



CISCO IOS SOFTWARE RELEASE 12.3(11)YK

LIFESPAN OF RELEASE

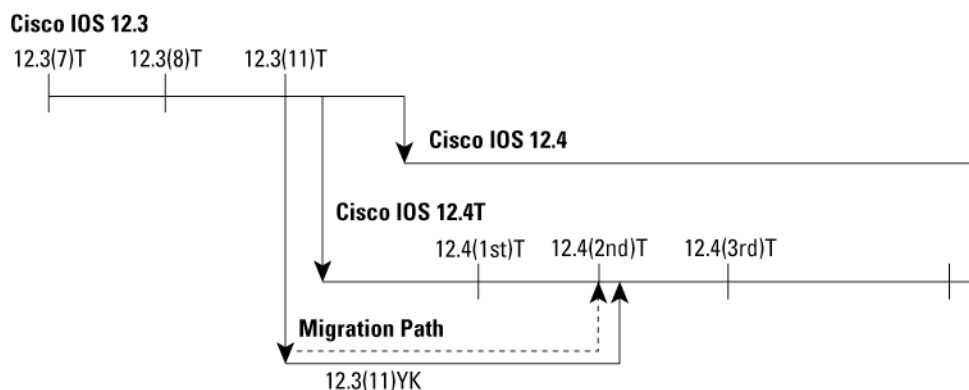
This Cisco IOS® Software special release is a short-lived release and will migrate into the first release of the 12.4T train. Six months after the migration into the 12.4T train, this release will no longer be orderable and will no longer be configurable in the dynamic configuration tool.

PRODUCT OVERVIEW

This product bulletin provides content and delivery information for Cisco IOS Software Release 12.3(11)YK. It should be used in conjunction with the product bulletin for Cisco IOS Software Release 12.3T. It supports Cisco® 830 Series secure broadband routers (Cisco 831, Cisco 836, and Cisco 837) and Cisco 2801 integrated services routers.

This product bulletin only lists Cisco IOS Software Release 12.3(11)YK features that are new to the respective routers; more information is available in the release notes. Customers should be prepared to upgrade using the migration path described in Figure 1.

Figure 1. Cisco IOS Software Release 12.3(11)YK Release Train and Migration Guide



NEW FEATURES IN CISCO IOS SOFTWARE RELEASE 12.3(11)YK

Table 1 lists the features delivered in Cisco IOS Software Release 12.3(11)YK.

Table 1. Features Delivered in Cisco 12.3(11)YK

New Features	Cisco 831	Cisco 836	Cisco 837	Cisco 2801
E1 R2 Collect Call Blocking	No	No	No	Yes
VRF Lite	No	Yes	Yes	No

DETAILED INFORMATION

New Features

E1 R2 Collect Call Blocking Feature

Cisco 2801 Routers—IP Voice and Above Images

The E1 R2 Call Blocking feature provides two ways to block incoming collect calls—category-based and double answer. With category-based call blocking, collect calls will be blocked based on a specific category. For example, in Brazil, collect calls arrive with a category II-8, for which the Cisco access router will send B-7 as a response instead of an answer signal. This approach is only applicable when switches in the central office support category-based blocking.

For legacy switches that do not support category-based blocking, the double answer method is implemented on the Cisco 2801 router to support the collect-call blocking. For an incoming collect call, the gateway will answer the call with a clearback after one second and re-answer the call after two seconds, causing the collect call to be dropped and normal calls to stay connected. This can be implemented as a command-line interface (CLI) option for any country.

VRF Lite

Cisco 831, 836, and 837 Routers—IP Plus and Above Images

Virtual routing and forwarding (VRF) lite allows separate routed networks with distinct routing tables and potentially overlapping address space to exist on the same router. When enabled, Ethernet 2 will allow for a DMZ to be enabled on Port 4 of the switch. For this release, physical and dialer interfaces have been tested and are supported. IP Security (IPSec) tunnels and Layer 2 Tunneling Protocol (L2TP) tunnels initiated from the router are not supported for VRF context endpoints.

Tables 2 and 3 list image product numbers and feature sets for Cisco 830 Series and 2801 routers. Tables 4 and 5 list ordering information for Cisco 830 Series and 2801 routers.

Table 2. Image Product Numbers and Descriptions for Cisco 830 Series Secure Broadband Routers

Platform	Feature Set	VRF Lite
Cisco 831	c831-k9o3sy6-mz	No
	c831-k9o3y6-mz	Yes (partial)
Cisco 836	c836-k9o3s8y6-mz	Yes
	c836-k9o3sy6-mz	Yes
	c836-k9o3y6-mz	No
Cisco 837	c837-k9o3sy6-mz	Yes
	c837-k9o3y6-mz	No
SOHO91	soho91-k9oy6-mz	No
SOHO96	soho96-k9oy1-mz	No

Platform	Feature Set	VRF Lite
SOHO97	soho97-k9oy1-mz	Yes
	soho97-oy1-mz	No

Table 3. Image Product Numbers and Descriptions for Cisco 2801 Integrated Services Routers

Platform	Feature Set	E1 R2 Collect Call Blocking Feature
Cisco 2801	c2801-adventerprisek9-mz	Yes
	c2801-advipservicesk9-mz	Yes
	c2801-advsecurityk9-mz	No
	c2801-entbase-mz	Yes
	c2801-entservicesk9-mz	Yes
	c2801-ipbase-mz	No
	c2801-ipvoice-mz	Yes
	c2801-spservicesk9-mz	Yes

Table 4. Feature Sets and Ordering Information for Cisco IOS Software Release 12.3(11)YK for Cisco 830 Series Secure Broadband Routers

Cisco 830 Platforms				Recommended Memory	
Platform	Software Product Description	Image File Name	Part Number	Flash	DRAM
Cisco 831	Cisco 831 IOS IP/FW Triple Data Encryption Standard (3DES)	c831-k9o3y6-mz	S831CHK9-12311YK	12 MB	48 MB
			S831CHK9-12311YK=		
Cisco 831	Cisco 831 IOS IP/FW/PLUS 3DES	c831-k9o3sy6-mz	S831CHPK9-12311YK	12 MB	64 MB
			S831CHPK9-12311YK=		
Cisco 836	Cisco 836 IOS IP/FW 3DES	c836-k9o3y6-mz	S836CHK9-12311YK	12 MB	48 MB
			S836CHK9-12311YK=		
Cisco 836	Cisco 836 IOS IP/FW/PLUS 3DES	c836-k9o3sy6-mz	S836CHPK9-12311YK	12 MB	64 MB
			S836CHPK9-12311YK=		
Cisco 836	Cisco 836 IOS IP/FW/PLUS ISDN Dial Backup 3DES VPN	c836-k9o3s8y6-mz	S836CHSK9-12311YK	12 MB	64 MB
			S836CHSK9-12311YK=		
Cisco 837	Cisco 837 IOS IP/FW 3DES	c837-k9o3y6-mz	S837CHK9-12311YK	12 MB	48 MB
			S837CHK9-12311YK=		

Cisco 830 Platforms				Recommended Memory	
Platform	Software Product Description	Image File Name	Part Number	Flash	DRAM
Cisco 837	Cisco 837 IOS IP/FW/PLUS 3DES	c837-k9o3sy6-mz	S837CHPK9-12311YK	12 MB	64 MB
			S837CHPK9-12311YK=		

Table 5. Feature Sets and Ordering Information for Cisco IOS Software Release 12.3(11)YK for Cisco 2801 Integrated Services Routers

Platform	Image Name	Software Product Description	Product Code	Flash	DRAM
Cisco 2801	c2801-adventerprisek9-mz	Cisco 2801 IOS Advanced Enterprise Services	S280AESK9-12311YK	64 MB	192 MB
Cisco 2801	c2801-advipservicesk9-mz	Cisco 2801 IOS Advanced IP Services	S280AISK9-12311YK	64 MB	192 MB
Cisco 2801	c2801-advsecurityk9-mz	Cisco 2801 IOS Advanced Security	S280ASK9-12311YK S280ASK9-12311YK=	64 MB	128 MB
Cisco 2801	c2801-entbase-mz	Cisco 2801 IOS Enterprise Base without Crypto	S280EB-12311YK	64 MB	128 MB
Cisco 2801	c2801-entservicesk9-mz	Cisco 2801 IOS Enterprise Services	S280ESK9-12311YK	64 MB	192 MB
Cisco 2801	c2801-ipbase-mz	Cisco 2801 IOS IP Base	S280IPB-12311YK S280IPB-12311YK=	64 MB	128 MB
Cisco 2801	c2801-ipvoice-mz	Cisco 2801 IOS IP Voice without Crypto	S280IPV-12311YK	64 MB	192 MB
Cisco 2801	c2801-spservicesk9-mz	Cisco 2801 IOS SP Services	S280SPSK9-12311YK	64 MB	192 MB

DOWNLOAD INFORMATION

Customers can download Cisco IOS Software Release 12.3(11)YK from the software image library at: <http://www.cisco.com>

FOR MORE INFORMATION

For more information about the Cisco SOHO Series and Cisco 800 Series, visit: <http://www.cisco.com/go/800>

For more information about the Cisco 2801 Series, visit: <http://www.cisco.com/go/2800>

You may also contact your local account representative for information on any of these products.

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