E Commands

- ebgp-multihop, on page 3
- echo-address, on page 3
- echo-mode, on page 4
- echo-rx-interval, on page 4
- ecn, on page 5
- email-addr, on page 6
- email-contact, on page 7
- email, on page 7
- enable-bfd, on page 8
- enable-ssl, on page 9
- enable-throttle, on page 9
- enable, on page 9
- encap-mode, on page 10
- encap-sync, on page 11
- encap, on page 11
- encryption, on page 13
- end, on page 13
- endpoint, on page 13
- endpoint ip, on page 14
- endpoint ip aging, on page 14
- endpoint ip anycast, on page 14
- endpoint ip epnlb mode group, on page 15
- endpoint ip epnlb mode mac, on page 15
- endpoint ip next-hop, on page 16
- endpoint ipv6, on page 16
- endpoint ipv6 anycast, on page 17
- endpoint ipv6 epnlb mode group, on page 17
- endpoint ipv6 next-hop, on page 18
- endpoint loop-detect action bd-learn-disable, on page 18
- endpoint loop-detect action port-disable, on page 19
- endpoint loop-detect enable, on page 19
- endpoint loop-detect factor, on page 19
- endpoint loop-detect interval, on page 20

- endpoint move-detection, on page 20
- endpoint retention bounce-age-interval, on page 20
- endpoint retention hold-interval, on page 21
- endpoint retention local-age-interval, on page 22
- endpoint retention move-frequency, on page 23
- endpoint retention policy, on page 23
- endpoint retention remote-age-interval, on page 24
- endpoint rogue-detect enable, on page 24
- endpoint rogue-detect factor, on page 25
- endpoint rogue-detect hold-interval, on page 25
- endpoint rogue-detect interval, on page 25
- endtime, on page 26
- enforce-subnet-learning, on page 26
- enhancedlacp, on page 26
- ep-flush, on page 27
- ep-retention-time, on page 27
- epdamp, on page 28
- epg, on page 28
- eraseconfig, on page 30
- errdisable recovery cause bpduguard, on page 31
- errdisable recovery cause ep-move, on page 31
- errdisable recovery cause mcp-loop, on page 31
- errdisable recovery interval, on page 31
- erspan-id, on page 32
- erspan-version, on page 33
- esg, on page 34
- esx-avail-override, on page 35
- evpn, on page 35
- evpn consumer, on page 36
- evpn export, on page 37
- evpn import, on page 38
- evpn provider, on page 39
- exception, on page 39
- exec, on page 40
- exit, on page 41
- expiration, on page 41
- expires, on page 41
- export-config, on page 42
- export, on page 42
- exporter, on page 43
- extcommunity-list expanded, on page 44
- extcommunity-list standard, on page 45
- external-l2, on page 46
- external-l3, on page 46
- external-l3 epg, on page 47
- external-routed-domain, on page 47

ebgp-multihop

ebgp-multihop <NUMBER>

Description: Specify multihop TTL for remote peer

Syntax:

<1-255>	EBGP TTL value. Number range from=1 to=255

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)# ebgp-multihop <NUMBER>
```

ebgp-multihop <NUMBER>

Description: Specify multihop TTL for remote peer

Syntax:

<1-255>	EBGP TTL value. Number range from=1 to=255

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)# ebgp-multihop <NUMBER>
```

echo-address

echo-address <arg>

Description: Configure BFD ECHO-SRC-ADDRESS value

Syntax:

arg	

Command Mode: template bfd : BFD group of commands

Command Path:

```
# configure [['terminal', 't']]
(config)# template bfd ip|ipv6 <WORD>
(config-bfd)# echo-address <>
```

echo-mode

echo-mode enable

Description: Enable Echo mode

Syntax:

enable	Enable Echo mode

Command Mode: template bfd : Configure BFD Interface Policy Templates

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# template bfd <WORD> tenant <WORD>
(config-template-bfd-pol)# echo-mode enable
```

echo-mode enable

Description: Enable Echo mode

Syntax:

enable	Enable Echo mode

Command Mode: template bfd : Configure BFD Interface Policy Templates

Command Path:

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# template bfd <WORD> tenant <WORD>
(config-template-bfd-pol)# echo-mode enable
```

echo-rx-interval

echo-rx-interval <NUMBER>

Description: Configure BFD ECHO-RX-INTERVAL value in milliseconds

Syntax:

<*interval*>	BFD interval. Number range from=50 to=999

Command Mode: template bfd : BFD group of commands

Command Path:

```
# configure [['terminal', 't']]
(config)# template bfd ip|ipv6 <WORD>
(config-bfd)# echo-rx-interval <NUMBER>
```

echo-rx-interval <NUMBER>

Description: Configure Echo Rx Interval in milliseconds

Syntax:

<*interval*>	Echo Rx Interval. Number range from=50 to=999

Command Mode: template bfd : Configure BFD Interface Policy Templates

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# template bfd <WORD> tenant <WORD>
(config-template-bfd-pol)# echo-rx-interval <NUMBER>
```

echo-rx-interval <NUMBER>

Description: Configure Echo Rx Interval in milliseconds

Syntax:

<*interval*>	Echo Rx Interval. Number range from=50 to=999

Command Mode: template bfd : Configure BFD Interface Policy Templates

Command Path:

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# template bfd <WORD> tenant <WORD>
(config-template-bfd-pol)# echo-rx-interval <NUMBER>
```

ecn

ecn enabled|disabled

Description: Set Explicit congestion notification for WRED

Syntax:

enabled	Set Explicit congestion notification for WRED
disabled	Disable congestion notification for WRED

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)# ecn enabled|disabled
```

email-addr

email-addr <WORD>

Description: Configure the e-mail address

Syntax:

WORD	The email address (Max Size None)

Command Mode: destination : Configure destination Parameters

Command Path:

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

email-addr <WORD>

Description: Configure the e-mail address

Syntax:

WORD	The email address (Max Size None)

Command Mode: destination : Configure destination Parameters

Command Path:

```
# configure [['terminal', 't']]
(config)# smartcallhome common
(config-smartcallhome)# destination-profile
(config-callhome-destnprof)# destination <WORD>
(config-callhome-destnprof-destn)# email-addr <WORD>
```

email-contact

email-contact <WORD>

Description: The contact e-mail address

Syntax:

WORD	Contract e-mail address (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)# email-contact <WORD>
```

email-contact <WORD>

Description: The contact e-mail address

Syntax:

WORD	Contract e-mail address (Max Size 512)

Command Mode: destination-profile : Configure destination profile Parameters

Command Path:

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

email

email <WORD>

Description: Set The email address of the locally-authenticated user.

Syntax:

WORD	email address of the locally-authenticated user

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

Command Path:

```
# configure [['terminal', 't']]
```

```
(config)# username <WORD>
(config-username)# email <WORD>
```

email <WORD>

Description: Set The email address of the organization contact person.

Syntax:

<*WORD*>	email address (Max Size 40)

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)# email <WORD>
```

enable-bfd

enable-bfd

Description: Enable Bidirectional Forwarding Detection(BFD) protocol

Command Mode: template hsrp interface-policy : Configure HSRP Interface policy templates

Command Path:

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

enable-bfd

Description: Enable Bidirectional Forwarding Detection(BFD) protocol

Command Mode: template hsrp interface-policy : Configure HSRP Interface policy templates

Command Path:

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# template hsrp interface-policy <WORD> tenant <WORD>
(config-template-hsrp-if-pol)# enable-bfd
```

enable-ssl

enable-ssl

Description: Enabling an SSL connection with the LDAP provider

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)# enable-ssl
```

enable-throttle

enable-throttle

Description: Enable HTTP AAA Login/Refresh throttling

Command Mode: http : HTTP communication policy group

Command Path:

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

enable-throttle

Description: Enable HTTPS AAA Login/Refresh throttling

Command Mode: https : HTTPS communication policy group

Command Path:

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

enable

enable

Description: Enable macsec policy

Command Mode: template macsec access|fabric interface-policy : Configure macsec interface policy

Command Path:

```
# configure [['terminal', 't']]
(config)# template macsec access|fabric interface-policy <WORD>
(config-macsec-if-policy)# enable
```

enable

Description: Enable TWAMP Responder policy

Command Mode: template twamp responder-policy : Configure twamp responder policy

Command Path:

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

enable

Description: Enable TWAMP Server policy

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)# enable
```

encap-mode

encap-mode auto|vlan|vxlan

Description: Enforce encap mode, domain mode will be used if not set

Syntax:

auto	Uses domain preference
vlan	VLAN
vxlan	VXLAN

Command Mode: vmware-domain : Associate EPG to a VMWare Domain

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# application <WORD>
(config-tenant-app)# epg <WORD> [type <WORD>]
(config-tenant-app-epg)# vmware-domain member <WORD> [encap <WORD>] [primary-encap <WORD>]
```

```
 [allow-micro-segmentation] [deploy <WORD>] [push <WORD>] [binding-type
staticBinding|dynamicBinding|ephemeral] [port-allocation fixed|elastic] [num-ports <WORD>]
 [untagged-access-pg] [custom-epg-name "<custom_name>"] [delimiter <WORD>]
(config-tenant-app-epg-domain)# encap-mode auto|vlan|vxlan
```

encap-sync

encap-sync <encapSync>

Description: Encap Sync Mode

Syntax:

<*encapSync*>	Encap Sync Mode

Command Mode: integrations-mgr : Integrations Manager

Command Path:

```
# configure [['terminal', 't']]
(config)# integrations-group <WORD>
(config-integrations-group)# integrations-mgr <WORD> <type>
(config-integrations-mgr)# encap-sync <encapSync>
```

encap

encap scope <arg>

Description: Configure the encap scope

Syntax:

scope	The encap scope
arg	

Command Mode: interface vlan : Vlan interface

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface vlan <1-4094>
(config-leaf-if)# encap scope <>
```

encap scope <arg>

Description: Configure the encap scope

Syntax:

scope	The encap scope
arg	

Command Mode: virtual-interface-profile : Configure virtual interface profile

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# virtual-interface-profile <ipv4 or ipv6> vlan <1-4094> tenant <WORD> vrf
<WORD> [l3out <l3out>]
(virtual-interface-profile)# encap scope <>
```

encap scope <arg>

Description: Configure the encap scope

Syntax:

scope	The encap scope
arg	

Command Mode: interface vlan : Vlan interface

Command Path:

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface vlan <1-4094>
(config-leaf-if)# encap scope <>
```

encap scope <arg>

Description: Configure the encap scope

Syntax:

scope	The encap scope
arg	

Command Mode: virtual-interface-profile : Configure virtual interface profile

Command Path:

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# virtual-interface-profile <ipv4 or ipv6> vlan <1-4094> tenant <WORD> vrf
<WORD> [l3out <l3out>]
(virtual-interface-profile)# encap scope <>
```

encryption

encryption

Description: Enable AES Encryption

Command Mode: crypto aes : AES encryption configuration

Command Path:

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

end

end

Description: Exit to the exec mode

Command Mode: exec : Exec Mode

Command Path:

```
# end
```

endpoint

endpoint retention <WORD>

Description: Specify an endpoint retention policy for this VRF

Syntax:

retention	Specify an endpoint retention policy for this VRF
WORD	Endpoint Retention Policy (Max Size 64)

Command Mode: vrf : Configuration for vrf

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# vrf context <WORD>
(config-tenant-vrf)# endpoint retention <WORD>
```

endpoint ip

endpoint ip <A.B.C.D/LEN>

Description: IP endpoint

Syntax:

A.B.C.D/LEN	IP prefix and network mask length in format x.x.x.x/m

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)# endpoint ip <A.B.C.D/LEN>
```

endpoint ip aging

endpoint ip aging

Description: Enable/Disable Endpoint IP Aging

Command Mode: configure : Configuration Mode

Command Path:

```
# configure [['terminal', 't']]
(config)# endpoint ip aging
```

endpoint ip anycast

endpoint ip <A.B.C.D/LEN> anycast E.E.E|EE-EE-EE-EE-EE-EE|EE:EE:EE:EE:EE:EE|EEEE.EEEE.EEEE

Description: IP endpoint

Syntax:

A.B.C.D/LEN	IP prefix and network mask length in format x.x.x.x/m
E.E.E	MAC address (Option 1)
EE-EE-EE-EE-EE-EE	MAC address (Option 2)
EE:EE:EE:EE:EE:EE	MAC address (Option 3)

EEEE.EEEE.EEEE	MAC address (Option 4)

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)# endpoint ip <A.B.C.D/LEN> anycast
E.E.E|EE-EE-EE-EE-EE-EE|EE:EE:EE:EE:EE:EE|EEEE.EEEE.EEEE
```

endpoint ip epnlb mode group

endpoint ip <A.B.C.D/LEN> epnlb mode <WORD> group <IP>

Description: NLB endpoint Group for igmp mode

Syntax:

A.B.C.D/LEN	IP prefix and network mask length in format x.x.x.x/m
WORD	epNlb mode
IP	Multicast IP

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)# endpoint ip <A.B.C.D/LEN> epnlb mode <WORD> group <IP>
```

endpoint ip epnlb mode mac

endpoint ip <A.B.C.D/LEN> epnlb mode <WORD> mac E.E.E|EE-EE-EE-EE-EE-EE|EE:EE:EE:EE:EE:EE|EEEE.EEEE.EEEE

Description: NLB endpoint mac

Syntax:

A.B.C.D/LEN	IP prefix and network mask length in format x.x.x.x/m
WORD	epNlb mode
E.E.E	MAC address (Option 1)

EE-EE-EE-EE-EE-EE	MAC address (Option 2)
EE:EE:EE:EE:EE:EE	MAC address (Option 3)
EEEE.EEEE.EEEE	MAC address (Option 4)

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)# endpoint ip <A.B.C.D/LEN> epnlb mode <WORD> mac
E.E.E|EE-EE-EE-EE-EE-EE|EE:EE:EE:EE:EE:EE|EEEE.EEEE.EEEE
```

endpoint ip next-hop

endpoint ip <A.B.C.D/LEN> next-hop <A.B.C.D> [scope <scope>]

Description: IP endpoint

Syntax:

A.B.C.D/LEN	IP prefix and network mask length in format x.x.x.x/m
A.B.C.D	IP address in format i.i.i.i
scope	(Optional) Scope of the address among ['private', 'public', 'shared']

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)# endpoint ip <A.B.C.D/LEN> next-hop <A.B.C.D> [scope <scope>]
```

endpoint ipv6

endpoint ipv6 <A:B::C:D/LEN>

Description: IPv6 endpoint

Syntax:

A:B::C:D/LEN	IPv6 prefix format: xxxx:xxxx/ml, xxxx:xxxx::/ml, xxxx::xx/128

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)# endpoint ipv6 <A:B::C:D/LEN>
```

endpoint ipv6 anycast

endpoint ipv6 <A:B::C:D/LEN> anycast E.E.E|EE-EE-EE-EE-EE-EE|EE:EE:EE:EE:EE:EE|EEEE.EEEE.EEEE

Description: IPv6 endpoint

Syntax:

A:B::C:D/LEN	IPv6 prefix format: xxxx:xxxx/ml, xxxx:xxxx::/ml, xxxx::xx/128
E.E.E	MAC address (Option 1)
EE-EE-EE-EE-EE-EE	MAC address (Option 2)
EE:EE:EE:EE:EE:EE	MAC address (Option 3)
EEEE.EEEE.EEEE	MAC address (Option 4)

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)# endpoint ipv6 <A:B::C:D/LEN> anycast
E.E.E|EE-EE-EE-EE-EE-EE|EE:EE:EE:EE:EE:EE|EEEE.EEEE.EEEE
```

endpoint ipv6 epnlb mode group

endpoint ipv6 <A:B::C:D/LEN> epnlb mode <WORD> group <IP>

Description: NLB endpoint Group for igmp mode

Syntax:

A:B::C:D/LEN	IPv6 prefix format: xxxx:xxxx/ml, xxxx:xxxx::/ml, xxxx::xx/128
WORD	epNlb mode

IP	Multicast IP

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)# endpoint ipv6 <A:B::C:D/LEN> epnlb mode <WORD> group <IP>
```

endpoint ipv6 next-hop

endpoint ipv6 <A:B::C:D/LEN> next-hop <A:B::C:D> [scope <scope>]

Description: IPv6 endpoint

Syntax:

A:B::C:D/LEN	IPv6 prefix format: xxxx:xxxx/ml, xxxx:xxxx::/ml, xxxx::xx/128
A:B::C:D	IPv6 address in format xxxx:xxxx, xxxx::xx
scope	(Optional) Scope of the address among ['private', 'public', 'shared']

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)# endpoint ipv6 <A:B::C:D/LEN> next-hop <A:B::C:D> [scope <scope>]
```

endpoint loop-detect action bd-learn-disable

endpoint loop-detect action bd-learn-disable

Description: Configure Endpoint Loop Protection Action to BD-Learn-Disable

Command Mode: configure : Configuration Mode

Command Path:

```
# configure [['terminal', 't']]
(config)# endpoint loop-detect action bd-learn-disable
```

endpoint loop-detect action port-disable

endpoint loop-detect action port-disable

Description: Configure Endpoint Loop Protection Action to Port-Disable

Command Mode: configure : Configuration Mode

Command Path:

```
# configure [['terminal', 't']]
(config)# endpoint loop-detect action port-disable
```

endpoint loop-detect enable

endpoint loop-detect enable

Description: Enable/Disable Endpoint Loop-Detect Policy

Command Mode: configure : Configuration Mode

Command Path:

```
# configure [['terminal', 't']]
(config)# endpoint loop-detect enable
```

endpoint loop-detect factor

endpoint loop-detect factor <NUMBER>

Description: Configure Endpoint Loop Detection Factor

Syntax:

<1-255>	End Point Loop Protection Multipication Factor. Number range from=1 to=255

Command Mode: configure : Configuration Mode

Command Path:

```
# configure [['terminal', 't']]
(config)# endpoint loop-detect factor <NUMBER>
```

endpoint loop-detect interval

endpoint loop-detect interval <NUMBER>

Description: Configure Endpoint Loop Detection Interval

Syntax:

<30-300>	End Point Loop Detection Interval. Number range from=30 to=300

Command Mode: configure : Configuration Mode

Command Path:

```
# configure [['terminal', 't']]
(config)# endpoint loop-detect interval <NUMBER>
```

endpoint move-detection

endpoint move-detection <WORD>

Description: Endpoint Move detection Mode

Syntax:

WORD	Endpoint Move detection Mode

Command Mode: bridge-domain : Configuration for bridge-domain

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# bridge-domain <WORD>
(config-tenant-bd)# endpoint move-detection <WORD>
```

endpoint retention bounce-age-interval

endpoint retention bounce-age-interval x in <0-0> or <150-65535>

Description: Set the bounce age interval for endpoints

Syntax:

x in <0-0> or <150-65535>	Set the Bounce Age Interval, use 0 for infinite

Command Mode: bridge-domain : Configuration for bridge-domain

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# bridge-domain <WORD>
(config-tenant-bd)# endpoint retention bounce-age-interval x in <0-0> or <150-65535>
```

endpoint retention bounce-age-interval x in <0-0> or <150-65535>

Description: Set the bounce age interval for endpoints

Syntax:

x in <0-0> or <150-65535>	Set the Bounce Age Interval, use 0 for infinite

Command Mode: template endpoint retention policy : Configure an endpoint retention policy

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# template endpoint retention policy <WORD>
(config-tenant-template-endpoint-retention)# endpoint retention bounce-age-interval x in
<0-0> or <150-65535>
```

endpoint retention hold-interval

endpoint retention hold-interval <NUMBER>

Description: Set the hold interval for endpoints

Syntax:

<5-65535>	Set the Hold Interval. Number range from=5 to=65535

Command Mode: bridge-domain : Configuration for bridge-domain

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# bridge-domain <WORD>
(config-tenant-bd)# endpoint retention hold-interval <NUMBER>
```

endpoint retention hold-interval <NUMBER>

Description: Set the hold interval for endpoints

Syntax:

<5-65535>	Set the Hold Interval. Number range from=5 to=65535

Command Mode: template endpoint retention policy : Configure an endpoint retention policy

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# template endpoint retention policy <WORD>
(config-tenant-template-endpoint-retention)# endpoint retention hold-interval <NUMBER>
```

endpoint retention local-age-interval

endpoint retention local-age-interval x in <0-0> or <120-65535>

Description: Set the local endpoint age interval

Syntax:

x in <0-0> or <120-65535>	Set the local endpoint age interval, use 0 for infinite

Command Mode: bridge-domain : Configuration for bridge-domain

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# bridge-domain <WORD>
(config-tenant-bd)# endpoint retention local-age-interval x in <0-0> or <120-65535>
```

endpoint retention local-age-interval x in <0-0> or <120-65535>

Description: Set the local endpoint age interval

Syntax:

x in <0-0> or <120-65535>	Set the local endpoint age interval, use 0 for infinite

Command Mode: template endpoint retention policy : Configure an endpoint retention policy

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# template endpoint retention policy <WORD>
(config-tenant-template-endpoint-retention)# endpoint retention local-age-interval x in
<0-0> or <120-65535>
```

endpoint retention move-frequency

endpoint retention move-frequency <NUMBER>

Description: Set the move frequency

Syntax:

<0-65535>	Set the move frequency. Number range from=0 to=65535

Command Mode: bridge-domain : Configuration for bridge-domain

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# bridge-domain <WORD>
(config-tenant-bd)# endpoint retention move-frequency <NUMBER>
```

endpoint retention move-frequency <NUMBER>

Description: Set the move frequency

Syntax:

<0-65535>	Set the move frequency. Number range from=0 to=65535

Command Mode: template endpoint retention policy : Configure an endpoint retention policy

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# template endpoint retention policy <WORD>
(config-tenant-template-endpoint-retention)# endpoint retention move-frequency <NUMBER>
```

endpoint retention policy

endpoint retention policy <WORD>

Description: Associate the BD with an endpoint retention policy

Syntax:

WORD	Name of the endpoint retention policy to set (Max Size 64)

Command Mode: bridge-domain : Configuration for bridge-domain

Command Path:

```
# configure [['terminal', 't']]
```

```
(config)# tenant <WORD>
(config-tenant)# bridge-domain <WORD>
(config-tenant-bd)# endpoint retention policy <WORD>
```

endpoint retention remote-age-interval

endpoint retention remote-age-interval x in <0-0> or <120-65535>

Description: Set the remote endpoint age interval

Syntax:

x in <0-0> or <120-65535>	Remote endpoint age interval, use 0 for infinite

Command Mode: bridge-domain : Configuration for bridge-domain

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# bridge-domain <WORD>
(config-tenant-bd)# endpoint retention remote-age-interval x in <0-0> or <120-65535>
```

endpoint retention remote-age-interval x in <0-0> or <120-65535>

Description: Set the remote endpoint age interval

Syntax:

x in <0-0> or <120-65535>	Remote endpoint age interval, use 0 for infinite

Command Mode: template endpoint retention policy : Configure an endpoint retention policy

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# template endpoint retention policy <WORD>
(config-tenant-template-endpoint-retention)# endpoint retention remote-age-interval x in
<0-0> or <120-65535>
```

endpoint rogue-detect enable

endpoint rogue-detect enable

Description: Enable/Disable Rogue Endpoint Detection Policy

Command Mode: configure : Configuration Mode

Command Path:

```
# configure [['terminal', 't']]
(config)# endpoint rogue-detect enable
```

endpoint rogue-detect factor

endpoint rogue-detect factor <NUMBER>

Description: Configure Rogue Endpoint Detection Factor

Syntax:

<2-65535>	Rogue Endpoint Detection Factor. Number range from=2 to=65535

Command Mode: configure : Configuration Mode

Command Path:

```
# configure [['terminal', 't']]
(config)# endpoint rogue-detect factor <NUMBER>
```

endpoint rogue-detect hold-interval

endpoint rogue-detect hold-interval <NUMBER>

Description: Configure Rogue Endpoint Hold Interval

Syntax:

<300-3600>	Rogue Endpoint Hold Interval. Number range from=300 to=3600

Command Mode: configure : Configuration Mode

Command Path:

```
# configure [['terminal', 't']]
(config)# endpoint rogue-detect hold-interval <NUMBER>
```

endpoint rogue-detect interval

endpoint rogue-detect interval <NUMBER>

Description: Configure Rogue Endpoint Detection Interval

Syntax:

<30-3600>	Rogue Endpoint Detection Interval. Number range from=30 to=3600

Command Mode: configure : Configuration Mode

Command Path:

```
# configure [['terminal', 't']]
(config)# endpoint rogue-detect interval <NUMBER>
```

endtime

endtime <LINE>

Description: Set endTime

Syntax:

LINE	endTime in UTC format (Max Size None)

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)# endtime <LINE>
```

enforce-subnet-learning

enforce-subnet-learning

Description: Subnet learning enforcement

Command Mode: bridge-domain : Configuration for bridge-domain

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# bridge-domain <WORD>
(config-tenant-bd)# enforce-subnet-learning
```

enhancedlacp

enhancedlacp <lag-policy-name>

Description: Configure Enhanced LACP mode on DVS uplink ports

Syntax:

<lag-policy-name>	Enhanced Lag Policy Name

Command Mode: vmware-domain : Create a VMM VMWare Domain

Command Path:

```
# configure [['terminal', 't']]
(config)# vmware-domain <WORD> [delimiter <WORD>] [access-mode <access-mode>]
[number-of-uplinks <number-of-uplinks>]
(config-vmware)# enhancedlacp <lag-policy-name>
```

ep-flush

ep-flush

Description: Clear remote L2 entries when local vPC L2 entries are cleared

Command Mode: bridge-domain : Configuration for bridge-domain

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# bridge-domain <WORD>
(config-tenant-bd)# ep-flush
```

ep-retention-time

ep-retention-time <WORD>

Description: Retention Time for all End Points in this domain

Syntax:

WORD	End Point Retention Time

Command Mode: vmware-domain : Create a VMM VMWare Domain

Command Path:

```
# configure [['terminal', 't']]
(config)# vmware-domain <WORD> [delimiter <WORD>] [access-mode <access-mode>]
[number-of-uplinks <number-of-uplinks>]
(config-vmware)# ep-retention-time <WORD>
```

epdamp

epdamp disable

Description: Disable COOP EpDampening flag

Syntax:

disable	Disable COOP EpDampening flag

Command Mode: coop-fabric : Council Of Oracles Protocol (COOP)

Command Path:

```
# configure [['terminal', 't']]
(config)# coop-fabric
(config-coop-fabric)# epdamp disable
```

epdamp disable

Description: Disable COOP EpDampening flag

Syntax:

disable	Disable COOP EpDampening flag

Command Mode: coop : COOP protocol

Command Path:

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

epg

epg tenant <arg> application <arg> epg <arg>

Description: EPG the Power Device will connect to

Syntax:

tenant	Tenant hosting the EPg
arg	
application	Application Name
arg	

epg	EPg for the Power Device
arg	

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)# epg tenant <> application <> epg <>
```

epg <WORD> [type <WORD>]

Description: AEPg configuration mode

Syntax:

WORD	Application EPG name (Max Size 64)
WORD	(Optional) Specify EPG type

Command Mode: application : application configuration mode

Command Path:

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

epg <WORD>

Description: AEPg configuration mode

Syntax:

WORD	Application EPG name (Max Size 64)

Command Mode: application : application configuration mode

Command Path:

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

epg WORD

Description: MPLS Label to InstP associations

Syntax:

WORD	epg name (Max Size 64)

Command Mode: label : MPLS Label to Route Profile and InstP associations

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# vrf context tenant <WORD> vrf <WORD> [l3out <l3out>]
(config-leaf-vrf)# label <WORD>
(config-leaf-vrf-route-map-label)# epg WORD
```

epg WORD

Description: MPLS Label to InstP associations

Syntax:

WORD	epg name (Max Size 64)

Command Mode: label : MPLS Label to Route Profile and InstP associations

Command Path:

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# vrf context tenant <WORD> vrf <WORD> [l3out <l3out>]
(config-leaf-vrf)# label <WORD>
(config-leaf-vrf-route-map-label)# epg WORD
```

eraseconfig

eraseconfig [setup]

Description: Erase config and reboot

Syntax:

setup	(Optional) Clean setup

Command Mode: exec : Exec Mode

Command Path:

```
# eraseconfig [setup]
```

errdisable recovery cause bpduguard

errdisable recovery cause bpduguard

Description: Enable timer to recover from BPDU Guard error disable

Command Mode: configure : Configuration Mode

Command Path:

```
# configure [['terminal', 't']]
(config)# errdisable recovery cause bpduguard
```

errdisable recovery cause ep-move

errdisable recovery cause ep-move

Description: Enable timer to recover from End Point Move error disable

Command Mode: configure : Configuration Mode

Command Path:

```
# configure [['terminal', 't']]
(config)# errdisable recovery cause ep-move
```

errdisable recovery cause mcp-loop

errdisable recovery cause mcp-loop

Description: Enable timer to recover from MCP Loop error disable

Command Mode: configure : Configuration Mode

Command Path:

```
# configure [['terminal', 't']]
(config)# errdisable recovery cause mcp-loop
```

errdisable recovery interval

errdisable recovery interval <NUMBER>

Description: Configure Error Disable Recovery Interval

Syntax:

<30-65535>	Timer-interval (sec). Number range from=30 to=65535

Command Mode: configure : Configuration Mode

Command Path:

```
# configure [['terminal', 't']]
(config)# errdisable recovery interval <NUMBER>
```

erspan-id

erspan-id <id>

Description: Erspan Id

Syntax:

id	erspan Id. Number range from=1 to=1023

Command Mode: destination tenant : Configure monitor remote destination

Command Path:

```
# configure [['terminal', 't']]
(config)# monitor access session <session_name>
(config-monitor-access)# destination tenant <tenant_name> application <application_name>
epg <epg_name> destination-ip <A.B.C.D> source-ip-prefix <A.B.C.D/M>
(config-monitor-access-dest)# erspan-id <id>
```

erspan-id <id>

Description: Erspan Id

Syntax:

id	erspan Id. Number range from=1 to=1023

Command Mode: destination : Configure monitor remote destination

Command Path:

```
# configure [['terminal', 't']]
(config)# monitor fabric session <session_name>
(config-monitor-fabric)# destination tenant <tenant_name> application <application_name>
epg <epg_name> destination-ip <A.B.C.D> source-ip-prefix <A.B.C.D/M>
(config-monitor-fabric-dest)# erspan-id <id>
```

erspan-id <arg>

Description: Erspan Id

Syntax:

arg	erspan Id. Number range from=1 to=1023

Command Mode: destination : Configure monitor remote destination

Command Path:

```
# configure [['terminal', 't']]
(config)# monitor tenant <tenant_name> session <WORD>
(config-monitor-tenant)# destination tenant <tenant_name> application <application_name>
epg <epg_name> destination-ip <A.B.C.D> source-ip-prefix <A.B.C.D/M>
(config-monitor-tenant-dest)# erspan-id <>
```

erspan-id <arg>

Description: Configure ERSPAN ID

Syntax:

arg	ERSPAN ID. Number range from=1 to=1023

Command Mode: destination destip : Configure monitor remote destination

Command Path:

```
# configure [['terminal', 't']]
(config)# monitor virtual session <WORD>
(config-monitor-virtual)# destination destip <A.B.C.D>
(config-monitor-virtual-remote-dest)# erspan-id <>
```

erspan-version

erspan-version <version> [enforce]

Description: Set ERSPAN version

Syntax:

version	ERSPAN version
enforce	(Optional) enforce

Command Mode: destination tenant : Configure monitor remote destination

Command Path:

```
# configure [['terminal', 't']]
(config)# monitor access session <session_name>
(config-monitor-access)# destination tenant <tenant_name> application <application_name>
epg <epg_name> destination-ip <A.B.C.D> source-ip-prefix <A.B.C.D/M>
(config-monitor-access-dest)# erspan-version <version> [enforce]
```

erspan-version <version> [enforce]

Description: Set ERSPAN version

Syntax:

version	ERSPAN version
enforce	(Optional) enforce

Command Mode: destination : Configure monitor remote destination

Command Path:

```
# configure [['terminal', 't']]
(config)# monitor fabric session <session_name>
(config-monitor-fabric)# destination tenant <tenant_name> application <application_name>
epg <epg_name> destination-ip <A.B.C.D> source-ip-prefix <A.B.C.D/M>
(config-monitor-fabric-dest)# erspan-version <version> [enforce]
```

erspan-version <version> [enforce]

Description: Set ERSPAN version

Syntax:

version	ERSPAN version
enforce	(Optional) enforce

Command Mode: destination : Configure monitor remote destination

Command Path:

```
# configure [['terminal', 't']]
(config)# monitor tenant <tenant_name> session <WORD>
(config-monitor-tenant)# destination tenant <tenant_name> application <application_name>
epg <epg_name> destination-ip <A.B.C.D> source-ip-prefix <A.B.C.D/M>
(config-monitor-tenant-dest)# erspan-version <version> [enforce]
```

esg

esg <WORD>

Description: ESg configuration mode

Syntax:

WORD	Application EPG name (Max Size 64)

Command Mode: application : application configuration mode

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# application <WORD>
(config-tenant-app)# esg <WORD>
```

esx-avail-override

esx-avail-override <esx-hostname> green|yellow|red

Description: Override ESX availability

Syntax:

<esx-hostname>	ESX Hostname
green	green
yellow	yellow
red	red

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>]
[number-of-uplinks <number-of-uplinks>]
(config-vmware)# vcenter <> datacenter <WORD> [dvs-version <>]
(config-vmware-vc)# esx-avail-override <esx-hostname> green|yellow|red
```

evpn

evpn route-reflector spine <LIST>

Description: Configure BGP evpn route-reflectors

Syntax:

route-reflector	Configure BGP evpn route-reflectors
spine	Configure Spines as route-reflectors
LIST	Route-reflector spine node name or ID list. Ex. spine1 or 103,105

Command Mode: bgp-fabric : Border Gateway Protocol (BGP)

Command Path:

```
# configure [['terminal', 't']]
```

```
(config)# bgp-fabric
(config-bgp-fabric)# evpn route-reflector spine <LIST>
```

evpn route-reflector spine <LIST>

Description: Configure BGP evpn route-reflectors

Syntax:

route-reflector	Configure BGP evpn route-reflectors
spine	Configure Spines as route-reflectors
LIST	Route-reflector spine node name or ID list. Ex. spine1 or 103,105

Command Mode: bgp : Border Gateway Protocol (BGP)

Command Path:

```
# configure [['terminal', 't']]
(config)# pod <NUMBER>
(config-pod)# bgp fabric
(config-pod-bgp)# evpn route-reflector spine <LIST>
```

evpn consumer

evpn consumer <WORD>

Description: EVPN Consumer

Syntax:

WORD	Label Name

Command Mode: vrf : Configure VRF parameters

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# vrf context tenant <WORD> vrf <WORD> [l3out <l3out>]
(config-leaf-vrf)# evpn consumer <WORD>
```

evpn consumer <WORD>

Description: EVPN Consumer

Syntax:

WORD	Label Name

Command Mode: vrf : Configure VRF parameters

Command Path:

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# vrf context tenant <WORD> vrf <WORD> [l3out <l3out>]
(config-leaf-vrf)# evpn consumer <WORD>
```

evpn export

evpn export map <WORD> label <WORD>

Description: VRF export

Syntax:

map	Route-map based VRF export
WORD	Route Map Name (Max Size 63)
label	Configure consumer label
WORD	Consumer label name

Command Mode: vrf : Configure VRF parameters

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# vrf context tenant <WORD> vrf <WORD> [l3out <l3out>]
(config-leaf-vrf)# evpn export map <WORD> label <WORD>
```

evpn export map <WORD> label <WORD>

Description: VRF export

Syntax:

map	Route-map based VRF export
WORD	Route Map Name (Max Size 63)
label	Configure consumer label
WORD	Consumer label name

Command Mode: vrf : Configure VRF parameters

Command Path:

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# vrf context tenant <WORD> vrf <WORD> [l3out <l3out>]
```

```
(config-leaf-vrf)# evpn export map <WORD> label <WORD>
```

evpn import

evpn import map <WORD> label <WORD>

Description: VRF import

Syntax:

map	Route-map based VRF import
WORD	Route Map Name (Max Size 63)
label	Configure consumer label
WORD	Consumer label name

Command Mode: vrf : Configure VRF parameters

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# vrf context tenant <WORD> vrf <WORD> [l3out <l3out>]
(config-leaf-vrf)# evpn import map <WORD> label <WORD>
```

evpn import map <WORD> label <WORD>

Description: VRF import

Syntax:

map	Route-map based VRF import
WORD	Route Map Name (Max Size 63)
label	Configure consumer label
WORD	Consumer label name

Command Mode: vrf : Configure VRF parameters

Command Path:

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# vrf context tenant <WORD> vrf <WORD> [l3out <l3out>]
(config-leaf-vrf)# evpn import map <WORD> label <WORD>
```

evpn provider

evpn provider <WORD>

Description: EVPN Provider

Syntax:

WORD	Provide Label Name

Command Mode: vrf : Configure VRF parameters

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# vrf context tenant <WORD> vrf <WORD> [l3out <l3out>]
(config-leaf-vrf)# evpn provider <WORD>
```

evpn provider <WORD>

Description: EVPN Provider

Syntax:

WORD	Provide Label Name

Command Mode: vrf : Configure VRF parameters

Command Path:

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# vrf context tenant <WORD> vrf <WORD> [l3out <l3out>]
(config-leaf-vrf)# evpn provider <WORD>
```

exception

exception name <WORD> [field <WORD>] [consumer-regexp <WORD>] [provider-regexp <WORD>]

Description: apply an exception to this subject

Syntax:

name	name
WORD	Name of the exception to apply (Max Size None)
WORD	(Optional) Filed on which regex applies
WORD	(Optional) consumer regex

WORD	(Optional) provider regex

Command Mode: subject : Configuration a subject on the contract

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# contract <WORD> [type <type>]
(config-tenant-contract)# subject <WORD>
(config-tenant-contract-subj)# exception name <WORD> [field <WORD>] [consumer-regexp <WORD>]
 [provider-regexp <WORD>]
```

exception name <WORD> [field <WORD>] [consumer-regexp <WORD>] [provider-regexp <WORD>]

Description: apply an exception to this subject

Syntax:

name	name
WORD	Name of the exception to apply (Max Size None)
WORD	(Optional) Filed on which regex applies
WORD	(Optional) consumer regex
WORD	(Optional) provider regex

Command Mode: contract : Configure binary contracts between Application EPGs

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# contract <WORD> [type <type>]
(config-tenant-contract)# exception name <WORD> [field <WORD>] [consumer-regexp <WORD>]
[provider-regexp <WORD>]
```

exec

exec

Description: Exec Mode

Command Mode: None

exit

exit

Description: Exit from current mode

Command Mode: exec : Exec Mode

Command Path:

```
# exit
```

expiration

expiration <DATE>

Description: If expires enabled, Set expiration date of locally-authenticated user account.

Syntax:

DATE	UTC Date format (YYYY-MM-DDTHH:MM:SS.mmm[+-]hh:mm)

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

Command Path:

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

expires

expires

Description: Enable expiry for locally-authenticated user account

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

Command Path:

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

export-config

export-config <WORD>

Description: Export Configuration

Syntax:

WORD	Filename(absolute path)

Command Mode: exec : Exec Mode

Command Path:

```
# export-config <WORD>
```

export

export to tenant <WORD> [as <WORD>]

Description: Export a contract to another tenant

Syntax:

to	Tenant to export the command to
tenant	Tenant to export the command to
WORD	Tenant to export the command to (Max Size 63)
WORD	(Optional) New name under which the contract will be known (Max Size 64)

Command Mode: contract : Configure binary contracts between Application EPGs

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# contract <WORD> [type <type>]
(config-tenant-contract)# export to tenant <WORD> [as <WORD>]
```

export map <WORD>

Description: VRF export

Syntax:

map	Route-map for inter VRF route leak
WORD	Route Map Name (Max Size 63)

Command Mode: vrf : Configure VRF parameters

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# vrf context tenant <WORD> vrf <WORD> [l3out <l3out>]
(config-leaf-vrf)# export map <WORD>
```

export map <WORD>

Description: VRF export

Syntax:

map	Route-map for inter VRF route leak
WORD	Route Map Name (Max Size 63)

Command Mode: vrf : Configure VRF parameters

Command Path:

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# vrf context tenant <WORD> vrf <WORD> [l3out <l3out>]
(config-leaf-vrf)# export map <WORD>
```

exporter

exporter <WORD>

Description: Configure NetFlow Exporter Policy

Syntax:

WORD	VMM Exporter Policy Name

Command Mode: kubernetes-domain : Create a VMM Kubernetes Domain

Command Path:

```
# configure [['terminal', 't']]
(config)# kubernetes-domain <WORD> [delimiter <WORD>]
(config-kubernetesdomain)# exporter <WORD>
```

exporter <WORD>

Description: Assign Netflow Exporter to the Monitor

Syntax:

WORD	Exporter Name (Max Size 64)

Command Mode: flow monitor : Configure Netflow Monitor

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# flow monitor <WORD>
(config-tn-flow-monitor)# exporter <WORD>
```

exporter <WORD>

Description: Assign Netflow Exporter to the Monitor

Syntax:

WORD	Exporter Name (Max Size 64)

Command Mode: flow monitor : Configure Netflow Monitor

Command Path:

```
# configure [['terminal', 't']]
(config)# flow monitor <WORD>
(config-flow-monitor)# exporter <WORD>
```

extcommunity-list expanded

extcommunity-list expanded <WORD> <LINE>

Description: Configure expanded community list templates

Syntax:

WORD	Community list name (Max Size 64)
LINE	Regular-expression

Command Mode: template route group : Configure Route Group

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# template route group <WORD> tenant <WORD>
(config-route-group)# extcommunity-list expanded <WORD> <LINE>
```

extcommunity-list expanded <WORD> <LINE>

Description: Configure expanded community list templates

Syntax:

WORD	Community list name (Max Size 64)

LINE	Regular-expression

Command Mode: template route group : Configure Route Group

Command Path:

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# template route group <WORD> tenant <WORD>
(config-route-group)# extcommunity-list expanded <WORD> <LINE>
```

extcommunity-list standard

extcommunity-list standard <WORD> [scope <scope>] ASN2:NN

Description: Configure standard community list templates

Syntax:

WORD	Community list name (Max Size 64)
scope	(Optional) transitive or non-transitive
ASN2:NN	Community number aa:nn format

Command Mode: template route group : Configure Route Group

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# template route group <WORD> tenant <WORD>
(config-route-group)# extcommunity-list standard <WORD> [scope <scope>] ASN2:NN
```

extcommunity-list standard <WORD> [scope <scope>] ASN2:NN

Description: Configure standard community list templates

Syntax:

WORD	Community list name (Max Size 64)
scope	(Optional) transitive or non-transitive
ASN2:NN	Community number aa:nn format

Command Mode: template route group : Configure Route Group

Command Path:

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

```
(config-route-group)# extcommunity-list standard <WORD> [scope <scope>] ASN2:NN
```

external-l2

external-l2 epg <WORD>

Description: L2 external EPG creation/configuration

Syntax:

epg	L2 external EPG name
WORD	L2 external EPG name (Max Size 64)

Command Mode: tenant : Tenant configuration mode

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# external-l2 epg <WORD>
```

external-l3

external-l3 epg <WORD> <WORD>

Description: External L3 EPG to associate

Syntax:

epg	Specify the external EPG
WORD	External L3 EPG name
WORD	evpn label name

Command Mode: vrf : Configure VRF parameters

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# vrf context tenant <WORD> vrf <WORD> [l3out <l3out>]
(config-leaf-vrf)# external-l3 epg <WORD> <WORD>
```

external-l3 epg <WORD> <WORD>

Description: External L3 EPG to associate

Syntax:

epg	Specify the external EPG
WORD	External L3 EPG name
WORD	evpn label name

Command Mode: vrf : Configure VRF parameters

Command Path:

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# vrf context tenant <WORD> vrf <WORD> [l3out <l3out>]
(config-leaf-vrf)# external-l3 epg <WORD> <WORD>
```

external-l3 epg

external-l3 epg <WORD> [oob-mgmt] [l3out <l3out>]

Description: External L3 EPG configuration mode

Syntax:

WORD	External L3 EPG name (Max Size 49)
oob-mgmt	(Optional) External L3 EPG for Out of band
l3out	(Optional) Configure external-l3 epg on an API configured L3Out

Command Mode: tenant : Tenant configuration mode

Command Path:

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

external-routed-domain

external-routed-domain <l3dom>

Description: Add l3Dom to the Resource Pool

Syntax:

l3dom	l3dom

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)# external-routed-domain <l3dom>
```