



PRODUCT BULLETIN NO. 2784

NEW CISCO IOS SOFTWARE RELEASE 12.2(25)EY FOR CISCO CATALYST 3750 METRO SERIES SWITCHES

INTRODUCTION

Cisco Systems® is pleased to announce Cisco IOS® Software updates for the Cisco® Catalyst® 3750 Metro Series switches. As premier Metro Ethernet access switches, the Cisco Catalyst 3750 Metro Series switches bring greater intelligence to the Metro Ethernet edge and help enable the delivery of differentiated Metro Ethernet services. As a market and technology leader in Metro Ethernet access, Cisco continues to enhance the Cisco Catalyst 3750 Metro Series with this migration to Cisco IOS Software Release 12.2S.

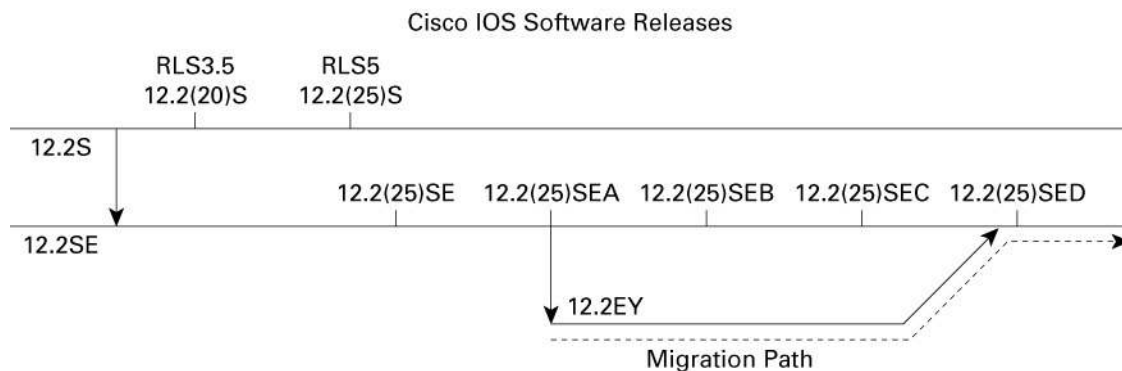
This product bulletin describes content and delivery information about Cisco IOS Software Release 12.2(25)EY. This is an early deployment release, based on Cisco IOS Software Release 12.2(25)SEA that runs on the Cisco Catalyst 3750 Series Switch. Cisco IOS Software Release 12.2(25)EY contains all features delivered up to the Cisco Catalyst 3750's IOS Software Release 12.2(25)SEA, except IPv6. IPv6 features are not supported in this release.

Cisco IOS Software Release 12.2(25)EY should not be used for the Cisco Catalyst 3750, Catalyst 3560, Catalyst 3550, Catalyst 2970, Catalyst 2950, Catalyst 2955, Catalyst 2950 LRE, or Catalyst 2940 Series Intelligent Ethernet switches.

The platform and features delivered with this early deployment release will be immediately incorporated into the Cisco IOS Software Release 12.2S train. It is important to note that no maintenance releases are planned for this early deployment release. In addition, note the migration path to the S release. Customers should prepare to upgrade using this migration path (Figure 1).

Figure 1

Cisco IOS Software Release 12.2(25)EY and Migration Guide



NEW FEATURES IN CISCO IOS SOFTWARE RELEASE 12.2(25)EY

The features listed in Table 1 will be delivered in the initial Cisco IOS Software Release 12.2(25)EY.

Table 1. Cisco IOS Software Release 12.2(25)EY New Features

New Feature	Customer Ports	Enhanced Services (ES) Ports	Catalyst 3750 Metro Series: IP Base Feature License	Catalyst 3750 Metro Series: IP Services Feature License	Catalyst 3750 Metro Series: Advance IP Feature License	Catalyst 3750 Metro Series: IP Services to Advance IP Upgrade License
Bidirectional (ingress and egress) Hierarchical QoS	N	X	X	X	X	–
QinQ Service Provider VLAN mapping	N	X	X	X	X	–
Unicast MAC address filtering	X	X	X	X	X	–
Interior Group Management Protocol Version 3 (IGMPv3) Snooping	X	X	X	X	X	–
Cisco EtherChannel® Guard	X	X	X	X	X	–
Dynamic Host Control Protocol (DHCP) Snooping (Option 82)	X	X	X	X	X	–
Secure Shell (SSH) Protocol Version 2	X	X	X	X	X	–
IGMP Throttling	X	X	X	X	X	–
CWDM Small Form-Factor Pluggable (SFP) optics	X	X	X	X	X	–
SmartPort macros	X	X	X	X	X	–
Dynamic Address Resolution Protocol (ARP) Inspection	X	X	X	X	X	–
IP Source Guard	X	X	X	X	X	–
Private VLAN	X	X	X	X	X	–
AutoQoS 1.5	X	X	X	X	X	–
Flex Links	X	X	X	X	X	–
802.1x accounting and MIBs	X	X	X	X	X	–
100BASE-FX multimode fiber SFP support	X	N	X	X	X	–
SFP diagnostics	X	N	X	X	X	–
Customizable link-speed negotiation	X	N	X	X	X	–
Packet-based storm control	X	X	X	X	X	–
SFP diagnostic management interface	X	N	X	X	X	–
Secure Sockets Layer (SSL)	X	X	X	X	X	–
Per-ASIC, per-VLAN policing	X	E	X	X	X	–

X—Feature is new for this platform

N—No plans to add support for this feature

E—Feature exists for this platform

For more detailed information about the platforms and features delivered in Cisco IOS Software Release 12.2(25)EY, see the following document: <http://www.cisco.com/univercd/cc/td/doc/product/lan/cat3750m/12225ey/index.htm>.

PRODUCT NUMBERS

Table 2 lists product part numbers and software licenses for Cisco Catalyst 3750 Metro Series.

Table 2. Cisco Catalyst 3750 Metro Series Feature Licenses

Product Part Number	Software Feature Set
ME-C3750-24TE-M	IP Base Feature License—Layer 2 switching, hierarchical QoS, VLAN translation, intelligent 802.1Q tunneling, Routing Information Protocol (RIP), and static routing Upgradable to IP Services or Advance IP Feature license
ME3750-IPSVC-LIC ME3750-IPSVC-LIC=	Cisco Catalyst 3750 Metro IP Services license (Border Gateway Protocol [BGP], Enhanced Interior Gateway Routing Protocol [EIGRP], Open Shortest Path First [OSPF], Intermediate System-to-Intermediate System [IS-IS], Policy-Based Routing [PBR], Multi-VPN Routing Forwarding [Multi-VRF] CE Marking, and IP Base features)
ME3750-ADVIP-LIC ME3750-ADVIP-LIC=	Cisco Catalyst 3750 Metro Advanced IP license (including Multiprotocol Label Switching [MPLS], Ethernet over MPLS [EoMPLS], IP Services features)
ME3750-UPGRD-LIC=	Requires IP Services Feature license Cisco Catalyst 3750 Metro IP Services to Advanced IP Upgrade license (including MPLS and EoMPLS)

DETAILED INFORMATION

For more information about the Cisco Catalyst 3750 Metro Series, see product information at:

<http://www.cisco.com/en/US/products/hw/switches/ps5532/index.html>.

For more detailed information about the platforms and features delivered in Cisco IOS Software Release 12.2(25)EY, see the release notes at:

<http://www.cisco.com/univercd/cc/td/doc/product/lan/cat3750m/12225ey/index.htm>.

DOWNLOAD INFORMATION

Customers can download Cisco IOS Software Release 12.2(25)EY from the Software Download page on Cisco.com at:

<http://www.cisco.com/cgi-bin/tablebuild.pl/ME-cat3750>.

Software download is available now.

Because of export restrictions on strong cryptography software, a separate image is required for the cryptographic features (SSH, Simple Network Management Protocol Version 3 [SNMPv3], and Kerberos). These software images also can be downloaded from the Software Download page on Cisco.com.

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