New Cisco IOS Software Release 12.2(44)EY for Cisco ME 3400E Series Ethernet Access Switches

Product Bulletin No. 519410

Cisco announces Cisco IOS® Software updates for Cisco® ME 3400E Series Ethernet Access Switches. This release furthers Cisco leadership by providing enhanced availability, flexibility, manageability, and security features for Carrier Ethernet deployments.

This product bulletin contains content and delivery information for Cisco IOS Software Release 12.2(44)EY. The following new features are available with this Cisco IOS Software Release for Metro Ethernet switches:

- 2-Rate 3-Color Policer, Selective QinQ, 1:1 VLAN translation, and inner-to-outer class-of-service (CoS) propagation to enable higher-revenue, differentiated services
- 802.3ah Dying Gasp message to alert network administrators when power is lost
- Cisco Generic Online Diagnostics (GOLD) and Onboard Failure Logging (OBFL) to help prevent system problems before they occur
- External alarm inputs to allow remote monitoring of the switch environment
- Traffic loopback, which allows service providers to remotely verify and monitor services

Table 1 describes product support for the new features, and Table 2 lists the supported switches.

Table 1.   Cisco IOS Software Release 12.2(44)EY New Features for Metro Ethernet Switches

Feature	Cisco ME 3400E: Metro IP Access	Cisco ME 3400E: Metro Access
2-Rate 3-Color Policer	Yes	Yes
1:1 and 1:2 VLAN translation	Yes	Yes
Inner-to-outer CoS mapping	Yes	Yes
802.3ah Dying Gasp message	Yes	Yes
Cisco GOLD and OBFL	Yes	Yes
External alarm input monitoring	Yes	Yes
Traffic loopback	Yes	Yes

Table 2.   Cisco Metro Ethernet Switches Supported with Cisco IOS Software Release 12.2(44)EY

Part Numbers for Cisco ME 3400E Series Switches and Software Images
- ME-3400E-24TS-M - ME-3400EG-12CS-M - ME-3400EG-2CS-A - S340XA-12244EY - S340XI-12244EY

Additional Resources

Software Download

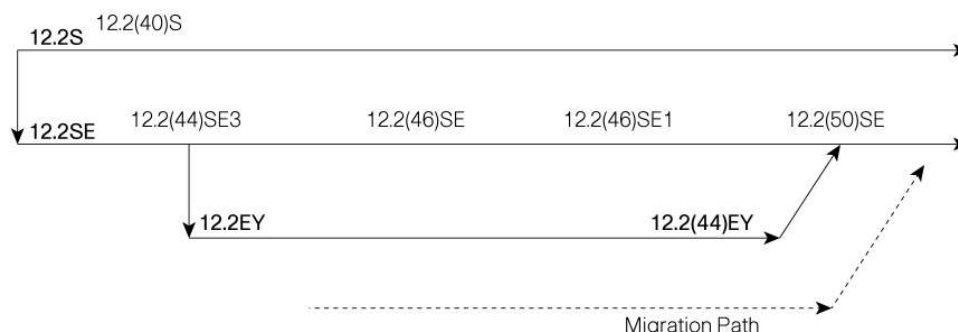Software is available for download from the following links:

- Cisco IOS Software upgrade planner: www.cisco.com/cgi-bin/Software/Iosplanner/Planner-tool/iosplanner.cgi?majorRel=
- Guest-level access planner: www.cisco.com/kobayashi/sw-center/index.shtml

Because of export restrictions on strong cryptography software, a separate image is required for the cryptographic features (Secure Shell [SSH] Protocol, Simple Network Management Protocol [SNMP] v3, and Kerberos Protocol). You can download these software images from the corresponding Triple Data Encryption Standard (3DES) area of the links provided previously.

Software Image Migration Guide

Figure 1 displays Cisco IOS Software Release 12.2(44)EY functions relative to the 12.2S and 12.2SE releases and identifies the recommended migration path.

Figure 1. Cisco IOS Software Release 12.2 Release Train

Product Information

Additional information about Cisco ME 3400E Series Switches is available at:
www.cisco.com/en/US/products/ps9637/index.html.

Support

Cisco IOS Software Release 12.2(44)EY follows the standard Cisco support policy indicated at www.cisco.com/en/US/products/products_end-of-life_policy.html.

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