



Cisco IOS 12.3 Mainline and 12.3T Feature Sets for Cisco 3745

This Product Bulletin details changes to the IOS software packaging for Cisco 3745 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 3745 router 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 3745.

Feature Set	Image Filename
Cross-Platform Feature Sets	
IP BASE	c3745-ipbase-mz
IP VOICE	c3745-ipvoice-mz
ENTERPRISE BASE	c3745-entbase-mz
ADVANCED SECURITY	c3745-advsecurityk9-mz
SP SERVICES	c3745-spservicesk9-mz
ENTERPRISE SERVICES	c3745-entservicesk9-mz
ADVANCED IP SERVICES	c3745-advipservicesk9-mz
ADVANCED ENTERPRISE SERVICES	c3745-adventerprisek9-mz
Classic Feature Sets	
ENTERPRISE/FW/IDS PLUS IPSEC 3DES	c37453745-jk9o3s-mz
ENTERPRISE PLUS IPSEC 3DES	c3745-jk9s-mz
ENTERPRISE PLUS	c3745-js-mz
IP/FW/IDS PLUS IPSEC 3DES	c3745-ik9o3s-mz
IP PLUS IPSEC 3DES	c3745-ik9s-mz



Feature Set	Image Filename
IP/IPX/APPLETALK/FW/IDS PLUS	c3745-bino3s-mz
IP/IPX/APPLETALK PLUS	c3745-bins-mz
IP PLUS	c3745-is-mz
IP	c3745-i-mz
Special Purpose Feature Sets	
ENTERPRISE/SNASW PLUS IPSEC 3DES	c3745-a3jk9s-mz
ENTERPRISE/SNASW PLUS	c3745-a3js-mz
ENTERPRISE PLUS IP-IP GATEWAY IPSEC 3DES	c3745-jk9s2-mz
ENTERPRISE PLUS IP-IP GATEWAY	c3745-js2-mz
ENTERPRISE PLUS/H323 MCM	c3745-jsx-mz
IP/H323	c3745-ix-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 c37453745-a3jk8s-mz	ENTERPRISE/SNASW PLUS IPSEC 3DES c3745-a3jk9s-mz	See note on export control below table
IP PLUS IPSEC 56 c3745-ik8s-mz	IP PLUS IPSEC 3DES c3745-ik9s-mz	See note on export control below table
	ADVANCED SECURITY c3745-advsecurityk9-mz	No voice, ATM or IBM protocols. Added support for FW and IDS. See note on export control below table
	ADVANCED IP SERVICES c3745-advipservicesk9-mz	Added support for FW and IDS. See note on export control below table
ENTERPRISE/FW/IDS PLUS IPSEC 56 c3745-jk8o3s-mz	ENTERPRISE/FW/IDS PLUS IPSEC 3DES c3745-jk9o3s-mz	See note on export control below table
	ADVANCED ENTERPRISE SERVICES c3745-adventerprisek9-mz	See note on export control below table



End-of-Sales Feature Set	Suggested migration path(s)	Remarks
ENTERPRISE PLUS IPSEC 56 c3745-jk8s-mz	ENTERPRISE PLUS IPSEC 3DES c3745-jk9s-mz	See note on export control below table
	ADVANCED ENTERPRISE SERVICES c3745-adventerprisek9-mz	Added support for FW and IDS. See note on export control below table
IP/FW/IDS PLUS IPSEC 56 c3745-ik8o3s-mz	IP/FW/IDS PLUS IPSEC 3DES c3745-ik9o3s-mz	See note on export control below table
	ADVANCED SECURITY c3745-advsecurityk9-mz	No voice, ATM or IBM protocols. See note on export control below table
	ADVANCED IP SERVICES c3745-advipservicesk9-mz	See note on export control below table
IP/IPX/APPLETALK c3745-bin-mz	IP/IPX/APPLETALK PLUS c3745-bins-mz	
	ENTERPRISE BASE c3745-entbase-mz	
IP/FW/IDS c3745-io3-mz	IP/FW/IDS PLUS IPSEC 3DES c3745-ik9o3s-mz	Added support for VPN. See note on export control below table
	ADVANCED SECURITY c3745-advsecurityk9-mz	Added support for VPN. See note on export control below table
SERVICE PROVIDER c3745-p-mz	ENTERPRISE SERVICES c3745-entservicesk9-mz	

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				



	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 Base	X			X	
IP Voice	X	X			
Advanced Security	X				X
SP Services	X	X	X		
Advanced IP Services	X	X	X		X
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 2691 Routers.

Feature Set	Image Filename
Cross-Platform Feature Sets	
IP BASE	C3745-ipbase-mz
IP VOICE	c3745-ipvoice-mz
ENTERPRISE BASE	c3745-entbase-mz
ADVANCED SECURITY	c3745-advsecurityk9-mz
SP SERVICES	c3745-spservicesk9-mz
ENTERPRISE SERVICES	c3745-entservicesk9-mz
ADVANCED IP SERVICES	c3745-advipservicesk9-mz
ADVANCED ENTERPRISE SERVICES	c3745-adventerprisek9-mz
Special Purpose Feature Sets	
ENTERPRISE/SNASW PLUS IPSEC 3DES	c3745-a3jk9s-mz
ENTERPRISE/SNASW PLUS	c3745-a3js-mz
ENTERPRISE PLUS IP-IP GATEWAY IPSEC 3DES	c3745-jk9s2-mz
ENTERPRISE PLUS IP-IP GATEWAY	c3745-js2-mz
ENTERPRISE PLUS/H323 MCM	c3745-jsx-mz



Feature Set	Image Filename
IP/H323	c3745-ix-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 c3745-i-mz	IP Base c3745-ipbase-mz	Added support for DSL and Etherswitch modules
IP/FW/IDS c3745-io3-mz	Advanced Security c3745-advsecurityk9-mz	Added support for VPN, DSL and Etherswitch modules. See note on export control below table.
IP/IPX/APPLETALK c3745-bin-mz	Enterprise Base c3745-entbase-mz	Added support for IBM protocols, DSL and Etherswitch modules
IP/FW/IDS PLUS IPSEC 56/3DES C3745-ik8o3s-mz c3745-ik9o3s-mz	Advanced Security c3745-advsecurityk9-mz	No Voice, ATM or IBM protocol support. See note on export control below table
	Advanced IP Services c3745-advipservicesk9-mz	No IBM protocol support. See note on export control below table
	Advanced Enterprise Services c3745-adventerprisek9-mz	See note on export control below table.
IP PLUS IPSEC 56/3DES c3745-ik8s-mz c3745-ik9s-mz	Advanced Security c3745-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 c3745-advipservicesk9-mz	No IBM protocol support. Added support for FW and IDS. See note on export control below table
	Advanced Enterprise Services c3745-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 c3745-is-mz	IP Voice c3745-ipvoice-mz	No ATM or IBM protocol support
	Enterprise Base c3745-entbase-mz	No ATM or Voice support
	SP Services c3745-spservicesk9-mz	No IBM protocol support
	Enterprise Services c3745-entservicesk9-mz	
IP/IPX/APPLETALK PLUS FW/IDS	Advanced Enterprise Services c3745-adventerprisek9-mz	Adds VPN support. See note on export control below table
IP/IPX/APPLETALK PLUS c3745-bins-mz	Enterprise Services c3745-entservicesk9-mz	
ENTERPRISE PLUS c3745-js-mz	Enterprise Services c3745-entservicesk9-mz	
ENTERPRISE/FW/IDS PLUS IPSEC 56/3DES c3745-jk8o3s-mz c3745-jk9o3s-mz	Advanced Enterprise Services c3745-adventerprisek9-mz	See note on export control below table.
ENTERPRISE PLUS IPSEC 56/3DES c3745-jk8s-mz c3745-jk9s-mz	Advanced Enterprise Services c3745-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.

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(0201R) 201640/ETMG 02/02