



BGP Support for TCP Path MTU Discovery per Session

Border Gateway Protocol (BGP) support for TCP path maximum transmission unit (MTU) discovery introduces the ability for BGP to automatically discover the best TCP path MTU for each BGP session. TCP path MTU discovery is enabled by default for all BGP neighbor sessions, but you can disable, and subsequently enable, the TCP path MTU discovery globally for all BGP sessions or for an individual BGP neighbor session.

Configuration Information

Configuration information is included in the “Configuring BGP Neighbor Session Options” module of the *Cisco IOS BGP Configuration Guide*, Release 12.4T, at the following URL:

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

The following sections provide information about this feature:

- BGP Support for TCP Path MTU Discovery per Session
- Configuring BGP Support for TCP Path MTU Discovery per Session
- Configuring BGP Support for TCP Path MTU Discovery per Session: Examples

For a complete list of features included in the “Configuring BGP Neighbor Session Options” module, see the Feature Information table located toward the end of the module.

Command Reference Information

Release 12.2SB

The following commands are new or modified for this feature:

- **bgp transport**
- **neighbor transport**
- **show ip bgp neighbors**



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Detailed information about these commands is included in the *Cisco IOS IP Routing Protocols Command Reference*, Release 12.2SB, at the following URL:

http://www.cisco.com/univercd/cc/td/doc/product/software/ios122sb/cr/sbirp_r/index.htm

Release 12.2SX

The following commands are new or modified for this feature:

- **bgp transport**
- **neighbor transport**
- **show ip bgp neighbors**

Detailed information about these commands is included in the *Cisco IOS IP Routing Protocols Command Reference*, Release 12.2SX, at the following URL:

http://www.cisco.com/univercd/cc/td/doc/product/software/ios122sx/cr/sxipr_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 12.2SB

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

<http://www.cisco.com/univercd/cc/td/doc/product/software/ios122sb/122sbrln/122sbix.htm>

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