



Cisco IOS 12.3 Mainline and 12.3T Feature Sets for Cisco 2610XM, 2611XM, 2620XM, 2621XM, 2650XM, 2651XM

This Product Bulletin details changes to the IOS software packaging for Cisco 2600XM Routers. It introduces eight new cross-platform feature sets in Cisco IOS 12.3 Mainline and 12.3T. In addition, this is an End-of-Sales notification for a number of feature sets.

Note: This Product Bulletin covers the packaging of functionality into feature sets. It does not cover individual new features. For information about new features in Cisco IOS 12.3 Mainline and 12.3T, refer to the Cisco IOS software pages on cisco.com.

Overview

During the course of Cisco IOS releases 12.3 Mainline and 12.3T, the Cisco 2600XM platforms will migrate to Cisco's eight new cross-platform feature sets. The feature sets are introduced as an alternative to classic feature sets in Cisco IOS 12.3 Mainline. Customers deploying Cisco IOS 12.3 Mainline are encouraged to migrate to the cross-platform feature sets, but it is optional. Customers planning or expecting deployment of new features in Cisco IOS 12.3T are strongly encouraged to understand and evaluate the new cross-platform feature sets as they will be the vehicles for new feature delivery. Starting in Cisco IOS 12.3T, the cross-platform feature sets will replace the classic feature sets.



Cisco IOS 12.2T	Cisco IOS 12.3 Mainline	Cisco IOS 12.3T
Classic Feature Sets	Classic Feature Sets Cross-Platform Feature Sets	Cross-Platform Feature Sets
Special Purpose Feature Sets	Special Purpose Feature Sets	Special Purpose Feature Sets

The remainder of this product bulletin provides details of feature set availability in Cisco IOS 12.3 Mainline and 12.3T respectively.

Cisco IOS 12.3 Mainline

Overview of available feature sets in Cisco IOS 12.3 Mainline

The following Cisco IOS 12.3 Mainline Feature Sets will be available for the Cisco 2610XM, 2611XM, 2620XM, 2621XM, 2650XM, 2651XM Routers.

Feature Set	Image Filename
Cross-Platform Feature Sets	
IP BASE	c2600-ipbase-mz
IP VOICE	c2600-ipvoice-mz
ENTERPRISE BASE	c2600-entbase-mz
ADVANCED SECURITY	c2600-advsecurityk9-mz
SP SERVICES	c2600-spservicesk9-mz
ENTERPRISE SERVICES	c2600-entservicesk9-mz
ADVANCED IP SERVICES	c2600-advipservicesk9-mz
ADVANCED ENTERPRISE SERVICES	c2600-adventerprisek9-mz
Classic Feature Sets	
ENTERPRISE/FW/IDS PLUS IPSEC 3DES	c2600-jk9o3s-mz
ENTERPRISE PLUS IPSEC 3DES	c2600-jk9s-mz
ENTERPRISE PLUS	c2600-js-mz
IP/FW/IDS PLUS IPSEC 3DES	c2600-ik9o3s-mz



Feature Set	Image Filename
IP/FW/IDS PLUS IPSEC 56	c2600-ik8o3s-mz
IP PLUS IPSEC 3DES	c2600-ik9s-mz
IP PLUS	c2600-is-mz
IP/IPX/APPLETALK/FW/IDS PLUS	c2600-bino3s-mz
IP/IPX/APPLETALK PLUS	c2600-bins-mz
IP/IPX/APPLETALK	c2600-bin-mz
IP/FW/IDS	c2600-io3-mz
IP	c2600-i-mz
Special Purpose Feature Sets	
ENTERPRISE/SNASW PLUS IPSEC 3DES	c2600-a3jk9s-mz
ENTERPRISE/SNASW PLUS	c2600-a3js-mz
ENTERPRISE PLUS/H323 MCM	c2600-jsx-mz
ENTERPRISE/SSG	c2600-g4js-mz
ENTERPRISE PLUS IP-IP GATEWAY IPSEC 3DES	c2600-jk9s2-mz
ENTERPRISE PLUS IP-IP GATEWAY	c2600-js2-mz
SS7 SIGNALING LINK TERMINATION	c2600-ipss7-mz
IP/H323	C2600-ix-mz
TELCO FEATURE SET	C2600-telco-mz

End-of-Sales feature sets in Cisco IOS 12.3 Mainline and suggested migration paths

The table below lists Cisco IOS feature sets that will be discontinued in Cisco IOS 12.3 Mainline, and suggested migration paths. It should be noted that other active release trains continue to issue maintenance releases of these feature sets. The End-of-Sales applies only to Cisco IOS 12.3 Mainline and subsequent 12.3T release trains.

SmartNet and other support contracts are transferable from an EoS image to any image suggested as a migration path.

End-of-Sales Feature Set	Suggested migration path(s)	Remarks
ENTERPRISE/SNASW PLUS IPSEC 56 c2600-a3jk8s-mz	ENTERPRISE/SNASW PLUS IPSEC 3DES c2600-a3jk9s-mz	See note on export control below table



End-of-Sales Feature Set	Suggested migration path(s)	Remarks
IP PLUS IPSEC 56 c2600-ik8s-mz	IP PLUS IPSEC 3DES c2600-ik9s-mz	See note on export control below table
	ADVANCED SECURITY c2600-advsecurityk9-mz	See note on export control below table
	ADVANCED IP SERVICES c2600-advipservicesk9-mz	See note on export control below table
ENTERPRISE/FW/IDS PLUS IPSEC 56 c2600-jk8o3s-mz	ENTERPRISE/FW/IDS PLUS IPSEC 3DES c2600-jk9o3s-mz	See note on export control below table
	ADVANCED ENTERPRISE SERVICES c2600-adventerprisek9-mz	See note on export control below table
ENTERPRISE PLUS IPSEC 56 c2600-jk8s-mz	ENTERPRISE PLUS IPSEC 3DES c2600-jk9s-mz	See note on export control below table
	ADVANCED ENTERPRISE SERVICES c2600-adventerprisek9-mz	See note on export control below table

Note: Export controls on strong encryption (greater than 56-bit DES strength) vary according to type, strength, territory, end-use and end-user. Please visit our web-based Cisco Encryption Sales Support Tool to determine eligibility for Cisco strong encryption solutions. Send email to Export Compliance (export@cisco.com) for clarification. Please include the word "crypto" or "encryption" in the subject line to ensure proper routing of your inquiry.

Introduction of new Cisco IOS 12.3 Cross-Platform Feature Sets

The Cross-Platform Feature Sets are tailored to ease the choice of feature sets in a multi-platform environment. They are initially available for Cisco 1700, 2600XM, 2691, 3725 and 3745 Series Routers. They provide feature combinations based customer feedback. In addition, the Cross-Platform feature sets simplify the image selection process by providing similar functionality across platform boundaries.

	Basic IP Connectivity for Data	Voice over IP, Voice over Frame Relay	ATM, Voice over ATM, MPLS	AppleTalk, IPX, IBM protocols	Firewall, Intrusion Detection Sensor, VPN
IP Base	X				
Enterprise Base	X			X	
IP Voice	X	X			
Advanced Security	X				X
SP Services	X	X	X		
Advanced IP Services	X	X	X		X



	Basic IP Connectivity for Data	Voice over IP, Voice over Frame Relay	ATM, Voice over ATM, MPLS	AppleTalk, IPX, IBM protocols	Firewall, Intrusion Detection Sensor, VPN
Enterprise Services	X	X	X	X	
Advanced Enterprise Services	X	X	X	X	X

Cisco IOS 12.3T

Overview of available feature sets in Cisco IOS 12.3T

The following Cisco IOS 12.3T Feature Sets will be available for the Cisco 2610XM, 2611XM, 2620XM, 2621XM, 2650XM, 2651XM Routers.

Feature Set	Image Filename
Cross-Platform Feature Sets	
IP BASE	C2600-ipbase-mz
IP VOICE	c2600-ipvoice-mz
ENTERPRISE BASE	c2600-entbase-mz
ADVANCED SECURITY	c2600-advsecurityk9-mz
SP SERVICES	c2600-spservicesk9-mz
ENTERPRISE SERVICES	c2600-entservicesk9-mz
ADVANCED IP SERVICES	c2600-advipservicesk9-mz
ADVANCED ENTERPRISE SERVICES	c2600-adventerprisek9-mz
Special Purpose Feature Sets	
ENTERPRISE/SNASW PLUS IPSEC 3DES	c2600-a3jk9s-mz
ENTERPRISE/SNASW PLUS	c2600-a3js-mz
ENTERPRISE/SSG	c2600-g4js-mz
ENTERPRISE PLUS IP-IP GATEWAY IPSEC 3DES	c2600-jk9s2-mz
ENTERPRISE PLUS IP-IP GATEWAY	c2600-js2-mz
ENTERPRISE PLUS/H323 MCM	c2600-jsx-mz
SS7 SIGNALING LINK TERMINATION	c2600-ipss7-mz
IP/H323	c2600-ix-mz
TELCO FEATURE SET	c2600-telco-mz



End-of-Sales feature sets in Cisco IOS 12.3T and suggested migration paths

The table below lists Cisco IOS feature sets that will be discontinued in Cisco IOS 12.3T, and suggested migration paths. It should be noted that other active release trains continue to issue maintenance releases of these feature sets. The End-of-Sales applies only to Cisco IOS 12.3T.

SmartNet and other support contracts are transferable from an EoS image to any image suggested as a migration path.

The suggested migration paths are high-level directions for customers migrating from classic feature sets to the cross-platform feature sets introduced in IOS 12.3 Mainline. Detailed information about the new cross-platform feature sets is available on the cross-platform feature set introduction page.

Cisco provides several tools to perform detailed analysis of feature content. To find out which Cisco IOS software supports best supports your needs, we recommend using the Cisco Software Advisor, Cisco IOS Upgrade Planner and Cisco IOS Feature Navigator, allowing registered customers and partners to search by feature(s) or by release, and comparison of different releases and feature sets.

End-of-Sales Feature Set	Suggested migration path(s)	Remarks
IP c2600-i-mz	IP Base c2600-ipbase-mz	Added support for DSL and Etherswitch modules
IP/FW/IDS c2600-io3-mz	Advanced Security c2600-advsecurityk9-mz	Added support for VPN, DSL and Etherswitch modules. See note on export control below table.
IP/IPX/APPLETALK c2600-bin-mz	Enterprise Base c2600-entbase-mz	Added support for IBM protocols, DSL and Etherswitch modules
REMOTE ACCESS SERVER c2600-c-mz	Enterprise Services c2600-entservicesk9-mz	
IP/FW/IDS PLUS IPSEC 56/3DES C2600-ik8o3s-mz c2600-ik9o3s-mz	Advanced Security c2600-advsecurityk9-mz	No Voice, ATM or IBM protocol support. See note on export control below table
	Advanced IP Services c2600-advipservicesk9-mz	No IBM protocol support. See note on export control below table
	Advanced Enterprise Services c2600-adventerprisek9-mz	See note on export control below table.
IP PLUS IPSEC 56/3DES c2600-ik8s-mz c2600-ik9s-mz	Advanced Security c2600-advsecurityk9-mz	No Voice, ATM or IBM protocol support. Added support for FW and IDS. See note on export control below table
	Advanced IP Services c2600-advipservicesk9-mz	No IBM protocol support. Added support for FW and IDS. See note on export control below table
	Advanced Enterprise Services c2600-adventerprisek9-mz	Added support for FW and IDS. See note on export control below table



End-of-Sales Feature Set	Suggested migration path(s)	Remarks
IP PLUS c2600-is-mz	IP Voice c2600-ipvoice-mz	No ATM or IBM protocol support
	Enterprise Base c2600-entbase-mz	No ATM or Voice support
	SP Services c2600-spservicesk9-mz	No IBM protocol support
	Enterprise Servicesc2600-entservicesk9-mz	
IP/IPX/APPLETALK PLUS FW/IDS	Advanced Enterprise Servicesc2600-adventerprisek9-mz	Adds VPN support. See note on export control below table
IP/IPX/APPLETALK PLUS c2600-bins-mz	Enterprise Servicesc2600-entservicesk9-mz	
ENTERPRISE PLUS c2600-js-mz	Enterprise Servicesc2600-entservicesk9-mz	
ENTERPRISE/FW/IDS PLUS IPSEC 56/3DES c2600-jk8o3s-mz c2600-jk9o3s-mz	Advanced Enterprise Servicesc2600-adventerprisek9-mz	See note on export control below table.
ENTERPRISE PLUS IPSEC 56/3DES c2600-jk8s-mz c2600-jk9s-mz	Advanced Enterprise Servicesc2600-adventerprisek9-mz	Adds FW and IDS support. See note on export control below table

Note: Export controls on strong encryption (greater than 56-bit DES strength) vary according to type, strength, territory, end-use and end-user. Please visit our web-based Cisco Encryption Sales Support Tool to determine eligibility for Cisco strong encryption solutions. Send email to Export Compliance (export@cisco.com) for clarification. Please include the word "crypto" or "encryption" in the subject line to ensure proper routing of your inquiry.



Corporate Headquarters
Cisco Systems, Inc.
170 West Tasman Drive
San Jose, CA 95134-1706
USA
www.cisco.com
Tel: 408 526-4000
800 553-NETS (6387)
Fax: 408 526-4100

European Headquarters
Cisco Systems Europe
11 Rue Camille Desmoulins
92782 Issy-les-Moulineaux
Cedex 9
France
www-europe.cisco.com
Tel: 33 1 58 04 60 00
Fax: 33 1 58 04 61 00

Americas Headquarters
Cisco Systems, Inc.
170 West Tasman Drive
San Jose, CA 95134-1706
USA
www.cisco.com
Tel: 408 526-7660
Fax: 408 527-0883

Asia Pacific Headquarters
Cisco Systems, Inc.
Capital Tower
168 Robinson Road
#22-01 to #29-01
Singapore 068912
www.cisco.com
Tel: +65 317 7777
Fax: +65 317 7799

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(0201R) 201640/ETMG 02/02