



OER - Application Aware Routing with Static Application Mapping

The OER - Application Aware Routing with Static Application Mapping feature introduces the ability to configure standard applications using just one keyword. In Cisco IOS Release 12.4(9)T, and prior releases, the definition of application traffic involves some awkward configuration. This feature also introduces a learn list configuration mode that allows Optimized Edge Routing (OER) policies to be applied to traffic classes profiled in a learn list. Different policies can be applied to each learn list. New **traffic-class** and **match traffic-class** commands are introduced to simplify the configuration of traffic classes that OER can automatically learn, or that can be manually configured.

Configuration Information

Configuration information is included in the “Using OER to Profile the Traffic Classes” chapter of the *Cisco IOS Optimized Edge Routing Configuration Guide*, Release 12.4T, at the following URL:

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

The following sections provide information about this feature:

- Learn List Configuration Mode
- Static Application Mapping Using OER
- Application Traffic Class Configuration Using OER
- Configuring Application Aware Routing to Profile the Traffic Classes in Cisco IOS Release 12.4(15)T and Later Releases
- Configuring Application Aware Routing to Profile the Traffic Classes in Cisco IOS Release 12.4(15)T and Later Releases: Examples

For a complete list of features included in the “Using OER to Profile the Traffic Classes” module, see the Feature Information Table located toward the end of the module.



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Command Reference Information

Release 12.4T

The following commands are new or modified for this feature:

- **clear oer master traffic-class**
- **count**
- **delay (OER)**
- **list (OER)**
- **match traffic-class access-list**
- **match traffic-class application**
- **match traffic-class prefix-list**
- **show oer master learn list**
- **show oer master traffic-class**
- **throughput**
- **traffic-class access-list**
- **traffic-class application**
- **traffic-class prefix-list**

Detailed information about these commands is included in the *Cisco IOS Optimized Edge Routing Command Reference*, Release 12.4T, at the following URL:

http://www.cisco.com/univercd/cc/td/doc/product/software/ios124/124tcr/toer_r/index.htm

Master Command Lists

List of All Release 12.4T Commands

An alphabetical list of all Cisco IOS Release 12.4T commands is in the *Cisco IOS Master Commands List*, Release 12.4T, at the following URL:

- http://www.cisco.com/en/US/docs/ios/mcl/124tmcl/124t_book.html

List of All New, Modified, Removed, and Replaced Release 12.4T Commands

Alphabetized lists of all new, modified, removed, and replaced commands for each Cisco IOS Release 12.4T release are in the *Cisco IOS New, Modified, Removed, and Replaced Commands*, Release 12.4T, document at the following URL:

- http://www.cisco.com/en/US/products/ps6441/products_product_index09186a00805db026.html

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