End-of-Sale and End-of-Life Announcement for the Cisco IOS Hybrid Software Release 12.2SX

EOL5829

Cisco Systems® announces the end-of-sale and end-of life dates for the Cisco IOS Hybrid Software Release 12.2SX. Cisco will not have any Cisco IOS Hybrid development after 12.2SX release train, so the dates specified in this announcement would also be the end-of-sale and end-of-life dates for entire Cisco IOS Hybrid. The last day to order the Cisco IOS Hybrid Software Release 12.2SX is January 29, 2008. 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. The Cisco IOS Hybrid is loaded on the Multilayer Switch Feature Card (MSFC) or Route Processor (RP) to provide Layer 3 routing functionality on the Catalyst 6500 switch. This software works only in conjunction with the Catalyst OS software loaded on the Switch Processor (SP). Table 1 describes the end-of-life milestones, definitions, and dates for the Cisco IOS Hybrid Software Release 12.2SX. Table 2 lists the product part numbers affected by this announcement.

Cisco IOS Native images, including Cisco IOS Software Modularity images, bundle both the Switch Processor and Route Processor software. Customers are encouraged to migrate to Cisco IOS Software Release 12.2(18)SXF or later for the Catalyst 6500 series switch which offers additional hardware and software functionality. Information about the replacement product can be found at http://www.cisco.com/en/US/customer/products/hw/switches/ps708/tsd_products_support_series_home.html.

Table 1. End-of-Life Milestones and Dates for the Cisco Hybrid IOS Software Release 12.2SX

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.	July 31, 2007
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.	January 29, 2008
Last Ship Date: OS SW	The last-possible ship date that can be requested of Cisco and/or its contract manufacturers. Actual ship date is dependent on lead time.	April 28, 2008
End of SW Maintenance Releases Date: OS SW	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.	January 28, 2009
End of New Service Attachment Date: OS SW	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.	January 28, 2009
End of Service Contract Renewal Date: OS SW	The last date to extend or renew a service contract for the product.	April 25, 2012
Last Date of Support: OS SW	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.	January 27, 2013

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
S6M3AK9-12217SXB	Cisco CAT6000-MSFC3 IOS ENT W/SSH/3DES
S6M3AK9H-12217SXB	Cisco CAT6000-MSFC3 IOS ENT FW W/SSH/3DES
S6M3Z-12217SXB	Cisco CAT6000-MSFC3 IOS IP
S6M3ZK9-12217SXB	Cisco CAT6000-MSFC3 IOS IP W/SSH/3DES
SM3AEK9-12218SXF	Cisco CAT6000-MSFC3 IOS ADVANCED ENTERPRISE SERVICES SSH
SM3ESK9-12218SXF	Cisco CAT6000-MSFC3 IOS ENTERPRISE SERVICES SSH
SM3IS-12218SXF	Cisco CAT6000-MSFC3 IOS IP SERVICES
SM3ISK9-12218SXF	Cisco CAT6000-MSFC3 IOS IP SERVICES SSH
SM2AAEK9-12218SXF	Cisco CAT6000-MSFC2A IOS ADVANCED ENTERPRISE SERVICES SSH
SM2AESK9-12217SXB	Cisco CAT6000-MSFC2A IOS ENTERPRISE SERVICES SSH
SM2AESK9-12218SXF	Cisco CAT6000-MSFC2A IOS ENTERPRISE SERVICES SSH
SM2AIB-12218SXF	Cisco CAT6000-MSFC2A IOS IP BASE
SM2AIBK9-12218SXF	Cisco CAT6000-MSFC2A IOS IP BASE SSH
SM2AIPB-12217SXB	Cisco CAT6000-MSFC2A IOS IP BASE
SM2AIPBK9-12217SXB	Cisco CAT6000-MSFC2A IOS IP BASE SSH
SM2AIPSK9-12217SXB	Cisco CAT6000-MSFC2A IOS IP SERVICES SSH
SM2AISK9-12218SXF	Cisco CAT6000-MSFC2A IOS IP SERVICES SSH

Product Migration Options

The recommended replacement for the Cisco IOS Hybrid 12.2SX is Cisco IOS Release 12.2SX Native images. Table 3 provides a migration recommendation for the existing the Supervisor Engines and Cisco IOS Hybrid configurations. Migrating to the latest Supervisor Engines with Cisco IOS Native software provides significant technology and operational management benefits including:

- Superior performance of up to 400Mpps with Supervisor Engine 720 and Distributed Forwarding technology.
- Hardware-based high performance services such as IPv6, MPLS VPN, EoMPLS, NAT and Control Plane Policing.
- Cisco IOS Software Modularity with fault containment, stateful process restart and Subsystem In-Service Software Upgrade (ISSU) that boosts operational efficiency and minimizes downtime.
- High-performance hardware-accelerated Stateful Application Intelligence and Deep Packet Inspection security with Supervisor Engine 32 PISA.
- Enhanced operational manageability with Embedded Event Manager (EEM), Cisco Call Home, multicast netflow, IP SLA and LLDP and LLDP-MED.

For more information about Cisco IOS Software Release 12.2SX for Catalyst 6500 switches, go to http://www.cisco.com/en/US/products/hw/switches/ps708/prod_release_note09186a00801c8339.html.

Table 3.   Migration Recommendation

Supervisor Engine and Hybrid IOS Configuration	Recommended Migration Path
Supervisor Engine 720 with Cisco IOS Hybrid 12.2SX	• Migrate to Cisco IOS Software Release 12.2SX Native images
Supervisor Engine 32 with Cisco IOS Hybrid 12.2SX	• Migrate to Cisco IOS Software Release 12.2SX Native images
Supervisor Engine 1 with Cisco IOS Hybrid 12.2SX	• Supervisor Engine 1 End of Software support[1] date is March 25 2006. • Migrate to newer Supervisor Engines (Supervisor Engine 720, Supervisor Engine 32) with Cisco IOS 12.2SX release train or Supervisor Engine 32 PISA with 12.2(18)ZY
Supervisor Engine 2 with Cisco IOS Hybrid 12.2SX	• Supervisor Engine 2 End of software support date is Feb 29 2008.[2] • Migrate to newer Supervisor engines (Supervisor Engine 720, Supervisor Engine 32) With Cisco IOS 12.2SX release train or Supervisor Engine 32 PISA with 12.2(18)ZY

For more information about Cisco IOS Hybrid migration, please go to the following web site that provides the Cisco IOS Hybrid migration resources such as Cisco Catalyst OS migration FAQ, Cisco Hybrid IOS feature comparison document http://www.cisco.com/go/CatOS_migration.

Customers are encouraged to migrate from the Cisco Catalyst 6000 Series to the Catalyst 6500 series switches. For more information about the Cisco Catalyst 6500 Series switches, please visit http://www.cisco.com/en/US/products/hw/switches/ps708/index.html.

Customers can use the Cisco Technology Migration Plan (TMP) to trade in products and receive credit toward the purchase of new Cisco equipment. For more information about Cisco TMP, go to http://www.cisco.com/go/tradein/. The Cisco TMP application requires all users to have a Cisco.com user ID.

Customers may be able to continue to purchase the end-of-sale product through Cisco's Authorized Refurbished Equipment program. Refurbished units of the end-of-sale product are available in limited supply for sale in certain countries on a first-come, first-served basis. For information about the refurbished equipment program, go to http://www.cisco.com/web/ordering/ciscocapital/refurbished/index.html.

For More Information

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 end-of-life/end-of-sale information, go to http://www.cisco.com/cgi-bin/Support/FieldNoticeTool/field-notice.

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[1] Supervisor Engine 1 EoL information http://www.cisco.com/en/US/prod/collateral/switches/ps5718/ps708/prod_end-of-life_notice0900aecd8017a5d1.html.
[2] Supervisor Engine 2 EoL information http://www.cisco.com/en/US/prod/collateral/switches/ps5718/ps708/prod_end-of-life_notice0900aecd80423d31.html.

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