END-OF-LIFE ANNOUNCEMENT FOR THE CISCO CATALYST 6500 SERIES SUPERVISOR ENGINE 1A, SWITCH FABRIC MODULE 1, CATALYST 6503, 6506, AND 6509 SUPERVISOR ENGINE 1A-2GE WIRING CLOSET BUNDLES, AND CATALYST 6509 16-PORT AND 32-PORT GIGABIT ETHERNET BUNDLES

Cisco Systems® announces the end-of-sale and end-of-life dates of the Cisco® Catalyst® 6500 Series Supervisor Engine 1A with PFC, Supervisor Engine 1A with PFC and MSFC2, Supervisor Engine 1A with 2 gigabit ports and the Switch Fabric Module 1. Cisco also is announcing the change in orderability for the Catalyst 6503, 6506, and 6509 Supervisor Engine 1A-2GE Wiring Closet Bundles and Catalyst 6509 core bundles. The last day to order the Cisco Catalyst 6500 Series Supervisor Engine 1A with PFC, Supervisor Engine 1A with PFC and MSFC2, Supervisor Engine 1A with 2 gigabit ports, the Switch Fabric Module 1 and 6509 Supervisor Engine 1A-2GE Wiring Closet Bundles and Catalyst 6500 16-port and 32-port Gigabit Ethernet bundles is March 25, 2005. Customers will continue to receive support from the Cisco Technical Assistance Center (TAC) until March 25, 2010. Table 1 describes the end-of-life milestones, definitions, and dates for the Cisco Catalyst 6500 Series Supervisor Engine 1A with PFC, Supervisor Engine 1A with PFC and MSFC2 and Catalyst 6500 16-port and 32-port Gigabit Ethernet bundles. Table 2 lists the product numbers affected by this announcement.

Customers are encouraged to migrate to the products listed in Table 3.

Table 1. End-of-Life Milestones and Dates for the Cisco Products Affected by this Announcement

Milestone	Definition	Date
End-of-life announcement date	The date the document that announces the end of sale and end of life of a product is distributed to the general public.	September 25, 2004
End-of-sale date	The last date to order the product through Cisco point-of-sale mechanisms. The product is no longer for sale after this date.	March 25, 2005
Last shipment date	The last-possible ship date that can be requested of Cisco and/or its contract manufacturers. Actual ship date is dependent on lead-time.	June 25, 2005
End of software maintenance releases date	The last date that Cisco Engineering may release any final software maintenance releases or bug fixes. After this date, Cisco Engineering will no longer develop, repair, maintain, or test the product software. Note : From the End of Software Maintenance Releases Date to the Last Date of Support ("Extended Period of Support"), Cisco will provide only Critical Software Support defined as network services impacting bugs or security vulnerabilities that have been identified by the customer to Cisco TAC and subsequently qualified via Cisco's normal evaluation process. Critical Software Support will be provided according to the following terms and conditions: - Cisco TAC will first use commercially reasonable efforts to work with the Customer to determine the locality of impact and to find a workaround for the problem. - If an alternative workaround is not possible during the Extended Period of Support, then Cisco will make commercially reasonable efforts to provide a bug fix solution to remedy the problem. - If despite commercially reasonable efforts Cisco is unable to provide a software based solution, it may be necessary for the Customer to remove or upgrade the impacted software based systems to correct the problem.	March 25, 2006

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Milestone	Definition	Date
End of new service attachment date	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.	March 25, 2006
End of routine failure analysis date	The last possible date a routine failure analysis may be performed to determine the cause of product failure or defect.	March 25, 2006
End of service contract renewal date	The last date to extend or renew a service contract for the product. The extension or renewal period cannot extend beyond the last date of support.	December 25, 2009
Last date of support	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.	March 25, 2010

Table 2. Product Part Numbers Affected by This Announcement

End-of-Sale Product Part Number	Product Description
WS-X6K-S1A-MSFC2 (=)	Catalyst 6500 Series Supervisor Engine 1A with Policy Feature Card (PFC) and MSFC2
WS-X6K-S1A-MSFC2/2	Catalyst 6500 Series Redundant Supervisor Engine 1A with PFC and MSFC2 (in chassis only)
WS-X6K-SUP1A-PFC (=)	Catalyst 6500 Series Supervisor Engine 1A with Policy Feature Card (PFC)
WS-X6K-SUP1A-2GE (=)	Catalyst 6000 Series Supervisor Engine1A, Enhanced QoS, 2 GE
WS-C6500-SFM (=)	Catalyst 6500 Switch Fabric Module
Change in Orderability	**Product Description**
WS-C6503-2GE	Catalyst 6503 Chassis, Supervisor Engine 1A-2GE, fan tray, no power supply
WS-C6506-2GE	Catalyst 6506 Chassis, Supervisor Engine 1A -2GE, fan tray, no power supply
WS-C6509-2GE	Catalyst 6509 Chassis, Supervisor Engine 1A -2GE, fan tray, no power supply
WS-C6509-6816-16	Catalyst 6500 16-port Gigabit Ethernet bundle
WS-C6509-6816-32	Catalyst 6500 32- port Gigabit Ethernet bundle

PROCUCT MIGRATION OPTIONS

The recommended replacement products for the Cisco Catalyst 6500 Series Supervisor Engine 1A with PFC, Supervisor Engine 1A with PFC and MSFC2 and Catalyst 6500 16-port and 32- port Gigabit Ethernet bundles are listed in Table 3.

Table 3. Product Comparisons

Cisco EOL Product	Cisco Minimal Replacement Product	Cisco Recommended Replacement Product	Replacement Description/Benefit
WS-X6K-S1A-MSFC2 (=)	WS-X6K-S2-MSFC2	WS-SUP720-3B or WS-SUP720	Supervisor Engine 720 or 720-3B or Supervisor Engine 2 with PFC2/MSFC2 BENEFIT: Better performance, features, and lower in price. Supervisor Engine 720 and 720-3B offer 720 Gbps built-in fabric and provide advanced features such as IPv6, MPLS, GRE, and NAT.

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Cisco EOL Product	Cisco Minimal Replacement Product	Cisco Recommended Replacement Product	Replacement Description/Benefit
			Supervisor Engine 2-MSFC2 is scalable to 256 Gbps, 30 mpps (with switch fabric)
WS-X6K-S1A-MSFC2/2	WS-X6K-S2-MSFC2	WS-SUP720-3B or WS-SUP720	Same as above
WS-X6K-SUP1A-PFC (=)	WS-X6K-S2-PFC2	WS-X6K-S2-PFC2	Supervisor Engine 2 with PFC2 BENEFIT: Better performance, features. Connection to optional switch fabric. Scalable to 256 Gbps, 30 mpps.
WS-X6K-SUP1A-2GE (=)	WS-X6K-S2-PFC2	WS-X6K-S2-PFC2	Supervisor Engine 2 with PFC2 BENEFIT: Better performance, features. Connection to optional switch fabric. Scalable to 256 Gbps, 30 mpps.
WS-C6500-SFM (=)	WS-X6500-SFM2	WS-SUP720-3B or WS-SUP720	Catalyst 6500 Switch Fabric Module 2 or Supervisor Engine 720 or 720-3B BENEFIT: Better performance, features, and lower in price compared to the combination of Supervisor Engine MSFC2 + SFM2. Supervisor Engine 720 and 720-3B offer 720 Gbps built-in SFM and provide advanced features such as IPv6, MPLS, GRE, and NAT.
WS-C6503-2GE	WS-C6503-PFC2	WS-C6503-PFC2	Catalyst 6503 Chassis with Supervisor Engine 2-PFC2 and fan tray BENEFIT: Better performance, features. Connection to optional switch fabric. Scalable to 256 Gbps, 30 mpps. Special SMARTnet® pricing available.
WS-C6506-2GE	WS-C6506-PFC2	WS-C6506-PFC2	Catalyst 6506 chassis with Supervisor Engine 2-PFC2 and fan tray BENEFIT: Better performance, features. Connection to optional switch fabric. Scalable to 256 Gbps, 3 mpps. Special SMARTnet pricing available.
WS-C6509-2GE	WS-C6509-PFC2	WS-C6509-PFC2	Catalyst 6509 chassis with Supervisor Engine 2-PFC2 and fan tray BENEFIT: Better performance, features. Connection to optional switch fabric. Scalable to 256 Gbps, 30 mpps. Special SMARTnet pricing available.
WS-C6509-6816-16	1x WS-C6509 1x WS-C6K-9SLOT-FAN 1x WS-X6K-S2-MSFC2 1x WS-X6500-SFM2	1x WS-C6509-E 1x WS- C6509-E-FAN 1x WS-SUP720-3B or 1xWS-SUP720 ---(No SFM2 needed)---	Individual Components BENEFIT: Supervisor Engine 720 and 720-3B with WS-X6724-SFP offer better performance and features at a lower price than the bundle. New advanced features include IPv6, MPLS, GRE, NAT.

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Cisco EOL Product	Cisco Minimal Replacement Product	Cisco Recommended Replacement Product	Replacement Description/Benefit
	1x WS-X6816-GBIC 1x WS-F6K-DFC(Required)	1x WS-X6724-SFP 1x DFC3A or DFC3B (Optional)	
WS-C6509-6816-32	1x WS-C6509 1x WS-C6K-9SLOT-FAN 1x WS-X6K-S2-MSFC2 1x WS-X6500-SFM2 2x WS-X6816-GBIC 2x WS-F6K-DFC(Required)	1x WS-C6509-E 1x WS-C6509-E-FAN 1x WS-SUP720-3B or 1xWS-SUP720 ---(No SFM2 needed)--- 1x WS-X6748-SFP 1x DFC3A or DFC3B (Optional)	Individual Components BENEFIT: Supervisor Engine 720 and 720-3B with WS-X6724-SFP offer better performance and features at a lower price than the bundle. New advanced features include IPv6, MPLS, GRE, NAT.

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Table 4. Minimum and Recommended Software for Replacement Products

Replacement Models	Minimum Catalyst OS	Recommended Catalyst OS	Minimum Cisco IOS Software (12.1E train)	Recommended Cisco IOS Software (12.1E train)	Minimum Cisco IOS Software (12.2S train)	Recommended Cisco IOS Software (12.2S train)
WS-C6503-PFC2	7.4(2)	7.6	–	–	–	–
WS-C6506-PFC2	6.3(6)	6.3(10)	–	–	–	–
WS-C6509-PFC2	6.3(6)	6.3(10)	–	–	–	–
WS-C6509	6.3(6)	6.3(7)	12.0(7)XE1	12.1(13)E11	12.2(14)SX	12.2(17d)SXB
WS-C6509-E	6.3(6)	6.3(7)	12.0(7)XE1	12.1(13)E11	12.2(14)SX	12.2(17d)SXB
WS-SUP720-3B	8.3(2)	8.3(2)	–	–	12.2(17d)SXB	12.2(17d)SXB
WS-SUP720	8.1(1)	8.1(1)	–	–	12.2(14)SX	12.2(17d)SXB
WS-X6K-S2-MSFC2	6.1(1d)	6.3(7)	12.1(5c)EX	12.1(13)E11	12.2(17d)SXB	12.2(17d)SXB
WS-X6K-S2-PFC2	6.1(1d)	6.3(7)	–	–	–	–
WS-X6500-SFM2	6.1(1d)	6.3(7)	12.1(8a)E	12.1(13)E11	12.2(17d)SXB	12.2(17d)SXB
WS-X6724-SFP	8.1(2)	8.1(2)	–	–	12.2(17a)SX	12.2(17d)SXB
WS-X6748-SFP	8.3(2)	8.3(2)	–	–	12.2(17d)SXB	12.2(17d)SXB
WS-F6700-DFC3A	–	–	–	–	12.2(17a)SX	12.2(17d)SXB
WS-C6K-9SLOT-FAN2	8.1(1)	8.1(1)	12.1(19)E1	12.1(19)E1	12.2(14)SX	12.2(17d)SXB
WS-C6509-E-FAN	8.1(1)	8.1(1)	12.1(19)E1	12.1(19)E1	12.2(14)SX	12.2(17d)SXB

Customers may be able to use the Cisco Technology Migration Program (TMP) where applicable to trade-in eligible products and receive credit toward the purchase of new Cisco equipment. For more information about Cisco TMP, customers should work with their Cisco Partner or Cisco account team. Cisco Partners can find additional TMP information on Partner Central at: https://www.cisco.com/web/partners/incentives_and_promotions/tmp.html.

FOR MORE INFORMATION

For more information about the Cisco Catalyst 6500, visit http://www.cisco.com/en/US/products/hw/switches/ps708/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

To subscribe to receive EoL/EoS information, go to: http://www.cisco.com/cgi-bin/Support/FieldNoticeTool/field-notice

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