



## P Commands

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# passive-interface

## passive-interface

**Description:** Suppress routing updates on the interface

**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
```

## passive-interface

**Description:** Suppress routing updates on the interface

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

**Command Path:**

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

# passphrase

## passphrase

**Description:** Configure passphrase for AES encryption

**Command Mode:** crypto aes : AES encryption configuration

**Command Path:**

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

# passwd-auth-enable

## passwd-auth-enable

**Description:** Enable Password Auth for SSH communication service

**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)# passwd-auth-enable
```

# passwd

**passwd**

**Description:** Update user's authentication tokens

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# passwd
```

# password

## password

**Description:** Set The system user password.

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

**Command Path:**

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

## password

**Description:** Set The 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
```

## 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-leaf-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 [evpn] [13out
<WORD>]
(config-leaf-bgp-vrf-neighbor)# 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)# spine <101-4000>
(config-spine)# router bgp <fabric-ASN>
(config-leaf-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 [evpn] [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:**

<change-during-interval>	<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 change-password

## password change-password

**Description:** change the current password and set a new one

**Command Mode:** configure : Configuration Mode

**Command Path:**

```
# configure [['terminal', 't']]  
(config)# password change-password
```

# 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-rules

**password pwd-rules minimum-length <minimum-length> maximum-length <maximum-length> pwd-rule default|custom custom-password-class ULD|ULSp|UDSp|LDSp|ULDSp**

**Description:** Enables the configuration of password rules

**Syntax:**

minimum-length	Minimum Password Length
<minimum-length>	Minimum Password Length( > = 8)
maximum-length	Maximum Password Length
<maximum-length>	Maximum Password Length(< = 64
pwd-rule	Password Rule
default	Use system default password rules
custom	Use custom password rules
custom-password-class	Custom Password Class
ULD	Uppercase-Lowercase-Digit
ULSp	Uppercase-Lowercase-Specialchar
UDSp	Uppercase-Digit-Specialchar
LDSp	Lowercase-Digit-Specialchar
ULDSp	Uppercase-Lowercase-Digit-Specialchar

**Command Mode:** configure : Configuration Mode

**Command Path:**

```
# configure [['terminal', 't']]
(config)# password pwd-rules minimum-length <minimum-length> maximum-length <maximum-length>
pwd-rule default|custom custom-password-class ULD|ULSp|UDSp|LDSp|ULDSp
```

# 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>]
```

# pause

**pause no-drop cos <NUMBER> [fabric]**

**Description:** Configure class based flow control characteristics

**Syntax:**

no-drop	Configure class based flow control characteristics
cos	Configure class of service
<interval>	Configure class of service. Number range from=0 to=7
fabric	(Optional) Set scope to Fabric, default is Tor

**Command Mode:** qos parameters : Configure the global QOS policies

**Command Path:**

```
# configure [['terminal', 't']]
(config)# qos parameters <WORD>
(config-qos)# pause no-drop cos <NUMBER> [fabric]
```

# pecycles

**pecycles** <3000-10000>

**Description:** Set peCycles for ssd flash config

**Syntax:**

<3000-10000>	PeCycles
--------------	----------

**Command Mode:** flash-config : Configure SSD Flash Config policy

**Command Path:**

```
# configure [['terminal', 't']]
(config)# flash-config <WORD>
(config-flash-config)# pecycles <3000-10000>
```

# 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>
```

## periodic-inventory notification schedule <schedName>

**Description:** Configure periodic notifications Parameters

**Syntax:**

schedule	Configure periodic notification scheduler
<schedName>	scheduler name

**Command Mode:** smartcallhome : Smart Callhome common policy configuration mode

**Command Path:**

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

# permit

**permit** [**src-ip** <A.B.C.D/LEN>] [**src-ipv6** <A:B::C:D/LEN>] [**dst-ip** <A.B.C.D/LEN >] [**dst-ipv6** <A:B::C:D/LEN >] [**proto** <proto>] [**src-port** <from>-<to>] **contained in** <0-65535>] [**dst-port** <from>-<to>] **contained in** <0-65535>]

**Description:** Create leaf acl policy

## Syntax:

<i>A.B.C.D/LEN</i>	(Optional) IP prefix network/length, e.g., 35.0.0.0/8
<i>A:B::C:D/LEN</i>	(Optional) IPv6 prefix network/length, e.g., 2001::/64
<i>A.B.C.D/LEN</i>	(Optional) IP prefix network/length, e.g., 35.0.0.0/8
<i>A:B::C:D/LEN</i>	(Optional) IPv6 prefix network/length, e.g., 2001::/64
<i>proto</i>	(Optional) Protocol
<i>&lt;from&gt;-&lt;to&gt; contained in &lt;0-65535&gt;</i>	(Optional) Source port Range
<i>&lt;from&gt;-&lt;to&gt; contained in &lt;0-65535&gt;</i>	(Optional) Destination port Range

**Command Mode:** template control-plane-policing-prefilter-leaf : Create leaf ACL policy to police/reclassify the traffic

## Command Path:

```
# configure [['terminal', 't']]
(config)# template control-plane-policing-prefilter-leaf <WORD>
(config-control-plane-policing-prefilter-leaf)# permit [src-ip <A.B.C.D/LEN>] [src-ipv6
<A:B::C:D/LEN>] [dst-ip <A.B.C.D/LEN >] [dst-ipv6 <A:B::C:D/LEN >] [proto <proto>] [src-port
<from>-<to>] contained in <0-65535>] [dst-port <from>-<to>] contained in <0-65535>]
```

**permit** [**src-ip** <A.B.C.D/LEN>] [**src-ipv6** <A:B::C:D/LEN>] [**dst-ip** <A.B.C.D/LEN >] [**dst-ipv6** <A:B::C:D/LEN >] [**proto** <proto>] [**src-port** <from>-<to>] **contained in** <0-65535>] [**dst-port** <from>-<to>] **contained in** <0-65535>]

**Description:** Create spine acl policy

## Syntax:

<i>A.B.C.D/LEN</i>	(Optional) IP prefix network/length, e.g., 35.0.0.0/8
<i>A:B::C:D/LEN</i>	(Optional) IPv6 prefix network/length, e.g., 2001::/64
<i>A.B.C.D/LEN</i>	(Optional) IP prefix network/length, e.g., 35.0.0.0/8
<i>A:B::C:D/LEN</i>	(Optional) IPv6 prefix network/length, e.g., 2001::/64
<i>proto</i>	(Optional) Protocol

<i>&lt;from&gt;-[&lt;to&gt;] contained in &lt;0-65535&gt;</i>	(Optional) Source port Range
<i>&lt;from&gt;-[&lt;to&gt;] contained in &lt;0-65535&gt;</i>	(Optional) Destination port Range

**Command Mode:** template control-plane-policing-prefilter-spine : Create spine ACL policy to police/reclassify the traffic

**Command Path:**

```
# configure [['terminal', 't']]
(config)# template control-plane-policing-prefilter-spine <WORD>
(config-control-plane-policing-prefilter-spine)# permit [src-ip <A.B.C.D/LEN>] [src-ipv6
<A:B::C:D/LEN>] [dst-ip <A.B.C.D/LEN >] [dst-ipv6 <A:B::C:D/LEN >] [proto <proto>] [src-port
<from>-[<to>] contained in <0-65535>] [dst-port <from>-[<to>] contained in <0-65535>]
```

# 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 16)
-------------	---

**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-contact <WORD>

**Description:** The contact phone number

### Syntax:

<i>WORD</i>	Phone number in international format(such as +1-800-123-4567) (Max Size 16)
-------------	---

**Command Mode:** destination-profile : Configure destination profile Parameters

### Command Path:

```
# configure [['terminal', 't']]
(config)# smartcallhome common
(config-smartcallhome)# 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 16)
-------------	----------------------------

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

**Command Path:**

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

# pod-profile

**pod-profile** <WORD>

**Description:** POD Profile

**Syntax:**

<i>WORD</i>	Pod Profile Name (Max Size 64)
-------------	--------------------------------

**Command Mode:** configure : Configuration Mode

**Command Path:**

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

# pod

## pod <NUMBER>

**Description:** Pod configuration mode

**Syntax:**

<I-I>	Enter Pod ID. Number range from=1 to=1
-------	--

**Command Mode:** configure : Configuration Mode

**Command Path:**

```
# configure [['terminal', 't']]
(config)# pod <NUMBER>
```

## pod <NUMBER>

**Description:** Pod Profile

**Syntax:**

<ID>	Pod ID. Number range from=1 to=255
------	------------------------------------

**Command Mode:** fabric-external : Intrasite/Intersite Connectivity Profile

**Command Path:**

```
# configure [['terminal', 't']]
(config)# fabric-external <NUMBER>
(config-fabric-external)# pod <NUMBER>
```

## pod <1-255>

**Description:** Add pods to zone

**Syntax:**

<I-255>	Range of Pods
---------	---------------

**Command Mode:** zone : Create zone policy

**Command Path:**

```
# configure [['terminal', 't']]
(config)# zones
(config-zones)# zone <WORD>
(config-zone)# pod <1-255>
```

# pods

**pods <1-255>**

**Description:** Set of PODs

**Syntax:**

<1-255>	Range of Pods
---------	---------------

**Command Mode:** pod-profile : POD Profile

**Command Path:**

```
# configure [['terminal', 't']]
(config)# pod-profile <WORD>
(config-pod-profile)# pods <1-255>
```

# policeact

**policeact** <arg>

**Description:** Policing Action

**Syntax:**

<i>arg</i>	Policing Action
------------	-----------------

**Command Mode:** switchport power-over-ethernet : Power Over Ethernet configuration

**Command Path:**

```
# configure [['terminal', 't']]
(config)# template policy-group <WORD>
(config-pol-grp-if)# switchport power-over-ethernet <WORD>
(config-power-over-ethernet)# policeact <>
```

# 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 Leaf Interface 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-group <WORD> [force]**

**Description:** Configure Leaf Interface 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)# spine <101-4000>
(config-spine)# interface ethernet <ifRange>
(config-leaf-if)# policy-group <WORD> [force]
```

# policy-map type control-plane-if

**policy-map type control-plane-if** <WORD>

**Description:** Create interface ControlPlane policy to police/reclassify the traffic

**Syntax:**

<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 control-plane-if <WORD>
```



# policy-map type control-plane-leaf

**policy-map type control-plane-leaf <WORD>**

**Description:** Create leaf aggregate ControlPlane policy to police/reclassify the traffic

**Syntax:**

<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 control-plane-leaf <WORD>
```

# policy-map type control-plane-spine

**policy-map type control-plane-spine <WORD>**

**Description:** Create spine aggregate ControlPlane policy to police/reclassify the traffic

**Syntax:**

<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 control-plane-spine <WORD>
```

# policy-map type data-plane

## policy-map type data-plane <WORD>

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

**Syntax:**

<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 <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 port-authentication

**policy-map type port-authentication <WORD>**

**Description:** Create node level port authentication policy

**Syntax:**

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

**Command Mode:** configure : Configuration Mode

**Command Path:**

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

# policy-map type qos

**policy-map type qos** <WORD>

**Description:** QOS policy type

**Syntax:**

type	Policy Type
WORD	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>
```

# policy-protocol

**policy-protocol** <WORD>

**Description:** Create policy protocol

**Syntax:**

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

**Command Mode:** policy-map type control-plane-if : Create interface ControlPlane policy to police/reclassify the traffic

**Command Path:**

```
# configure [['terminal', 't']]
(config)# policy-map type control-plane-if <WORD>
(config-pmap-copp-if)# policy-protocol <WORD>
```

# port-authentication

**port-authentication** <WORD>

**Description:** Add port authentication policy

**Syntax:**

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

**Command Mode:** template leaf-policy-group : Configure Leaf Policy Group

**Command Path:**

```
# configure [['terminal', 't']]
(config)# template leaf-policy-group <WORD>
(config-leaf-policy-group)# port-authentication <WORD>
```

# port-authentication fail-auth-epg

**port-authentication fail-auth-epg tenant <arg> application <arg> epg <arg>**

**Description:** Set default EPg name if authentication fails

**Syntax:**

tenant	Tenant hosting the EPg
<i>arg</i>	
application	Application Name
<i>arg</i>	
epg	Deploy EPg if authentication fails
<i>arg</i>	

**Command Mode:** leaf : Configure Leaf Node

**Command Path:**

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# port-authentication fail-auth-epg tenant <> application <> epg <>
```

**port-authentication fail-auth-epg tenant <arg> application <arg> epg <arg>**

**Description:** Set default EPg name if authentication fails

**Syntax:**

tenant	Tenant hosting the EPg
<i>arg</i>	
application	Application Name
<i>arg</i>	
epg	Deploy EPg if authentication fails
<i>arg</i>	

**Command Mode:** spine : Configure Spine Node

**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# port-authentication fail-auth-epg tenant <> application <> epg <>
```



## port-authentication fail-auth-vlan

### port-authentication fail-auth-vlan <vlan-id>

**Description:** Set default vlan encap if authentication fails

**Syntax:**

<vlan-id>	Configure Vlan ID
-----------	-------------------

**Command Mode:** leaf : Configure Leaf Node

**Command Path:**

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# port-authentication fail-auth-vlan <vlan-id>
```

### port-authentication fail-auth-vlan <vlan-id>

**Description:** Set default vlan encap if authentication fails

**Syntax:**

<vlan-id>	Configure Vlan ID
-----------	-------------------

**Command Mode:** spine : Configure Spine Node

**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# port-authentication fail-auth-vlan <vlan-id>
```

# port-authentication radius-provider-group

**port-authentication radius-provider-group <arg>**

**Description:** Set radius provider group

**Syntax:**

<i>arg</i>	
------------	--

**Command Mode:** leaf : Configure Leaf Node

**Command Path:**

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# port-authentication radius-provider-group <>
```

**port-authentication radius-provider-group <arg>**

**Description:** Set radius provider group

**Syntax:**

<i>arg</i>	
------------	--

**Command Mode:** spine : Configure Spine Node

**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# port-authentication radius-provider-group <>
```

# port-direction

## port-direction uplink|downlink

**Description:** Configure an interface as up/downlink

**Syntax:**

uplink	port is uplink
downlink	port is downlink

**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)# port-direction uplink|downlink
```

## port-direction uplink|downlink

**Description:** Configure an interface as up/downlink

**Syntax:**

uplink	port is uplink
downlink	port is downlink

**Command Mode:** interface ethernet : Ethernet IEEE 802.3z

**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface ethernet <ifRange>
(config-leaf-if)# port-direction uplink|downlink
```

# 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:** RSA server port for authentication

**Syntax:**

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

**Command Mode:** rsa-server host : RSA server's DNS name or its IP address

**Command Path:**

```
# configure [['terminal', 't']]
(config)# rsa-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:**

<code>&lt;1-65535&gt;</code>	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:**

<code>&lt;1-65535&gt;</code>	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>
```

**port <arg>**

**Description:** Port Number for TWAMP Server

**Syntax:**

<code>arg</code>	Configure Port Number for TWAMP Server. Number range from=1 to=65535
------------------	--

**Command Mode:** template twamp server-policy : Configure twamp server policy

**Command Path:**

```
# configure [['terminal', 't']]
(config)# template twamp server-policy <WORD>
(config-twamp-server-policy)# port <>
```

**port <from> <to> type fc**

**Description:** Configure Port Conversion

**Syntax:**

<i>from</i>	From port number. Number range from=1 to=128
<i>to</i>	To port number. Number range from=1 to=128
<i>type</i>	Select port type
fc	Fiber Channel

**Command Mode:** slot : Specify Slot Number

**Command Path:**

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# slot <card>
(config-leaf-slot)# port <from> <to> type fc
```

**port <from> <to> type fc**

**Description:** Configure Port Conversion

**Syntax:**

<i>from</i>	From port number. Number range from=1 to=128
<i>to</i>	To port number. Number range from=1 to=128
<i>type</i>	Select port type
fc	Fiber Channel

**Command Mode:** slot : Specify Slot Number

**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# slot <card>
(config-leaf-slot)# port <from> <to> type fc
```

# 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 <0-48>**

**Description:** Set Port Tracking minimum links left up before trigger

**Syntax:**

<0-48>	Minlinks Value
--------	----------------

**Command Mode:** configure : Configuration Mode

**Command Path:**

```
# configure [['terminal', 't']]
(config)# porttrack minlinks <0-48>
```

# 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-over-ethernet

**power-over-ethernet** <WORD>

**Description:** Add power over ethernet policy

**Syntax:**

<i>WORD</i>	Power Over Ethernet Node Policy Name (Max Size 64)
-------------	--

**Command Mode:** template leaf-policy-group : Configure Leaf Policy Group

**Command Path:**

```
# configure [['terminal', 't']]
(config)# template leaf-policy-group <WORD>
(config-leaf-policy-group)# power-over-ethernet <WORD>
```

# power-over-ethernet consumption

**power-over-ethernet consumption <4000-30000>**

**Description:** Set node level power wattage for interface consumption

**Syntax:**

<4000-30000>	Interface power consumption in milliwatts
--------------	---

**Command Mode:** leaf : Configure Leaf Node

**Command Path:**

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# power-over-ethernet consumption <4000-30000>
```

**power-over-ethernet consumption <4000-30000>**

**Description:** Set node level power wattage for interface consumption

**Syntax:**

<4000-30000>	Interface power consumption in milliwatts
--------------	---

**Command Mode:** spine : Configure Spine Node

**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# power-over-ethernet consumption <4000-30000>
```

# power-over-ethernet pwrctrl

**power-over-ethernet pwrctrl <power control>**

**Description:** Enable or Disable PoE for node

**Syntax:**

<i>power control</i>	Power Control
----------------------	---------------

**Command Mode:** leaf : Configure Leaf Node

**Command Path:**

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# power-over-ethernet pwrctrl <power control>
```

**power-over-ethernet pwrctrl <power control>**

**Description:** Enable or Disable PoE for node

**Syntax:**

<i>power control</i>	Power Control
----------------------	---------------

**Command Mode:** spine : Configure Spine Node

**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# power-over-ethernet pwrctrl <power control>
```

# 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>
```

# preempt

## preempt

**Description:** Overthrow lower priority Active routers

**Command Mode:** template hsrp group-policy : Configure HSRP Group policy templates

**Command Path:**

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# template hsrp group-policy <WORD> tenant <WORD>
(config-template-hsrp-group-pol)# preempt
```

## preempt

**Description:** Overthrow lower priority Active routers

**Command Mode:** hsrp group : Configure HSRP Group

**Command Path:**

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface ethernet <ifRange>
(config-leaf-if)# hsrp group <NUMBER> [['ipv4', 'ipv6']]
(config-if-hsrp)# preempt
```

## preempt

**Description:** Overthrow lower priority Active routers

**Command Mode:** hsrp group : Configure HSRP Group

**Command Path:**

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface port-channel <WORD> [fex <fex>]
(config-leaf-if)# hsrp group <NUMBER> [['ipv4', 'ipv6']]
(config-if-hsrp)# preempt
```

## preempt

**Description:** Overthrow lower priority Active routers

**Command Mode:** template hsrp group-policy : Configure HSRP Group policy templates

**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# template hsrp group-policy <WORD> tenant <WORD>
```

```
(config-template-hsrp-group-pol)# preempt
```

### preempt

**Description:** Overthrow lower priority Active routers

**Command Mode:** hsrp group : Configure HSRP Group

**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface ethernet <ifRange>
(config-leaf-if)# hsrp group <NUMBER> [['ipv4', 'ipv6']]
(config-if-hsrp)# preempt
```

### preempt

**Description:** Overthrow lower priority Active routers

**Command Mode:** hsrp group : Configure HSRP Group

**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface port-channel <WORD> [fex <fex>]
(config-leaf-if)# hsrp group <NUMBER> [['ipv4', 'ipv6']]
(config-if-hsrp)# preempt
```



# preempt delay

## preempt delay minimum|reload|sync <NUMBER>

**Description:** Wait before preempting

**Syntax:**

minimum	Delay at least this long
reload	Delay after reload
sync	Wait for IP redundancy clients
<0-3600>	Delay in seconds. Number range from=0 to=3600

**Command Mode:** template hsrp group-policy : Configure HSRP Group policy templates

**Command Path:**

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# template hsrp group-policy <WORD> tenant <WORD>
(config-template-hsrp-group-pol)# preempt delay minimum|reload|sync <NUMBER>
```

## preempt delay minimum|reload|sync <NUMBER>

**Description:** Wait before preempting

**Syntax:**

minimum	Delay at least this long
reload	Delay after reload
sync	Wait for IP redundancy clients
<0-3600>	Delay in seconds. Number range from=0 to=3600

**Command Mode:** hsrp group : Configure HSRP Group

**Command Path:**

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface ethernet <ifRange>
(config-leaf-if)# hsrp group <NUMBER> [['ipv4', 'ipv6']]
(config-if-hsrp)# preempt delay minimum|reload|sync <NUMBER>
```

## preempt delay minimum|reload|sync <NUMBER>

**Description:** Wait before preempting

**Syntax:**

minimum	Delay at least this long
reload	Delay after reload
sync	Wait for IP redundancy clients
<0-3600>	Delay in seconds. Number range from=0 to=3600

**Command Mode:** hsrp group : Configure HSRP Group

**Command Path:**

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface port-channel <WORD> [fex <fex>]
(config-leaf-if)# hsrp group <NUMBER> [['ipv4', 'ipv6']]
(config-if-hsrp)# preempt delay minimum|reload|sync <NUMBER>
```

**preempt delay minimum|reload|sync <NUMBER>**

**Description:** Wait before preempting

**Syntax:**

minimum	Delay at least this long
reload	Delay after reload
sync	Wait for IP redundancy clients
<0-3600>	Delay in seconds. Number range from=0 to=3600

**Command Mode:** template hsrp group-policy : Configure HSRP Group policy templates

**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# template hsrp group-policy <WORD> tenant <WORD>
(config-template-hsrp-group-pol)# preempt delay minimum|reload|sync <NUMBER>
```

**preempt delay minimum|reload|sync <NUMBER>**

**Description:** Wait before preempting

**Syntax:**

minimum	Delay at least this long
reload	Delay after reload
sync	Wait for IP redundancy clients
<0-3600>	Delay in seconds. Number range from=0 to=3600

**Command Mode:** hsrp group : Configure HSRP Group

**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface ethernet <ifRange>
(config-leaf-if)# hsrp group <NUMBER> [['ipv4', 'ipv6']]
(config-if-hsrp)# preempt delay minimum|reload|sync <NUMBER>
```

**preempt delay minimum|reload|sync <NUMBER>**

**Description:** Wait before preempting

**Syntax:**

minimum	Delay at least this long
reload	Delay after reload
sync	Wait for IP redundancy clients
<0-3600>	Delay in seconds. Number range from=0 to=3600

**Command Mode:** hsrp group : Configure HSRP Group

**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface port-channel <WORD> [fex <fex>]
(config-leaf-if)# hsrp group <NUMBER> [['ipv4', 'ipv6']]
(config-if-hsrp)# preempt delay minimum|reload|sync <NUMBER>
```

# 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
```

## prefix-suppression

**Description:** Suppress prefixes

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

**Command Path:**

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

# presharedkey

## presharedkey

**Description:** Set PreSharedKey

**Command Mode:** key-policy : Configuration for Key Policy

**Command Path:**

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# keychain-policy <WORD>
(config-tenant-keychainpolicy)# key-policy <NUMBER>
(config-tenant-keychainpolicy-keypolicy)# presharedkey
```

# 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-flow-control

## priority-flow-control mode <arg>

**Description:** Configure Pfc Policy

**Syntax:**

mode	Pfc policy mode
<i>arg</i>	

**Command Mode:** template policy-group : Configure Policy Group Parameters

**Command Path:**

```
# configure [['terminal', 't']]
(config)# template policy-group <WORD>
(config-pol-grp-if)# priority-flow-control mode <>
```

## priority-flow-control mode <arg>

**Description:** Configure Pfc Policy

**Syntax:**

mode	Pfc policy mode
<i>arg</i>	

**Command Mode:** template port-channel : Configure Port-Channel Parameters

**Command Path:**

```
# configure [['terminal', 't']]
(config)# template port-channel <WORD>
(config-po-ch-if)# priority-flow-control mode <>
```

## priority-flow-control mode <arg>

**Description:** Configure Interface pfc policy

**Syntax:**

mode	Pfc policy mode
<i>arg</i>	

**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)# priority-flow-control mode <>
```

**priority-flow-control mode <arg>****Description:** Configure Interface pfc policy**Syntax:**

mode	Pfc policy mode
<i>arg</i>	

**Command Mode:** interface port-channel : Port Channel interface**Command Path:**

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface port-channel <WORD> [fex <fex>]
(config-leaf-if)# priority-flow-control mode <>
```

**priority-flow-control mode <arg>****Description:** Configure Interface pfc policy**Syntax:**

mode	Pfc policy mode
<i>arg</i>	

**Command Mode:** interface ethernet : Ethernet IEEE 802.3z**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface ethernet <ifRange>
(config-leaf-if)# priority-flow-control mode <>
```

**priority-flow-control mode <arg>****Description:** Configure Interface pfc policy**Syntax:**

mode	Pfc policy mode
<i>arg</i>	

**Command Mode:** interface port-channel : Port Channel interface**Command Path:**



```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface port-channel <WORD> [fex <fex>]
(config-leaf-if)# priority-flow-control mode <>
```

### priority-flow-control mode <arg>

**Description:** Configure Interface pfc policy

#### Syntax:

mode	Pfc policy mode
<i>arg</i>	

**Command Mode:** interface : Provide VPC Name

#### Command Path:

```
# configure [['terminal', 't']]
(config)# vpc context leaf <101-4000> <101-4000> [fex <fex>]
(config-vpc)# interface vpc <WORD> [fex <fex>]
(config-vpc-if)# priority-flow-control mode <>
```

# priority

## priority <high|low>

**Description:** Set port priority

**Syntax:**

<high/low>	Port priority high or low
------------	---------------------------

**Command Mode:** switchport power-over-ethernet : Power Over Ethernet configuration

**Command Path:**

```
# configure [['terminal', 't']]
(config)# template policy-group <WORD>
(config-pol-grp-if)# switchport power-over-ethernet <WORD>
(config-power-over-ethernet)# priority <high|low>
```

## priority <NUMBER>

**Description:** Router priority

**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>
```

## priority <NUMBER>

**Description:** Priority level

**Syntax:**

<0-255>	Priority value. Number range from=0 to=255
---------	--

**Command Mode:** template hsrp group-policy : Configure HSRP Group policy templates

**Command Path:**

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

**priority <NUMBER>****Description:** Priority level**Syntax:**

<0-255>	Priority value. Number range from=0 to=255
---------	--

**Command Mode:** hsrp group : Configure HSRP Group**Command Path:**

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface ethernet <ifRange>
(config-leaf-if)# hsrp group <NUMBER> [['ipv4', 'ipv6']]
(config-if-hsrp)# priority <NUMBER>
```

**priority <NUMBER>****Description:** Priority level**Syntax:**

<0-255>	Priority value. Number range from=0 to=255
---------	--

**Command Mode:** hsrp group : Configure HSRP Group**Command Path:**

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface port-channel <WORD> [fex <fex>]
(config-leaf-if)# hsrp group <NUMBER> [['ipv4', 'ipv6']]
(config-if-hsrp)# priority <NUMBER>
```

**priority <NUMBER>****Description:** Router priority**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)# spine <101-4000>
(config-spine)# template ospf interface-policy <WORD> tenant <WORD>
(config-interface-policy)# priority <NUMBER>
```

**priority <NUMBER>****Description:** Priority level

**Syntax:**

<0-255>	Priority value. Number range from=0 to=255
---------	--

**Command Mode:** template hsrp group-policy : Configure HSRP Group policy templates

**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# template hsrp group-policy <WORD> tenant <WORD>
(config-template-hsrp-group-pol)# priority <NUMBER>
```

**priority <NUMBER>**

**Description:** Priority level

**Syntax:**

<0-255>	Priority value. Number range from=0 to=255
---------	--

**Command Mode:** hsrp group : Configure HSRP Group

**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface ethernet <ifRange>
(config-leaf-if)# hsrp group <NUMBER> [['ipv4', 'ipv6']]
(config-if-hsrp)# priority <NUMBER>
```

**priority <NUMBER>**

**Description:** Priority level

**Syntax:**

<0-255>	Priority value. Number range from=0 to=255
---------	--

**Command Mode:** hsrp group : Configure HSRP Group

**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface port-channel <WORD> [fex <fex>]
(config-leaf-if)# hsrp group <NUMBER> [['ipv4', 'ipv6']]
(config-if-hsrp)# 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-type <privType>

**Description:** Set the AAA domain role to set privilege bitmask of a group map rule

### 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)# ldap-group-map-rule <WORD>
(config-ldap-group-map-rule)# 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
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**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-leaf-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 [evpn] [l3out
<WORD>]
(config-leaf-bgp-vrf-neighbor)# private-as-control
remove-exclusive|remove-exclusive-all|remove-exclusive-all-replace-as
```

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

**Description:** Private AS Control

**Syntax:**

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

**Command Mode:** neighbor : Configure a BGP neighbor

**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# router bgp <fabric-ASN>
(config-leaf-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 [evpn] [l3out
<WORD>]
(config-leaf-bgp-vrf-neighbor)# private-as-control
remove-exclusive|remove-exclusive-all|remove-exclusive-all-replace-as
```

# probability

**probability** <probabilityValue>

**Description:** Set WRED Probability

**Syntax:**

<i>probabilityValue</i>	Set WRED Probability. Number range from=0 to=100
-------------------------	--

**Command Mode:** algo : Configure the global QOS policies

**Command Path:**

```
# configure [['terminal', 't']]
(config)# qos parameters <WORD>
(config-qos)# algo wred|tail-drop
(config-qos-algo)# probability <probabilityValue>
```



# profile-type

## profile-type <arg>

**Description:** Leaf aggregate policy for Control Plane Policing

**Syntax:**

<i>arg</i>	Aggregate Profile
------------	-------------------

**Command Mode:** policy-map type control-plane-leaf : Create leaf aggregate ControlPlane policy to police/reclassify the traffic

**Command Path:**

```
# configure [['terminal', 't']]
(config)# policy-map type control-plane-leaf <WORD>
(config-pmap-copp-leaf)# profile-type <>
```

## profile-type <arg>

**Description:** Spine aggregate policy for Control Plane Policing

**Syntax:**

<i>arg</i>	Aggregate Profile
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**Command Mode:** policy-map type control-plane-spine : Create spine aggregate ControlPlane policy to police/reclassify the traffic

**Command Path:**

```
# configure [['terminal', 't']]
(config)# policy-map type control-plane-spine <WORD>
(config-pmap-copp-spine)# profile-type <>
```

## profile-type <profile-type>

**Description:** Set profile type for scale profile

**Syntax:**

<i>profile-type</i>	Profile Type
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**Command Mode:** scale-profile : Configure Forwarding Scale Profile policy

**Command Path:**

```
# configure [['terminal', 't']]
(config)# scale-profile <WORD>
(config-scale-profile)# profile-type <profile-type>
```

# protect-vm-group

**protect-vm-group** <vm-group>

**Description:** Protect Cluster VM Group

**Syntax:**

<vm-group>	VM Group
------------	----------

**Command Mode:** vcenter : Configure a vCenter in the VMware domain

**Command Path:**

```
# configure [['terminal', 't']]
(config)# vmware-domain <WORD> [delimiter <WORD>] [access-mode <access-mode>]
(config-vmware)# vcenter <> datacenter <WORD> [dvs-version <>]
(config-vmware-vc)# protect-vm-group <vm-group>
```

# protocol

## protocol <protocol>

**Description:** RADIUS server protocol for authentication

**Syntax:**

<protocol>	<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 <protocol>

**Description:** RSA server protocol for authentication

**Syntax:**

<protocol>	<protocol>
------------	------------

**Command Mode:** rsa-server host : RSA server's DNS name or its IP address

**Command Path:**

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

## protocol <WORD>

**Description:** Set the TACACS+ authentication protocol

**Syntax:**

WORD	TACACS+ authentication protocol
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**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>
```

**protocol <WORD>**

**Description:** Set the TACACS+ accounting protocol

**Syntax:**

<i>WORD</i>	TACACS+ accounting protocol
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**Command Mode:** remote-dest : TACACS Accounting remote destination's DNS name or its IP address

**Command Path:**

```
# configure [['terminal', 't']]
(config)# tacacslog-group <WORD>
(config-tacacslog-group)# remote-dest <A.B.C.D|A:B::C:D|WORD> port <port>
(config-remote-dest)# protocol <WORD>
```

# provider

**provider epg-label <WORD> [complement]**

**Description:** Add a provider EPG label

**Syntax:**

epg-label	EPG label
<i>WORD</i>	EPG label name (Max Size 64)
complement	(Optional) Set isComplement property of the label to True

**Command Mode:** external-l3 epg : External L3 EPG configuration mode

**Command Path:**

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# external-l3 epg <WORD> [oob-mgmt] [l3out <l3out>]
(config-tenant-l3ext-epg)# provider epg-label <WORD> [complement]
```

# proxy-arp

## proxy-arp enable

**Description:** Enable Proxy ARP

**Syntax:**

enable	Enable Proxy ARP
--------	------------------

**Command Mode:** epg : AEPg configuration mode

**Command Path:**

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# application <WORD>
(config-tenant-app)# epg <WORD> [type <WORD>]
(config-tenant-app-epg)# proxy-arp enable
```

# psk-string

## psk-string WORD

**Description:** Configure pre shared key string

**Syntax:**

<i>WORD</i>	pre shared key in clear text of 32/64 hex characters
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**Command Mode:** key : Configure CKN as hex string of max 64 characters

**Command Path:**

```
# configure [['terminal', 't']]
(config)# template macsec access|fabric keychain <WORD>
(config-macsec-keychain)# key <WORD>
(config-macsec-keychain-key)# psk-string WORD
```

# pskindex

**pskindex** <WORD>

**Description:** Configure the Pre Shared Key Index

**Syntax:**

<i>WORD</i>	Psk Index (Max Size 256)
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**Command Mode:** template cloudsec : Configure cloudsec Policies

**Command Path:**

```
# configure [['terminal', 't']]
(config)# template cloudsec <WORD>
(config-cloudsec)# pskindex <WORD>
```



# pskstring

**pskstring** <WORD>

**Description:** Add Psk String for Cloudsec Policy

**Syntax:**

<i>WORD</i>	PSK string (Max Size 64)
-------------	--------------------------

**Command Mode:** pskindex : Configure the Pre Shared Key Index

**Command Path:**

```
# configure [['terminal', 't']]
(config)# template cloudsec <WORD>
(config-cloudsec)# pskindex <WORD>
(config-pskindex)# pskstring <WORD>
```

# ptp

**ptp**

**Description:** Configure PTP protocol State

**Command Mode:** configure : Configuration Mode

**Command Path:**

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

# public-address-pool

**public-address-pool** <pub\_pool> <connection-type>

**Description:** Configure Public IP Address Pool for Normalized mode

**Syntax:**

<i>pub_pool</i>	pub_pool
<i>connection-type</i>	bridge-domain/l3-external

**Command Mode:** l4l7 resource-pool : Configure L4-L7 Service Resource Pool

**Command Path:**

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# l4l7 resource-pool <WORD>
(config-resource-pool)# public-address-pool <pub_pool> <connection-type>
```

# 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>
```

# pwrctrl

**pwrctrl** <pwrCtrl>

**Description:** Update power control value in PoE Node-policy

**Syntax:**

<i>pwrCtrl</i>	Power Control
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**Command Mode:** template power-over-ethernet node-policy : Configure Power Over Ethernet Parameters

**Command Path:**

```
# configure [['terminal', 't']]
(config)# template power-over-ethernet node-policy <WORD>
(config-poe-node-pol)# pwrctrl <pwrCtrl>
```

