



# L Commands

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This chapter describes the Cisco NX-OS Border Gateway Protocol (BGP) commands that begin with L.

# local-as

To configure the Border Gateway Protocol (BGP) local autonomous system (AS) number, use the **local-as** command.

**local-as** *as-number*

|                           |  |
|---------------------------|--|
| <b>Syntax Description</b> | <i>as-number</i> (Optional) Autonomous system number. The AS number can be a 16-bit integer or a 32-bit integer in the form of <higher 16-bit decimal number>.<lower 16-bit decimal number>. |
|---------------------------|--|

|                        |      |
|------------------------|------|
| <b>Command Default</b> | None |
|------------------------|------|

|                      |                 |
|----------------------|-----------------|
| <b>Command Modes</b> | Router VRF mode |
|----------------------|-----------------|

| <b>Command History</b> | <b>Release</b> | <b>Modification</b>          |
|------------------------|----------------|------------------------------|
|                        | 6.0(2)N1(1)    | This command was introduced. |

|                         |  |
|-------------------------|--|
| <b>Usage Guidelines</b> | This command requires the LAN Enterprise Services license. |
|-------------------------|--|

|                 |  |
|-----------------|--|
| <b>Examples</b> | This example shows how to configure the local AS number for BGP: |
|-----------------|--|

```
switch# configure terminal
switch(config)# router bgp 65536.33
switch(config-router)# vrf red
switch(config-router-vrf)# local-as 65536.33
```

| <b>Related Commands</b> | <b>Command</b>  | <b>Description</b>              |
|-------------------------|-----------------|---------------------------------|
|                         | <b>show bgp</b> | Displays information about BGP. |

# low-memory exempt

To exempt a Border Gateway Protocol (BGP) neighbor from a low-memory shutdown, use the **low-memory exempt** command. To make a BGP neighbor eligible for a low-memory shutdown, use the **no** form of this command.

**low-memory exempt**

**no low-memory exempt**

## Syntax Description

This command has no arguments or keywords.

## Command Default

Some eBGP peers shut down for severe memory alerts.

## Command Modes

Neighbor configuration mode

## Command History

| Release     | Modification                 |
|-------------|------------------------------|
| 6.0(2)N1(1) | This command was introduced. |

## Usage Guidelines

This command requires the LAN Enterprise Services license.

## Examples

This example shows how to exempt a neighbor from low-memory shutdown:

```
switch(config)# router bgp 1.0  
switch(config-router)# neighbor 192.0.2.0/24 remote-as 1.5  
switch(config-router-af)# low-memory exempt
```

## Related Commands

| Command            | Description  |
|--------------------|--------------|
| <b>feature bgp</b> | Enables BGP. |

■ low-memory exempt