



## P Commands

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

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# password (BGP)

To configure Border Gateway Protocol (BGP) to use MD5 authentication, use the **password** command. To disable this function, use the **no** form of this command.

**password** [*auth-key string* | *string*]

**no password** [*auth-key string* | *string*]

|                           |                 |   |
|---------------------------|-----------------|---|
| <b>Syntax Description</b> | <i>auth-key</i> | (Optional) MD5 authentication key. You can enter an unencrypted (cleartext) key, or one of these values followed by a space and the MD5 authentication key: <ul style="list-style-type: none"> <li>0—Specifies an unencrypted (cleartext) key</li> <li>3—Specifies a 3-DES encrypted key</li> <li>7—Specifies a Cisco Type 7 encrypted key</li> </ul> The key can be from 1 to 16 characters. |
|                           | <i>string</i>   | (Optional) Neighbor password.   |

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

|                      |                                 |
|----------------------|---------------------------------|
| <b>Command Modes</b> | BGP neighbor configuration mode |
|----------------------|---------------------------------|

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

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|-------------------------|--|
| <b>Usage Guidelines</b> | This command requires the LAN Enterprise Services license. |
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|                 |   |
|-----------------|---|
| <b>Examples</b> | This example shows how to enable an unencrypted key for a BGP neighbor: |
|-----------------|---|

```
switch(config)# router bgp 101
switch(config-router)# neighbor 192.0.2.1 remote-as 1.2
switch(config-route-neighbor)# password 0 myauthkey
switch(config-route-neighbor)#
```

This example shows how to disable an unencrypted authentication key for a BGP neighbor:

```
switch(config)# router bgp 101
switch(config-router)# neighbor 192.0.2.1 remote-as 1.2
switch(config-route-neighbor)# no password 0 myauthkey
switch(config-route-neighbor)#
```

***Review Draft -- Cisco Confidential*****Related Commands**

| Command     | Description                            |
|-------------|--|
| show ip bgp | Displays information about BGP routes. |

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