

END-OF-SALE AND END-OF-LIFE ANNOUNCEMENT FOR THE CISCO CATALYST 4500 ACCESS GATEWAY MODULE

Cisco Systems® announces the end of life of the Cisco® Catalyst® 4500 Access Gateway Module (AGM) and associated components, spares, and bundles (part numbers WS-X4604-xxx, WS-U4604-xxx, etc.). The last day to order the AGM is September 1, 2004. Customers will continue to receive support from the Cisco Technical Assistance Center (TAC) until September 1, 2009. Table 1 describes the end-of-life milestones, definitions, and dates for the AGM. Table 2 lists the product numbers affected by this announcement.

Customers are encouraged to migrate to one of the following platforms:

- The Cisco Catalyst 6500 Series switches for WAN routing, telephony, and high-density switching support. Virtually all the capabilities of the AGM, plus a wide range of additional services are supported by the Catalyst 6500 Series. Information about this product line can be found at:
<http://www.cisco.com/en/US/products/hw/switches/ps708/index.html>
- The Cisco 3700 Series routers for WAN routing, telephony, and low-density switching support. Virtually all the capabilities of the AGM, plus a wide range of additional services are supported by the Cisco 3700 Series. Information about this product line can be found at:
<http://www.cisco.com/en/US/products/hw/routers/ps282/index.html>

Table 3 provides relevant information for migrating from the AGM to the Cisco 3700 Series or Cisco Catalyst 6500 Series.

Table 1 End-of-Life Milestones and Dates for the Cisco Catalyst 4500 AGM

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.	March 1, 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.	September 1, 2004
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.	December 1, 2004
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.	September 1, 2005

Table 1 End-of-Life Milestones and Dates for the Cisco Catalyst 4500 AGM (Continued)

Milestone	Definition	Date
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.	September 1, 2005
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.	September 1, 2005
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.	September 1, 2008
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.	September 1, 2009

Table 2 Product Part Numbers Affected by This Announcement

End-of-Sale Product Part Number	Product Description
WS-X4604-GWY (=)	Catalyst 4500 Access Gateway Module (AGM)
WS-X4604-VOICE (=)	Catalyst 4500 AGM Voice/WAN Bundle (AGM, 96-chan DSP, 128D)
WS-U4604-DSP (=)	Catalyst 4500 AGM 96-channel DSP Set (4x6 SIMMs)
WS-U4604-ESA (=)	Catalyst 4500 AGM VPN/Encryption Services Adapter
WS-U4604-8FXS (=)	Catalyst 4500 AGM 8-port FXS module (RJ-21)
WS-U4604-16FXS (=)	Catalyst 4500 AGM 16-port FXS module (RJ-21)
MEM-C4K-AGM64M (=)	Catalyst 4500 AGM 64MB DRAM Option
MEM-C4K-AGM128M (=)	Catalyst 4500 AGM 128MB DRAM Upgrade Option
S4KAGMCU-12xxx (=)	Cisco Catalyst 4000 AGM IOS IP/FIREWALL/DSP FEATURE SET

PRODUCT MIGRATION OPTIONS

The recommended replacement for an integrated switch/router/voice gateway is the Cisco 6500 Series Switch (i.e., Catalyst 4500 Switch + AGM—Catalyst 6500 Switch + FlexWAN Module + Communications Media Module).

The recommended replacement for the Cisco Catalyst 4500 Access Gateway Module is the Cisco 3700 Series Router (i.e., Catalyst 4500 Switch + AGM—Catalyst 4500 Switch + Cisco 3700 Router)

Table 3 Product Comparisons

Features	EOS Part Number	Cisco 3700 Router	Catalyst 6500 Switch
Multiservice WAN routing	WS-X4604-GWY	Yes—Cisco3745 or Cisco 3725 (in some cases, Cisco 2691 or Cisco 2651XM may be appropriate)	Yes—WS-X6182-2PA (FlexWAN)
WAN interfaces		Yes—WIC/VWIC modules	Yes—WS-X6182-2PA with Port Adapter modules
Survivable Remote Site Telephony (SRST)		Yes	Yes—WS-SVC-CMM (Cisco Communication Media Module)
IPv6		Yes	Yes
NAT		Yes	Yes
WCCPv2		Yes	Yes
VPN/encryption		Yes	Yes
Integration with switching		Yes (low density 10/100, up to 72 switch ports or 52 ports with inline power)—NM-16ESW, NM-36ESW modules	Yes—High density 10/100/1000
Digital voice (T1/E1)	WS-U4604-DSP	Yes—NM-HD-2V, NM-HDV, AIM-VOICE-30, or AIM-ATM-VOICE-30 modules with VWIC-MFT	Yes—WS-SVC-CMM with WS-SVC-CMM-6E1 or WS-SVC-CMM-6T1
Conferencing/transcoding		Yes—NM-HD-2V, NM-HDV modules	Yes—WS-SVC-CMM with WS-SVC-CMM-ACT (conferencing/transcoding port adapter)
Analog voice (FXS)	WS-U4604-8FXS / WS-U4604-16FXS	Yes—NM-HD-2V with VIC modules, NM-HDA modules with EM modules	Yes—WS-SVC-CMM with WS-SVC-CMM-24FXS
Analog voice (FXO) for PSTN connectivity		Yes—NM-HD-2V with VIC modules, NM-HDA modules with EM modules	N/A
VPN/encryption	WS-U4604-ESA	Yes—AIM-VPN, several performance options	Yes—WS-SVC-IPSEC-1
Voice/WAN bundle	WS-X4604-VOICE	Yes—CISCO3745-V-CCME, CISCO3725-V-CCME	N/A

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.

ADDITIONAL INFORMATION

For more information about Cisco products, please contact your Cisco account manager and/or Cisco Channel Partner.

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 please go to:

<http://www.cisco.com/cgi-bin/Support/FieldNoticeTool/field-notice>



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