



# Cisco Express Forwarding Support for Layer 4 Port-Based Load Balancing

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This feature allows Cisco Express Forwarding to include Layer 4 port information in the decision for load sharing on equal cost paths.

## Configuration Information

Configuration information is included in the “Configuring a Load-Balancing Scheme for CEF Traffic” module of the *Cisco IOS IP Switching Configuration Guide*, Release 12.4T, at the following URL:

[http://www.cisco.com/en/US/docs/ios/ipswitch/configuration/guide/cef\\_load\\_balancng.html](http://www.cisco.com/en/US/docs/ios/ipswitch/configuration/guide/cef_load_balancng.html)

The following sections provide information about this feature:

- Load-Balancing Algorithms for CEF Traffic
- Selecting an Include-Ports Layer 4 Load-Balancing Algorithm for CEF Traffic
- Selecting an Include-Ports Layer 4 Load-Balancing Algorithm for CEF Traffic: Example

For a complete list of features included in the “Configuring a Load-Balancing Scheme for CEF Traffic” module, see the Feature Information Table located toward the end of the module.

## Command Reference Information

Command reference information is included in the *Cisco IOS IP Switching Command Reference*, Release 12.4T, at the following URL:

[http://www.cisco.com/en/US/docs/ios/ipswitch/command/reference/isw\\_book.html](http://www.cisco.com/en/US/docs/ios/ipswitch/command/reference/isw_book.html)

## New or Modified Commands

The following commands are new or modified for this feature:

- **ip cef load-sharing algorithm**
- **show ip cef exact-route**

## 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](http://www.cisco.com/en/US/docs/ios/mcl/124tmcl/124t_book.html)



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### 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/docs/ios/mcl/124tmcl/124t\\_nml.html](http://www.cisco.com/en/US/docs/ios/mcl/124tmcl/124t_nml.html)

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