BGP Support for TCP Path MTU Discovery per Session

Border Gateway Protocol (BGP) support for Transmission Control Protocol (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 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” chapter of the *Cisco IOS BGP Configuration Guide*, Release 12.4T, at the following URL:

Command Reference Information
Command reference information is included in the *Cisco IOS IP Routing Protocols Command Reference*, Release 12.2SR, at the following URL:

New or Modified Commands
The following commands are new or modified for this feature:

- `bgp transport`
- `neighbor transport`
- `show ip bgp neighbors`

Any Internet Protocol (IP) addresses used in this document are not intended to be actual addresses. Any examples, command display output, and figures included in the document are shown for illustrative purposes only. Any use of actual IP addresses in illustrative content is unintentional and coincidental.

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