

CISCO IOS SOFTWARE RELEASE 12.3(4)XK

This product bulletin describes the content and delivery information for Cisco IOS® Software Release 12.3(4)XK. It should be used in conjunction with the Cisco IOS Software Release 12.3T product bulletin. Cisco IOS Software Release 12.3(4)XK is a short-lived, early deployment release that will be supported in the Sixth release of Cisco IOS Software Release 12.3T. It supports the Cisco® 1700 Series routers (Cisco 1701, Cisco 1710, Cisco 1711, Cisco 1712, Cisco 1720, Cisco 1721, Cisco 1751, Cisco 1751-V, and Cisco 1760).

The platform and features delivered with this early deployment release will be immediately incorporated into the fifth release of Cisco IOS Software Release 12.3T. The timeframe for the availability of the Sixth release of the Cisco IOS Software Release 12.3T train is the third quarter of 2004. Please note that this timeframe is subject to change.

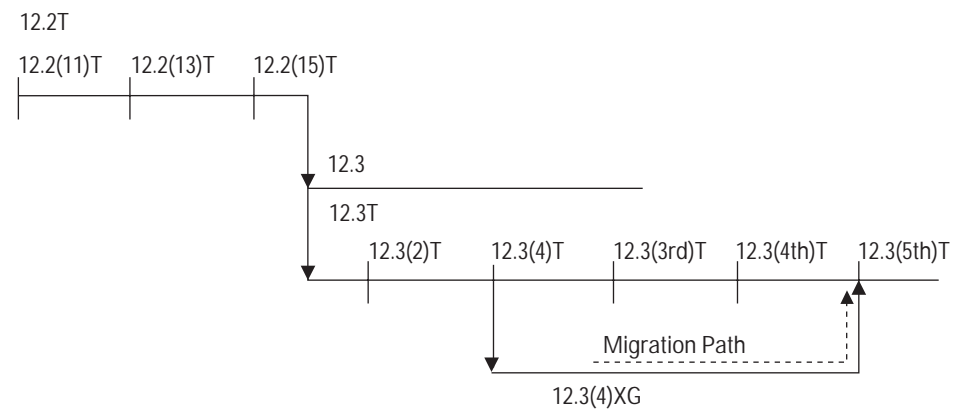
Future early deployment releases will be provided for maintenance support until Cisco IOS Software Release 12.3(4)XK becomes available in the fifth release of Cisco IOS Software Release 12.3T.

In addition to the supported features described in this product bulletin, more information is available in the release notes for Cisco IOS Software Release 12.3(4)XK.

Customers should prepare to upgrade using the migration path shown in Figure 1.

Note: This 12.3(4)XK release only lists features which are new to the respective platforms.

Figure 1
 Cisco IOS Software Release 12.3(4)XK Release Train and Migration Guide



NEW FEATURES IN CISCO IOS SOFTWARE RELEASE 12.3(4)XK

Table 1 lists the features delivered in the Cisco IOS Software Release 12.3(4)XK.

Table 1

New Software Features	Cisco 1701	Cisco 1710	Cisco 1711	Cisco 1712	Cisco 1720	Cisco 1721	Cisco 1751/1751-V	Cisco 1760
IPSec Preferred Peer	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes

DETAILED INFORMATION

New Software

IPSec Preferred Peer

Supported platforms: Cisco 1710, 1721, 1751, 1751-V, 1760; supported in all legacy images containing IPSec 3DES images (K9 images) and Advanced Security, Advanced IP Services and Advanced Enterprise Services cross-platform images.

IPSec Preferred Peer gives greater control in specifying if a peer in an IPSec crypto map will be activated as a backup in the case of failure.

When defining multiple peers in a crypto map, if the first peer is designated “Default”, it prevents the advancing of peers from being triggered by a DPD failure. Only retransmits or idle timer-based failures will advance to the next peer.

Product Numbers

Table 2 and provides the feature sets, images, and memory recommendations for Cisco IOS Software Release 12.3(4)XK.

Note:

1. Cisco 1710 is limited to 16 MB Flash memory.
2. Security Device Manager (SDM) is not supported on Cisco 1710.
3. SDM comes by default with the images that contain security feature sets.
4. Regarding the Cross-Platform Images, please see product bulletin “Cisco IOS Software Release 12.3 Mainline and 12.3T Feature Sets for Cisco 1700 Series Routers”—http://www.cisco.com/en/US/products/hw/routers/ps221/prod_bulletin09186a008016122f.html

Table 2 Cisco IOS Software Release 12.3(4)XK Cisco 1700 Legacy and Cross-Platform Feature Sets, Images, and Memory Recommendations

Cisco 1700 Legacy Images				Recommended Memory	
Platform	Image Name	Feature Set	Image File Name	Flash Memory	DRAM Memory
Cisco 1710 (1)	Cisco 1700 IOS IP/FW/IDS PLUS IPSEC 3DES	IP/FW/IDS PLUS IPSEC 3DES	c1710-k9o3sy-mz	16MB	64MB
Cisco 1710 (1)	Cisco 1700 IOS IP/IPX/AT/IBM/FW/IDS PLUS IPSEC 3DES	IP/IPX/AT/IBM/FW/IDS PLUS IPSEC 3DES	c1710-bk9no3r2sy-mz	16MB	96MB
Cisco 1751/1751-V/1760	Cisco 1700 IOS IP/ADSL/VOX PLUS	IP/ADSL/VOX PLUS	c1700-sv8y7-mz	32MB	96MB
Cisco 1751/1751-V/1760	Cisco 1700 IOS IP/ADSL/VOX/FW/IDS PLUS IPSEC 3DES	IP/ADSL/VOX/FW/IDS PLUS IPSEC 3DES	c1700-k9o3sv8y7-mz	32MB	96MB
Cisco 1751/1751-V/1760	Cisco 1700 IOS IP/ADSL/IPX/AT/IBM/VOX/FW/IDS PLUS IPSEC 3DES	IP ADSL/IPX/AT/IBM/VOX/FW/IDS PLUS IPSEC 3DES	c1700-bk9no3r2sv8y7-mz	32MB	128MB
Cisco 1701/1721/1751/1751-V/1760	Cisco 1700 IOS IP ADSL PLUS	IP ADSL/PLUS	c1700-sy7-mz	16MB	64MB
Cisco 1720/1721/ 1751/1751-V/1760	Cisco 1700 IOS IP	IP	c1700-y-mz	16MB	48MB
Cisco 1701/ 1721/1751/1751-V/1760	Cisco 1700 IOS IP ADSL/IPX/AT/IBM PLUS	IP ADSL/IPX/ AT/IBM PLUS	c1700-bnr2sy7-mz	16MB	96MB
Cisco 1701/1711/1712/1721/1751/1751-V/1760	Cisco 1700 IOS IP ADSL/IPX/AT/IBM/FW/IDS PLUS IPSEC 3DES	IP ADSL/IPX/AT/IBM/FW/IDS PLUS IPSEC 3DES	c1700-bk9no3r2sy7-mz	32MB	96MB
Cisco 1701/1720/1721/1751/1751-V/1760	Cisco 1700 IOS IP/ADSL	IP/ADSL	c1700-y7-mz	16MB	48MB
Cisco 1701/1711/1712 /1721/1751/1751-V/1760	Cisco 1700 IOS IP/ADSL/FW/IDS PLUS IPSEC 3DES	IP/ADSL/FW/IDS PLUS IPSEC 3DES	c1700-k9o3sy7-mz	16MB	64 MB
Cisco Cross-Platform Images				Recommended Memory	
Platform	Image Name	Feature Set	Image File Name	Flash Memory	DRAM Memory
Cisco 1751/1751-V/1760	Cisco 1700 IP VOICE	IP VOICE	c1700-ipvoice-mz	32 MB	96 MB
Cisco 1701/1721/1751/1751-V/1760	Cisco 1700 IOS ADVANCED IP SERVICES	ADVANCED IP SERVICES	c1700-advipservicesk9-mz	32 MB	96 MB
Cisco 1701/1721/1751/1751-V/1760	Cisco 1700 IOS SP SERVICES	SP SERVICES	c1700-spservicesk9-mz	32 MB	96 MB
Cisco 1701/1721/1751/1751-V/1760	Cisco 1700 IOS ENTERPRISE SERVICES	ENTERPRISE SERVICES	c1700-entservicesk9-mz	32 MB	96 MB
Cisco 1701/1711/1712/1721/1751/1751-V/1760	Cisco 1700 IOS ADVANCED ENTERPRISE SERVICES	ADVANCED ENTERPRISE SERVICES	c1700-adventerprisek9-mz	32 MB	128MB
Cisco Cross-Platform Images				Recommended Memory	
Cisco 1701/1721/1751/1751-V/1760	Cisco 1700 IP BASE	IP BASE	c1700-ipbase-mz	16 MB	64 MB

Table 2 Cisco IOS Software Release 12.3(4)XK Cisco 1700 Legacy and Cross-Platform Feature Sets, Images, and Memory Recommendations (Continued)

Cisco 1701/1721/1751/ 1751-V/1760	Cisco 1700 ENTERPRISE BASE	ENTERPRISE BASE	c1700-entbase-mz	16 MB	64 MB
Cisco 1701/1711/1712/ 1721/1751/1751-V/1760	Cisco 1700 ADVANCED SECURITY	ADVANCED SECURITY	c1700-advsecurityk9-mz	16 MB	64 MB

DOWNLOAD INFORMATION

Customers can download Cisco IOS Software Release 12.3(4)XK Software from the <http://www.cisco.com> software image library.



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