New Cisco ME 3400E Series Ethernet Access Switches

Product Bulletin No. 492717

Cisco is pleased to introduce the new Cisco® ME 3400E Series Ethernet Access Switches, the next-generation, customer-located equipment (CLE) built especially for delivering advanced business VPN services. Their design is based on the widely successful Cisco ME 3400 Series and offers enhanced features and flexibility. With service-provider-friendly hardware and mission-specific software, the Cisco ME 3400E Series is optimized for Ethernet-to-the-business (ETTB) VPN services. It provides a comprehensive access solution for Carrier Ethernet business services, delivering availability, flexibility, manageability, and security. The Cisco ME 3400E Series supports multiple software feature images to provide a "pay-as-you-grow" deployment model.

Table 1 provides brief descriptions of the Cisco ME 3400E Series switches and options.

Table 1. Cisco ME 3400E Series Ethernet Access Switches and Software Feature Images

Product Name (Part Number)	Description
Cisco ME 3400E-24TS Ethernet Access Switch (ME-3400E-24-TS-M)	• 24 Ethernet 10/100 • 2 SFP-based Gigabit Ethernet and 10/100/1000 dual-purpose ports • 2 slots for field-replaceable power supplies and fan modules • Ethernet/serial management console • 4 external alarm inputs • 6.5-mpps forwarding rate • 1-rack unit (RU) multilayer switch • Ethernet access switch for Metro Ethernet market • 2 Cisco IOS® Software feature image options (METROACCESS and METROIPACCESS)
Cisco ME 3400EG-12CS Ethernet Access Switch (ME-3400EG-12CS-M)	• 12 dual-purpose (10/100/1000 and SFP) ports • 4 SFP-based Gigabit Ethernet and 100BASE-X ports • 2 slots for field-replaceable power supplies and fan modules • Ethernet/serial management console • 4 external alarm inputs • 26-mpps forwarding rate • 1RU multilayer switch • Gigabit Ethernet access switch for the Metro Ethernet market • 2 Cisco IOS Software feature image options (METROACCESS and METROIPACCESS)
Cisco ME 3400EG-2CS-A AC Ethernet Access Switch (ME-3400EG-2CS-A)	• 2 dual-purpose (10/100/1000 and SFP) ports • 2 SFP-based Gigabit Ethernet and 100BASE-X ports • One fixed AC power supply • Ethernet/serial management console • 4 external alarm inputs • 6.5-mpps forwarding rate • 1RU small-form-factor multilayer switch • Intelligent Ethernet demarcation switch • 2 Cisco IOS Software feature image options (METROACCESS and METROIPACCESS)
Cisco ME 3400E Series field-replaceable AC power supply and fan module (ME34X-PWR-AC)	• AC power supply and fan module for ME-3400E-24TS-M and ME-3400EG-12CS-M
Cisco ME 3400E Series field-replaceable DC power supply and fan module (ME34X-PWR-DC)	• DC power supply and fan module for ME-3400E-24TS-M and ME-3400EG-12CS-M

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Product Name (Part Number)	Description
Cisco ME 3400E Series METROACCESS Software Feature Image (S340XA-12244EY)	• Enhanced Layer 2 feature image targeted for Layer 2 VPN services • Advanced Layer 2 Tunneling: 802.1q tunneling and Layer 2 Protocol Tunneling (L2PT) • Industry-standard Layer 2 management: 802.1ag (CFM) and E-LMI • Fast convergence: Flexlink, Link-State Tracking, Resilient Ethernet Protocol (REP)
Cisco ME 3400E Series METROIPACCESS Software Feature Image (S340XI-12244EY)	• Layer 3 feature images targeted for Layer 3 VPN services • IP routing (RIP versions 1 and 2, EIGRP, OSFP, IS-IS, and BGPv4) • Secured Layer 3: Multi-VRF CE • Enhanced routing: Policy Based Routing (PBR)
Upgrade Kit for METROIPACCESS from METROACCESS (CD-ME3400-A2I=)	METROIPACCESS image upgrade kit from METROACCESS image

Key Features

Hardware

- Compact form factor eases deployment
- All connectors provide front access to simplify troubleshooting in the field
- Hot-swappable and field-replaceable integrated power supply and fan module facilitate high service availability
- External alarm inputs allow remote monitoring of switch environment
- Traffic loopback helps service providers to remotely verify and monitor services
- Extended operating temperature range of up to 65º C on certain model and configuration
- Ethernet and serial management consoles provide flexible control interface
- Switches comply with Network Equipment Building Standards Level 3 (NEBS) 3 and European Telecommunications Standards Institute (ETSI)

Software

- Mission-specific software is designed for Carrier Ethernet business access
- 2-Rate 3-Color Policer, Selective QinQ, 1:1 VLAN translation, and inner-to-outer class-of-service (CoS) propagation enable high-revenue, differentiated services
- UNI/NNI port types simplify management, deployment, and troubleshooting
- 802.3ah “Dying Gasp” message alerts network administrator when power is lost
- Generic On-Line Diagnostics (GOLD) and Onboard Failure Logging (OBFL) help prevent system issues before they occur
- Comprehensive security protects subscribers, switches, and network
- Supports multiple software images to provide a “pay-as-you-grow” deployment model

Availability

The new Cisco ME 3400E Series begins shipping in February 2009.

For More Information

For more information about the Cisco ME 3400E Series Ethernet Access Switches, please visit: http://www.cisco.com/en/US/products/ps9637/index.html or send an email to: ask-me3400-pm@cisco.com.

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