



BGP Support for Fast Peering Session Deactivation

The BGP Support for Fast Peering Session Deactivation feature introduces an event-driven notification system that allows a Border Gateway Protocol (BGP) process to monitor BGP peering sessions on a per-neighbor basis. This feature improves the response time of BGP to adjacency changes by allowing BGP to detect an adjacency change and deactivate the terminated session in between standard BGP scanning intervals. Enabling this feature improves overall BGP convergence.

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/en/US/docs/ios/12_4t/ip_route/configuration/guide/brbpeer.html

The following sections provide information about this feature:

- BGP Support for Fast Peering Session Deactivation
- Configuring Fast Session Deactivation
- Configuring Fast Session Deactivation for a BGP Neighbor: Example

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

The following command is new or modified for this feature:

- **neighbor fall-over**

Detailed information about this command is included in the *Cisco IOS IP Routing: BGP Command Reference*, at the following URL:

http://www.cisco.com/en/US/docs/ios/iproute_bgp/command/reference/irg_book.html



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Master Command List

For an alphabetical list of all Cisco IOS commands, see the *Cisco IOS Master Command List* at the following URL:

http://www.cisco.com/en/US/docs/ios/mcl/allreleasemcl/all_book.html

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