



P Commands

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passive-interface

passive-interface

Description: Set OSPF Interface Policy Controls

Command Mode: template ospf interface-policy : Configure OSPF Interface Policy Templates

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# template ospf interface-policy <WORD> tenant <WORD>
(config-interface-policy)# passive-interface
```

passphrase

passphrase <WORD>

Description: Configure passphrase for AES encryption

Syntax:

<i>WORD</i>	Passphrase for AES encryption (Range of chars: 16-32) in quotes (Max Size 32)
-------------	---

Command Mode: crypto aes : AES encryption configuration

Command Path:

```
# configure [['terminal', 't']]
(config)# crypto aes
(config-aes)# passphrase <WORD>
```

password

password <WORD>

Description: Set The system user password.

Syntax:

<i>WORD</i>	Change user password (Max Size 256) - Only for admin use
-------------	--

Command Mode: username : Create a locally-authenticated user account

Command Path:

```
# configure [['terminal', 't']]
(config)# username <WORD>
(config-username)# password <WORD>
```

password <WORD>

Description: Set The new password.

Syntax:

< <i>WORD</i> >	new password
-----------------	--------------

Command Mode: csr : A csr mode to create and hold an SSL certificate

Command Path:

```
# configure [['terminal', 't']]
(config)# crypto keyring <WORD>
(config-keyring)# csr
(config-csr)# password <WORD>
```

password WORD

Description: Configure a password for neighbor

Syntax:

<i>WORD</i>	Enter Clear-text password
-------------	---------------------------

Command Mode: neighbor : Configure a BGP neighbor

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# router bgp <fabric-ASN>
(config-bgp)# vrf member tenant <WORD> vrf <WORD>
```

```
(config-leaf-bgp-vrf)# neighbor A.B.C.D|A.B.C.D/LEN|A:B::C:D|A:B::C:D/LEN [l3out <WORD>]  
(config-leaf-bgp-vrf-neighbor)# password WORD
```

password change-count

password change-count <NUMBER>

Description: Set the number of password changes allowed within change interval

Syntax:

<0-10>	Set the number of password changes allowed within change interval. Number range from=0 to=10
--------	---

Command Mode: configure : Configuration Mode

Command Path:

```
# configure [['terminal', 't']]
(config)# password change-count <NUMBER>
```

password change-during-interval

password change-during-interval <change-during-interval>

Description: Set change count/interval policy selector for enforcing password change.

Syntax:

< <i>change-during-interval</i> >	<change-during-interval>
-----------------------------------	--------------------------

Command Mode: configure : Configuration Mode

Command Path:

```
# configure [['terminal', 't']]
(config)# password change-during-interval <change-during-interval>
```


password change-interval

password change-interval <NUMBER>

Description: Set time interval for limiting the number of password changes (unit: Hours)

Syntax:

<1-745>	Set A time interval for limiting the number of password changes (unit: Hours). Number range from=1 to=745
---------	---

Command Mode: configure : Configuration Mode

Command Path:

```
# configure [['terminal', 't']]
(config)# password change-interval <NUMBER>
```

password history-count

password history-count <NUMBER>

Description: Set number of retired passwords to store in user's history.

Syntax:

<0-15>	Set number of retired passwords to store in user history.. Number range from=0 to=15
--------	--

Command Mode: configure : Configuration Mode

Command Path:

```
# configure [['terminal', 't']]  
(config)# password history-count <NUMBER>
```

password no-change-interval

password no-change-interval <NUMBER>

Description: Set minimum period before which user cannot change password again (unit: hours)

Syntax:

<1-745>	Set minimum period before which user cannot change password again (unit: hours). Number range from=1 to=745
---------	---

Command Mode: configure : Configuration Mode

Command Path:

```
# configure [['terminal', 't']]
(config)# password no-change-interval <NUMBER>
```

password pwd-strength-check

password pwd-strength-check

Description: Enforces the strength of password for all users

Command Mode: configure : Configuration Mode

Command Path:

```
# configure [['terminal', 't']]  
(config)# password pwd-strength-check
```

path

path ftp|sftp|scp <HOST> [port <NUMBER>] [remote-directory <PATH>]

Description: Configure remote path properties

Syntax:

ftp	FTP
sftp	Secure FTP
scp	Secure copy
<i>HOST</i>	Remote host name or IP address
<0-65535>	(Optional) Remote port. Number range from=0 to=65535
<i>PATH</i>	(Optional) Remote directory: path/to/some/dir

Command Mode: remote : Remote path configuration mode

Command Path:

```
# configure [['terminal', 't']]
(config)# remote path <WORD>
(config-remote)# path ftp|sftp|scp <HOST> [port <NUMBER>] [remote-directory <PATH>]
```

peer-dead-interval

peer-dead-interval <NUMBER>

Description: Configure Peer dead Interval

Syntax:

<5-600>	Peer dead Interval value. Number range from=5 to=600
---------	--

Command Mode: vpc domain explicit : Pair two leaf nodes explicitly

Command Path:

```
# configure [['terminal', 't']]
(config)# vpc domain explicit <NUMBER> leaf <101-4000> <101-4000>
(config-vpc)# peer-dead-interval <NUMBER>
```

periodic-inventory notification

periodic-inventory notification schedule <schedName>

Description: Configure periodic notifications Parameters

Syntax:

schedule	Configure periodic notification scheduler
<schedName>	scheduler name

Command Mode: callhome : Callhome common policy configuration mode

Command Path:

```
# configure [['terminal', 't']]
(config)# callhome common
(config-callhome)# periodic-inventory notification schedule <schedName>
```

phone-contact

phone-contact <WORD>

Description: The contact phone number

Syntax:

<i>WORD</i>	Phone number in international format(such as +1-800-123-4567) (Max Size 512)
-------------	--

Command Mode: destination-profile : Configure destination profile Parameters

Command Path:

```
# configure [['terminal', 't']]
(config)# callhome common
(config-callhome)# destination-profile
(config-callhome-destnprof)# phone-contact <WORD>
```


phone

phone <WORD>

Description: Set The phone number of the locally-authenticated user.

Syntax:

<i>WORD</i>	phone number (Max Size 512)
-------------	-----------------------------

Command Mode: username : Create a locally-authenticated user account

Command Path:

```
# configure [['terminal', 't']]
(config)# username <WORD>
(config-username)# phone <WORD>
```

pod

pod 1

Description: Pod configuration mode

Syntax:

1	Enter Pod ID
---	--------------

Command Mode: configure : Configuration Mode

Command Path:

```
# configure [['terminal', 't']]  
(config)# pod 1
```

policy-group

policy-group <WORD>

Description: Associate an Interface Policy Group to this Interface Group

Syntax:

<i>WORD</i>	Interface Policy Group Name (Max Size 64)
-------------	---

Command Mode: leaf-interface-group : Configure Leaf Interface Group

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf-interface-profile <WORD>
(config-leaf-if-profile)# leaf-interface-group <WORD>
(config-leaf-if-group)# policy-group <WORD>
```

policy-group <WORD>

Description: Configure Policy Group on the Fex

Syntax:

<i>WORD</i>	Interface Policy Group Name (Max Size 64)
-------------	---

Command Mode: fex-interface-group : Configure Fex Interface Group

Command Path:

```
# configure [['terminal', 't']]
(config)# fex-profile <WORD>
(config-fex-profile)# fex-interface-group <WORD>
(config-fex-if-group)# policy-group <WORD>
```

policy-group <WORD> [force]

Description: Configure Policy Group

Syntax:

<i>WORD</i>	Interface Policy Group Name (Max Size 64)
force	(Optional) Delete Per Port Configuration and apply the existing policy-group config

Command Mode: interface ethernet : Ethernet IEEE 802.3z

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface ethernet <ifRange>
(config-leaf-if)# policy-group <WORD> [force]
```

policy-map

policy-map type data-plane <WORD>

Description: Create a policymap of DataPlane type to police/reclassify the traffic

Syntax:

type	Type of the Qos Policy
data-plane	QOS policy for Data Plane Policing
<i>WORD</i>	Name of the policy-map to add (Max Size 64)

Command Mode: configure : Configuration Mode

Command Path:

```
# configure [['terminal', 't']]
(config)# policy-map type data-plane <WORD>
```

policy-map type data-plane

policy-map type data-plane <WORD>

Description: data-plane policy type

Syntax:

type	Policy Type
<i>WORD</i>	Name of the policy-map to add (Max Size 64)

Command Mode: tenant : tenant configuration mode

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# policy-map type data-plane <WORD>
```

policy-map type qos

policy-map type qos <WORD>

Description: QOS policy type

Syntax:

type	Policy Type
<i>WORD</i>	Name of the policy-map to add (Max Size 64)

Command Mode: tenant : tenant configuration mode

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# policy-map type qos <WORD>
```

port

port <NUMBER>

Description: LDAP server port for authentication

Syntax:

<1-65535>	Port number. Number range from=1 to=65535
-----------	---

Command Mode: ldap-server host : LDAP server DNS name or IP address

Command Path:

```
# configure [['terminal', 't']]
(config)# ldap-server host <A.B.C.D|A:B::C:D|WORD>
(config-host)# port <NUMBER>
```

port <NUMBER>

Description: RADIUS server port for authentication

Syntax:

<1-65535>	RADIUS server port for authentication. Number range from=1 to=65535
-----------	---

Command Mode: radius-server host : RADIUS server's DNS name or its IP address

Command Path:

```
# configure [['terminal', 't']]
(config)# radius-server host <A.B.C.D|A:B::C:D|WORD>
(config-host)# port <NUMBER>
```

port <NUMBER>

Description: TACACS server port for authentication

Syntax:

<1-65535>	RADIUS server port for authentication. Number range from=1 to=65535
-----------	---

Command Mode: tacacs-server host : TACACS+ server's DNS name or its IP address

Command Path:

```
# configure [['terminal', 't']]
(config)# tacacs-server host <A.B.C.D|A:B::C:D|WORD>
(config-host)# port <NUMBER>
```


port <NUMBER>

Description: Set the port used for SSH communication service.

Syntax:

<0-65535>	Set the port used for SSH communication service.. Number range from=0 to=65535
-----------	--

Command Mode: ssh-service : SSH communication policy group

Command Path:

```
# configure [['terminal', 't']]
(config)# comm-policy <WORD>
(config-comm-policy)# ssh-service
(config-ssh-service)# port <NUMBER>
```

port <NUMBER>

Description: Set the port used for TELNET communication service.

Syntax:

<0-65535>	Set the port used for TELNET communication service.. Number range from=0 to=65535
-----------	---

Command Mode: telnet : TELNET communication policy group

Command Path:

```
# configure [['terminal', 't']]
(config)# comm-policy <WORD>
(config-comm-policy)# telnet
(config-telnet)# port <NUMBER>
```

port <NUMBER>

Description: Set the port used for HTTP communication service.

Syntax:

<1-65535>	Set the port used for HTTP communication service.. Number range from=1 to=65535
-----------	---

Command Mode: http : HTTP communication policy group

Command Path:

```
# configure [['terminal', 't']]
(config)# comm-policy <WORD>
(config-comm-policy)# http
(config-http)# port <NUMBER>
```

port <NUMBER>

Description: Set the port used for HTTPS communication service

Syntax:

<1-65535>	Set the port used for HTTPS communication service. Number range from=1 to=65535
-----------	---

Command Mode: https : HTTPS communication policy group

Command Path:

```
# configure [['terminal', 't']]
(config)# comm-policy <WORD>
(config-comm-policy)# https
(config-https)# port <NUMBER>
```

porttrack delay

porttrack delay <1-300>

Description: Set Port Tracking Delay

Syntax:

<1-300>	Delay value
---------	-------------

Command Mode: configure : Configuration Mode

Command Path:

```
# configure [['terminal', 't']]
(config)# porttrack delay <1-300>
```

porttrack minlinks

porttrack minlinks <0-12>

Description: Set Port Tracking minimum links left up before trigger

Syntax:

<0-12>	Minlinks Value
--------	----------------

Command Mode: configure : Configuration Mode

Command Path:

```
# configure [['terminal', 't']]
(config)# porttrack minlinks <0-12>
```

porttrack state

porttrack state on

Description: Set Port Tracking State

Syntax:

on	To enable port tracking state
----	-------------------------------

Command Mode: configure : Configuration Mode

Command Path:

```
# configure [['terminal', 't']]
(config)# porttrack state on
```

power

power redundancy-policy <WORD>

Description: Create a power supply redundancy policy

Syntax:

redundancy-policy	Create a power supply redundancy policy
<i>WORD</i>	Power supply redundancy policy name (Max Size 64)

Command Mode: configure : Configuration Mode

Command Path:

```
# configure [['terminal', 't']]  
(config)# power redundancy-policy <WORD>
```

prefix-suppression

prefix-suppression

Description: Suppress prefixes

Command Mode: template ospf vrf-policy : Configure Router OSPF Timer Policy Templates

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# template ospf vrf-policy <WORD> tenant <WORD>
(config-vrf-policy)# prefix-suppression
```

preview

preview

Description: Rollback preview mode

Command Mode: snapshot rollback : Configuration rollback setup mode

Command Path:

```
# configure [['terminal', 't']]
(config)# snapshot rollback <WORD>
(config-rollback)# preview
```


priority

priority <NUMBER>

Description: Set OSPF interface priority used to determine the designated router (DR) on a specific network

Syntax:

<0-255>	OSPF priority. Number range from=0 to=255
---------	---

Command Mode: template ospf interface-policy : Configure OSPF Interface Policy Templates

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# template ospf interface-policy <WORD> tenant <WORD>
(config-interface-policy)# priority <NUMBER>
```

priv-type

priv-type <privType>

Description: Set the AAA domain role to set privilege bitmask of a user domain

Syntax:

<privType>	<privType>
------------	------------

Command Mode: role : Create the AAA domain role to set privilege bitmask of a user domain

Command Path:

```
# configure [['terminal', 't']]
(config)# username <WORD>
(config-username)# domain <WORD>
(config-domain)# role <WORD>
(config-role)# priv-type <privType>
```

priv

priv <privileges>

Description: Set privileges (comma separated values)

Syntax:

<privileges>	Privileges as comma separated values like val1,val2,..valN
--------------	--

Command Mode: rbac role : Create AAA role, attributes and privileges for user authorization

Command Path:

```
# configure [['terminal', 't']]
(config)# rbac role <WORD>
(config-role)# priv <privileges>
```

private-as-control

private-as-control remove-exclusive|remove-exclusive-all|remove-exclusive-all-replace-as

Description: Private AS Control

Syntax:

remove-exclusive	Remove private AS
remove-exclusive-all	Remove all private AS
remove-exclusive-all-replace-as	Replace private AS with local AS

Command Mode: neighbor : Configure a BGP neighbor

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# router bgp <fabric-ASN>
(config-bgp)# vrf member tenant <WORD> vrf <WORD>
(config-leaf-bgp-vrf)# neighbor A.B.C.D|A.B.C.D/LEN|A:B::C:D|A:B::C:D/LEN [l3out <WORD>]
(config-leaf-bgp-vrf-neighbor)# private-as-control
remove-exclusive|remove-exclusive-all|remove-exclusive-all-replace-as
```

protocol

protocol <protocol>

Description: RADIUS server protocol for authentication

Syntax:

<i><protocol></i>	<protocol>
-------------------------	------------

Command Mode: radius-server host : RADIUS server's DNS name or its IP address

Command Path:

```
# configure [['terminal', 't']]
(config)# radius-server host <A.B.C.D|A:B::C:D|WORD>
(config-host)# protocol <protocol>
```

protocol <WORD>

Description: Set the TACACS+ authentication protocol

Syntax:

<i>WORD</i>	TACACS+ authentication protocol
-------------	---------------------------------

Command Mode: tacacs-server host : TACACS+ server's DNS name or its IP address

Command Path:

```
# configure [['terminal', 't']]
(config)# tacacs-server host <A.B.C.D|A:B::C:D|WORD>
(config-host)# protocol <WORD>
```

pwd-lifetime

pwd-lifetime <NUMBER>

Description: Set The lifetime of the user password (0 = No password expiration)

Syntax:

<0-3650>	lifetime of locally-authenticated user password. Number range from=0 to=3650
----------	--

Command Mode: username : Create a locally-authenticated user account

Command Path:

```
# configure [['terminal', 't']]
(config)# username <WORD>
(config-username)# pwd-lifetime <NUMBER>
```