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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:

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

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:

| | |
|-------------|-----------------------------------|
| <i>WORD</i> | 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:

| | |
|-------------|-----------------------------------|
| <i>WORD</i> | 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:

| | |
|-------------|--|
| <i>WORD</i> | 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:

| | |
|-------------|--|
| <i>WORD</i> | 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:

| | |
|-------------|---|
| <i>WORD</i> | 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:

| | |
|-----------------|-----------------------------|
| < <i>WORD</i> > | 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 |
| <i>arg</i> | |

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 |
| <i>arg</i> | |

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 |
| <i>arg</i> | |

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 |
| <i>arg</i> | |

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 |
| <i>WORD</i> | 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:

| | |
|--------------------|---|
| <i>A.B.C.D/LEN</i> | 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|EEEE.EEEE.EEEE

Description: IP endpoint

Syntax:

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

endpoint ip eplnb mode group

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

Description: NLB endpoint Group for igmp mode

Syntax:

| | |
|--------------------|---|
| <i>A.B.C.D/LEN</i> | IP prefix and network mask length in format x.x.x.x/m |
| <i>WORD</i> | epNlb mode |
| <i>IP</i> | 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> eplnb 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:

| | |
|--------------------------|---|
| <i>A.B.C.D/LEN</i> | IP prefix and network mask length in format x.x.x.x/m |
| <i>WORD</i> | epNLb mode |
| <i>E.E.E</i> | MAC address (Option 1) |
| <i>EE-EE-EE-EE-EE-EE</i> | MAC address (Option 2) |
| <i>EE:EE:EE:EE:EE:EE</i> | MAC address (Option 3) |
| <i>EEEE.EEEE.EEEE</i> | 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:

| | |
|--------------------|---|
| <i>A.B.C.D/LEN</i> | IP prefix and network mask length in format x.x.x.x/m |
| <i>A.B.C.D</i> | IP address in format i.i.i.i |
| <i>scope</i> | (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:

| | |
|---------------------|--|
| <i>A:B::C:D/LEN</i> | 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:

| | |
|--------------------------|--|
| <i>A:B::C:D/LEN</i> | IPv6 prefix format: xxxx:xxxx/ml, xxxx:xxxx::/ml, xxxx::xx/128 |
| <i>E.E.E</i> | MAC address (Option 1) |
| <i>EE-EE-EE-EE-EE-EE</i> | MAC address (Option 2) |
| <i>EE:EE:EE:EE:EE:EE</i> | MAC address (Option 3) |
| <i>EEEE.EEEE.EEEE</i> | 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 eplnb mode group

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

Description: NLB endpoint Group for igmp mode

Syntax:

| | |
|---------------------|--|
| <i>A:B::C:D/LEN</i> | IPv6 prefix format: xxxx:xxxx/ml, xxxx:xxxx::/ml, xxxx::xx/128 |
| <i>WORD</i> | epNlb mode |
| <i>IP</i> | 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> eplnb 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:

| | |
|---------------------|---|
| <i>A:B::C:D/LEN</i> | IPv6 prefix format: xxxx:xxxx/ml, xxxx:xxxx::/ml, xxxx::xx/128 |
| <i>A:B::C:D</i> | IPv6 address in format xxxx:xxxx, xxxx::xx |
| <i>scope</i> | (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 Multiplication 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:

| | |
|-------------|------------------------------|
| <i>WORD</i> | 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:

| | |
|--|---|
| <i>x in <0-0> or <150-65535></i> | 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:

| | |
|--|---|
| <i>x in <0-0> or <150-65535></i> | 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:

| | |
|--|---|
| <i>x in <0-0> or <120-65535></i> | 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:

| | |
|--|---|
| <i>x in <0-0> or <120-65535></i> | 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:

| | |
|-------------|--|
| <i>WORD</i> | 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:

| | |
|--|--|
| <i>x in <0-0> or <120-65535></i> | 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:

| | |
|--|--|
| <i>x in <0-0> or <120-65535></i> | 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:

| | |
|-------------|---------------------------------------|
| <i>LINE</i> | 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:

| | |
|-------------|--------------------------|
| <i>WORD</i> | 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 |
| <i>arg</i> | |
| application | Application Name |
| <i>arg</i> | |
| epg | EPg for the Power Device |
| <i>arg</i> | |

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:

| | |
|-------------|------------------------------------|
| <i>WORD</i> | Application EPG name (Max Size 64) |
| <i>WORD</i> | (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:

| | |
|-------------|------------------------------------|
| <i>WORD</i> | 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:

| | |
|-------------|------------------------|
| <i>WORD</i> | 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:

| | |
|-------------|------------------------|
| <i>WORD</i> | 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:

| | |
|-----------|--|
| <i>id</i> | 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:

| | |
|-----------|--|
| <i>id</i> | 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:

| | |
|------------|--|
| <i>arg</i> | 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:

| | |
|------------|--|
| <i>arg</i> | 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:

| | |
|----------------|--------------------|
| <i>version</i> | 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:

| | |
|----------------|--------------------|
| <i>version</i> | 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:

| | |
|----------------|--------------------|
| <i>version</i> | 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:

| | |
|-------------|------------------------------------|
| <i>WORD</i> | 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 |
| <i>LIST</i> | 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 |
| <i>LIST</i> | 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:

| | |
|-------------|------------|
| <i>WORD</i> | 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:

| | |
|-------------|------------|
| <i>WORD</i> | 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 |
| <i>WORD</i> | Route Map Name (Max Size 63) |
| label | Configure consumer label |
| <i>WORD</i> | 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 |
| <i>WORD</i> | Route Map Name (Max Size 63) |
| label | Configure consumer label |
| <i>WORD</i> | 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 |
| <i>WORD</i> | Route Map Name (Max Size 63) |
| label | Configure consumer label |
| <i>WORD</i> | 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 |
| <i>WORD</i> | Route Map Name (Max Size 63) |
| label | Configure consumer label |
| <i>WORD</i> | 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:

| | |
|-------------|--------------------|
| <i>WORD</i> | 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:

| | |
|-------------|--------------------|
| <i>WORD</i> | 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:

| | |
|-------------|--|
| <i>DATE</i> | 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:

| | |
|-------------|-------------------------|
| <i>WORD</i> | 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 |
|-----|------------------------------------|

| | |
|-------------|------------------------------|
| <i>WORD</i> | 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:

| | |
|-------------|--------------------------|
| <i>WORD</i> | 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:

| | |
|-------------|-----------------------------|
| <i>WORD</i> | 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:

| | |
|-------------|-----------------------------|
| <i>WORD</i> | 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:

| | |
|-------------|-----------------------------------|
| <i>WORD</i> | Community list name (Max Size 64) |
| <i>LINE</i> | 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:

| | |
|-------------|-----------------------------------|
| <i>WORD</i> | Community list name (Max Size 64) |
| <i>LINE</i> | 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:

| | |
|----------------|---|
| <i>WORD</i> | Community list name (Max Size 64) |
| <i>scope</i> | (Optional) transitive or non-transitive |
| <i>ASN2:NN</i> | 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:

| | |
|----------------|---|
| <i>WORD</i> | Community list name (Max Size 64) |
| <i>scope</i> | (Optional) transitive or non-transitive |
| <i>ASN2:NN</i> | 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 |
| <i>WORD</i> | 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 |
| <i>WORD</i> | External L3 EPG name |
| <i>WORD</i> | 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 |
| <i>WORD</i> | External L3 EPG name |
| <i>WORD</i> | 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:

| | |
|--------------|---|
| <i>WORD</i> | External L3 EPG name (Max Size 49) |
| oob-mgmt | (Optional) External L3 EPG for Out of band |
| <i>l3out</i> | (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-prefix

external-prefix <A.B.C.D/LEN or A:B::C:D/LEN> [ge <1-32> for IPv4 or <1-128> for IPv6] [le <1-32> for IPv4 or <1-128> for IPv6]

Description: External prefix for Inter-VRF Leaked Routes for ESG

Syntax:

| | |
|--|---|
| <i>A.B.C.D/LEN or A:B::C:D/LEN</i> | IP prefix and network mask length in format x.x.x.x/m or IPv6 prefix format: xxxx:xxxx/ml, xxxx:xxxx::/ml, xxxx::xx/128 |
| <i><1-32> for IPv4 or <1-128> for IPv6</i> | (Optional) Minimum prefix length |
| <i><1-32> for IPv4 or <1-128> for IPv6</i> | (Optional) Maximum prefix length |

Command Mode: leak-route : Inter-VRF Leaked Routes for ESG configuration mode

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# vrf context <WORD>
(config-tenant-vrf)# leak-route
(config-tenant-vrf-leakroute)# external-prefix <A.B.C.D/LEN or A:B::C:D/LEN> [ge <1-32> for
IPv4 or <1-128> for IPv6] [le <1-32> for IPv4 or <1-128> for IPv6]
```

external-routed-domain

external-routed-domain <l3dom>

Description: Add l3Dom to the Resource Pool

Syntax:

| | |
|--------------|-------|
| <i>l3dom</i> | 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>
```