



Ethernet Connectivity Fault Management

Ethernet Connectivity Fault Management (CFM) is an end-to-end per-service-instance Ethernet layer operations, administration, and maintenance (OAM) protocol. It includes proactive connectivity monitoring, fault verification, and fault isolation for large Ethernet metropolitan-area networks (MANs) and WANs.

Configuration Information

Configuration information is included in the “Configuring Ethernet Connectivity Fault Management in a Service Provider Network” module of the *Cisco IOS Carrier Ethernet Configuration Guide*, Release 12.4T, at the following URL:

http://www.cisco.com/univercd/cc/td/doc/product/software/ios124/124tcg/tce_c/ecfm_mod.htm

The following sections provide information about this feature:

- Customer Service Instance
- Maintenance Domain
- Maintenance Point
- CFM Messages
- Cross-Check Function
- SNMP Traps
- Designing CFM Domains
- Configuring Ethernet CFM

For a complete list of features included in the “Configuring Ethernet Connectivity Fault Management in a Service Provider Network” module, see the Feature Information Table located toward the end of the module.



Americas Headquarters:
Cisco Systems, Inc., 170 West Tasman Drive, San Jose, CA 95134-1706 USA

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Command Reference Information

Release 12.2SR

Detailed information about commands is included in the *Cisco IOS Carrier Ethernet Command Reference*, Release 12.2SR, at the following URL:

http://www.cisco.com/univercd/cc/td/doc/product/software/ios122sr/cr/srceth_r/index.htm

Release 12.2SX

Detailed information about commands is included in the *Cisco IOS Carrier Ethernet Command Reference*, Release 12.2SX, at the following URL:

http://www.cisco.com/univercd/cc/td/doc/product/software/ios122sx/cr/sxceth_r/index.htm

Master Commands Lists

Cisco IOS master commands lists provide an alphabetical list of all Cisco IOS commands in a Cisco IOS release.

Cisco IOS new, modified, removed, and replaced commands lists provide an alphabetized list of all new, modified, removed, and replaced commands in a Cisco IOS release.

Release 12.2SR

Cisco IOS Master Commands List, Release 12.2SR, at the following URL:

<http://www.cisco.com/univercd/cc/td/doc/product/software/ios122sr/122srmdx/122sridx.htm>

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