



# BGP Support for Dual AS Configuration for Network AS Migrations

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The BGP Support for Dual AS Configuration for Network AS Migrations feature extends the functionality of the Border Gateway Protocol (BGP) local-AS feature by providing additional configuration options for customizing autonomous system paths. The configuration of this feature is transparent to customer peering sessions, allowing the provider to merge two autonomous systems without interrupting customer peering arrangements. Customer peering sessions can be updated later during a maintenance window or during other scheduled downtime.

## 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/tbgp\\_c/brbpeer.htm](http://www.cisco.com/univercd/cc/td/doc/product/software/ios124/124tcg/tbgp_c/brbpeer.htm)

The following sections provide information about this feature:

- BGP Network Autonomous System Migration
- Configuring Dual-AS Peering for Network Migration
- Configuring Dual-AS Peering for Network Migration: 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 12.2SR

The following commands are new or modified for this feature:

- **neighbor local-as**



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

[http://www.cisco.com/univercd/cc/td/doc/product/software/ios122sr/cr/sripr\\_r/index.htm](http://www.cisco.com/univercd/cc/td/doc/product/software/ios122sr/cr/sripr_r/index.htm)

#### **Release 12.2SX**

The following commands are new or modified for this feature:

- **neighbor local-as**

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](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 12.2SR**

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

<http://www.cisco.com/univercd/cc/td/doc/product/software/ios122sr/122srmdx/122sridx.htm>

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