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# sak-expiry-time

**sak-expiry-time x in <0-0> or <60-2592000>**

**Description:** Configure the Security Association Key Expiry Time (in sec)

**Syntax:**

<i>x in &lt;0-0&gt; or &lt;60-2592000&gt;</i>	SAK Expiry Time, default 0=disabled
---	-------------------------------------

**Command Mode:** template macsec access|fabric security-policy : Configure MAC security policy parameters

**Command Path:**

```
# configure [['terminal', 't']]
(config)# template macsec access|fabric security-policy <WORD>
(config-macsec-param)# sak-expiry-time x in <0-0> or <60-2592000>
```

# sakexpirytime

**sakexpirytime** <NUMBER>

**Description:** Configure the Security Association Key Expiry Time (in minutes)

**Syntax:**

<5-1440>	SAK Expiry Time. Number range from=5 to=1440
----------	--

**Command Mode:** template cloudsec : Configure cloudsec Policies

**Command Path:**

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

# sampling-rate

## sampling-rate <samplingRate>

**Description:** Configure Sampling Rate

**Syntax:**

<i>samplingRate</i>	Configure Sampling Rate. Number range from=0 to=1000
---------------------	--

**Command Mode:** flow exporter : Configure NetFlow Exporter Policy

**Command Path:**

```
# configure [['terminal', 't']]
(config)# vmware-domain <WORD> [delimiter <WORD>] [access-mode <access-mode>]
(config-vmware)# configure-dvs
(config-vmware-dvs)# flow exporter <WORD>
(config-vmware-dvs-flow-exporter)# sampling-rate <samplingRate>
```

## sampling-rate <samplingRate>

**Description:** Configure Sampling Rate

**Syntax:**

<i>samplingRate</i>	Configure Sampling Rate. Number range from=0 to=1000
---------------------	--

**Command Mode:** flow exporter : Configure NetFlow Exporter Policy

**Command Path:**

```
# configure [['terminal', 't']]
(config)# vmware-domain <WORD> [delimiter <WORD>] [access-mode <access-mode>]
(config-vmware)# configure-avs
(config-vmware-avs)# flow exporter <WORD>
(config-None)# sampling-rate <samplingRate>
```

## sampling-rate <samplingRate>

**Description:** Configure Sampling Rate

**Syntax:**

<i>samplingRate</i>	Configure Sampling Rate. Number range from=0 to=1000
---------------------	--

**Command Mode:** flow exporter : Configure NetFlow Exporter Policy

**Command Path:**

```
# configure [['terminal', 't']]
(config)# vmware-domain <WORD> [delimiter <WORD>] [access-mode <access-mode>]
(config-vmware)# configure-ave
(config-vmware-ave)# flow exporter <WORD>
```



```
(config-None)# sampling-rate <samplingRate>
```

# scale-profile

## scale-profile <WORD>

**Description:** Configure Forwarding Scale Profile policy

**Syntax:**

<i>WORD</i>	Provide a Forwarding Scale Profile policy name
-------------	--

**Command Mode:** configure : Configuration Mode

**Command Path:**

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

## scale-profile <arg>

**Description:** Add Forwarding Scale Profile policy

**Syntax:**

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

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

**Command Path:**

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

# schedule

## schedule <WORD>

**Description:** Assign a scheduler

**Syntax:**

<i>WORD</i>	scheduler name (Max Size 64)
-------------	------------------------------

**Command Mode:** switch-group : Create switch firmware upgrade policy

**Command Path:**

```
# configure [['terminal', 't']]
(config)# firmware
(config-firmware)# switch-group <WORD>
(config-firmware-switch)# schedule <WORD>
```

## schedule <WORD>

**Description:** Schedule snapshot export

**Syntax:**

<i>WORD</i>	Scheduler name
-------------	----------------

**Command Mode:** snapshot export : Configuration export setup mode

**Command Path:**

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

# scheduler

## **scheduler pause**

**Description:** Pause maintenance policy scheduler

### **Syntax:**

pause	Pause maintenance policy scheduler
-------	------------------------------------

**Command Mode:** switch-group : Create switch firmware upgrade policy

### **Command Path:**

```
# configure [['terminal', 't']]
(config)# firmware
(config-firmware)# switch-group <WORD>
(config-firmware-switch)# scheduler pause
```

## **scheduler fabric|controller schedule <WORD>**

**Description:** Scheduler configuration mode

### **Syntax:**

fabric	Fabric schedules
controller	Controller schedules
schedule	Configure a schedule
<i>WORD</i>	Schedule name (Max size 64)

**Command Mode:** configure : Configuration Mode

### **Command Path:**

```
# configure [['terminal', 't']]
(config)# scheduler fabric|controller schedule <WORD>
```

# scheduling

**scheduling** <WORD>

**Description:** Set the scheduling algorithm

**Syntax:**

<i>WORD</i>	Algorithm to choose
-------------	---------------------

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

**Command Path:**

```
# configure [['terminal', 't']]
(config)# qos parameters <WORD>
(config-qos)# scheduling <WORD>
```

# scope

## scope <WORD>

**Description:** Specify the scope for the contract

**Syntax:**

WORD	Contract Scope
------	----------------

**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)# scope <WORD>
```

## scope combinable

**Description:** Set route-profile scope

**Syntax:**

combinable	combinable
------------	------------

**Command Mode:** template route-profile : Configure route-profile template under VRF/L3Out for bridge-domain export

**Command Path:**

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# vrf context tenant <WORD> vrf <WORD> [l3out <l3out>]
(config-leaf-vrf)# template route-profile <WORD> <WORD> <NUMBER>
(config-leaf-vrf-template-route-profile)# scope combinable
```

## scope global

**Description:** Set scope

**Syntax:**

global	Route-map will be available for use on all nodes in this tenant and vrf
--------	---

**Command Mode:** route-map : Create route-map or enter route-map command mode

**Command Path:**

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

```
(config-leaf-vrf-route-map)# scope global
```

### scope combinable

**Description:** Set route-profile scope

**Syntax:**

combinable	combinable
------------	------------

**Command Mode:** template route-profile : Configure route-profile template under VRF/L3Out for bridge-domain export

**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# vrf context tenant <WORD> vrf <WORD> [l3out <l3out>]
(config-leaf-vrf)# template route-profile <WORD> <WORD> <NUMBER>
(config-leaf-vrf-template-route-profile)# scope combinable
```

### scope global

**Description:** Set scope

**Syntax:**

global	Route-map will be available for use on all nodes in this tenant and vrf
--------	---

**Command Mode:** route-map : Create route-map or enter route-map command mode

**Command Path:**

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

## scvmm

**scvmm <arg> cloud <WORD> [name <name>]**

**Description:** Configure an SCVMM in the Microsoft domain

**Syntax:**

<i>arg</i>	
cloud	Cloud name
<i>WORD</i>	Cloud Name (Max Size 512)
<i>name</i>	(Optional) SCVMM Controller Name

**Command Mode:** microsoft-domain : Create a VMM Microsoft Domain

**Command Path:**

```
# configure [['terminal', 't']]
(config)# microsoft-domain <WORD> [delimiter <WORD>]
(config-microsoft)# scvmm <> cloud <WORD> [name <name>]
```



# second-file

**second-file** <FILENAME>

**Description:** Second snapshot file name

**Syntax:**

<i>FILENAME</i>	Second snapshot file name
-----------------	---------------------------

**Command Mode:** snapshot rollback : Configuration rollback setup mode

**Command Path:**

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

# security-domain

## security-domain <WORD>

**Description:** Add security domain

**Syntax:**

<i>WORD</i>	Security-domain name
-------------	----------------------

**Command Mode:** vlan-domain : Configure vlan domain

**Command Path:**

```
# configure [['terminal', 't']]
(config)# vlan-domain <name> [dynamic] [type <domain-type>]
(config-vlan)# security-domain <WORD>
```

## security-domain <WORD>

**Description:** Add a security domain to this VMware domain

**Syntax:**

<i>WORD</i>	Security domain name (Max Size 64)
-------------	------------------------------------

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

**Command Path:**

```
# configure [['terminal', 't']]
(config)# vmware-domain <WORD> [delimiter <WORD>] [access-mode <access-mode>]
(config-vmware)# security-domain <WORD>
```

# security-mode

**security-mode** <arg>

**Description:** Configure whether all traffic or only encrypted traffic can flow through

**Syntax:**

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

**Command Mode:** template macsec access|fabric security-policy : Configure MAC security policy parameters

**Command Path:**

```
# configure [['terminal', 't']]
(config)# template macsec access|fabric security-policy <WORD>
(config-macsec-param)# security-mode <>
```

# security-policy

**security-policy** <WORD>

**Description:** Configuration for security policy

**Syntax:**

<i>WORD</i>	security policy name (Max Size 64)
-------------	------------------------------------

**Command Mode:** first-hop-security : Configuration for first hop security

**Command Path:**

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# first-hop-security
(config-tenant-fhs)# security-policy <WORD>
```

# security

**security domain <WORD>**

**Description:** Add a security domain to the tenant

**Syntax:**

domain	Domain
<i>WORD</i>	Security domain name (Max Size None)

**Command Mode:** tenant : Tenant configuration mode

**Command Path:**

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# security domain <WORD>
```

# security allow-promiscuous

**security allow-promiscuous <WORD>**

**Description:** Enable/Disable promiscuous mode

**Syntax:**

<i>WORD</i>	Enable/Disable promiscuous mode
-------------	---------------------------------

**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>]
[delimiter <WORD>]
(config-tenant-app-epg-domain)# security allow-promiscuous <WORD>
```

# security forged-transmits

**security forged-transmits <WORD>**

**Description:** Accept/Reject Forced Transmits

**Syntax:**

<i>WORD</i>	Accept/Reject Forged Transmits
-------------	--------------------------------

**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>]
[delimiter <WORD>]
(config-tenant-app-epg-domain)# security forged-transmits <WORD>
```

# security mac-changes

**security mac-changes <WORD>**

**Description:** Accept/Reject Mac Changes

**Syntax:**

<i>WORD</i>	Accept/Reject Mac Changes
-------------	---------------------------

**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>]
[delimiter <WORD>]
(config-tenant-app-epg-domain)# security mac-changes <WORD>
```



# send-community

## send-community [extended]

**Description:** Send Community attribute to this neighbor

**Syntax:**

extended	(Optional) Send Extended Community attribute
----------	--

**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)# send-community [extended]
```

## send-community [extended]

**Description:** Send Community attribute to this neighbor

**Syntax:**

extended	(Optional) Send Extended Community attribute
----------	--

**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)# send-community [extended]
```

# server-group

**server-group** <WORD>

**Description:** server group configuration mode

**Syntax:**

<i>WORD</i>	Logging server-group name (Max Size 64)
-------------	---

**Command Mode:** tacacslog-monitoring : TacacsLog common policy configuration mode

**Command Path:**

```
# configure [['terminal', 't']]
(config)# tacacslog-monitoring common tacacslog-src <WORD>
(config-tacacslog-monitoring)# server-group <WORD>
```

# server-mode

## server-mode

**Description:** Server Mode for NTP Server

**Command Mode:** ntp : Configure the default ntp policy

**Command Path:**

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

## server-mode

**Description:** Server Mode for NTP Server

**Command Mode:** template ntp-fabric : Network Time Protocol (NTP)

**Command Path:**

```
# configure [['terminal', 't']]
(config)# template ntp-fabric <WORD>
(config-template-ntp-fabric)# server-mode
```

# server-monitoring

## server-monitoring <server-monitoring>

**Description:** Enable or disable the server monitoring using test user

**Syntax:**

<server-monitoring>	<server-monitoring>
---------------------	---------------------

**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)# server-monitoring <server-monitoring>
```

## server-monitoring <server-monitoring>

**Description:** Enable or disable the server monitoring using test user

**Syntax:**

<server-monitoring>	<server-monitoring>
---------------------	---------------------

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

**Command Path:**

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

## server-monitoring <server-monitoring>

**Description:** Enable or disable the server monitoring using test user

**Syntax:**

<server-monitoring>	<server-monitoring>
---------------------	---------------------

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

**Command Path:**

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

**server-monitoring <server-monitoring>**

**Description:** Enable or disable the server monitoring using test user

**Syntax:**

<i>&lt;server-monitoring&gt;</i>	<i>&lt;server-monitoring&gt;</i>
----------------------------------	----------------------------------

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

**Command Path:**

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

## server

**server** <A.B.C.D|A:B::C:D|WORD> priority <NUMBER>

**Description:** Add LDAP server to LDAP group

**Syntax:**

<i>A.B.C.D A:B::C:D WORD</i>	LDAP server name or IP address
priority	priority of server within group
<0-16>	Priority of server within group. Number range from=0 to=16

**Command Mode:** aaa group server ldap : LDAP server group name.

**Command Path:**

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

**server** <A.B.C.D|A:B::C:D|WORD> priority <NUMBER>

**Description:** Add RADIUS server to RADIUS group

**Syntax:**

<i>A.B.C.D A:B::C:D WORD</i>	RADIUS server name or IP address
priority	priority of server within group
<0-16>	Priority of server within group. Number range from=0 to=16

**Command Mode:** aaa group server radius : RADIUS server group name.

**Command Path:**

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

**server** <A.B.C.D|A:B::C:D|WORD> priority <NUMBER>

**Description:** Add RSA server to RSA group

**Syntax:**

<i>A.B.C.D A:B::C:D WORD</i>	RSA server name or IP address
priority	priority of server within group
<0-16>	Priority of server within group. Number range from=0 to=16

**Command Mode:** aaa group server rsa : RSA server group name.

**Command Path:**

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

**server <A.B.C.D|A:B::C:D|WORD> priority <NUMBER>**

**Description:** Add TACACS PLUS server to TACACS PLUS group

**Syntax:**

<i>A.B.C.D A:B::C:D WORD</i>	TACACS PLUS server name or IP address
priority	priority of server within group
<0-16>	Priority of server within group. Number range from=0 to=16

**Command Mode:** aaa group server tacacsplus : TACACS+ server group name.

**Command Path:**

```
# configure [['terminal', 't']]
(config)# aaa group server tacacsplus <WORD>
(config-tacacsplus)# server <A.B.C.D|A:B::C:D|WORD> priority <NUMBER>
```

**server <WORD> [prefer] [key <arg>] [use-epg <arg>] [use-vrf <arg>]**

**Description:** Configure ntp servers for the active ntp policy

**Syntax:**

<i>WORD</i>	Server name/IP for the active ntp policy (Max Size 64)
prefer	(Optional) Preferred server for the active ntp policy
<i>arg</i>	(Optional) Reference key id for authentication. Number range from=1 to=65535
<i>arg</i>	(Optional) Configure management EPG
<i>arg</i>	(Optional) Configure management vrf

**Command Mode:** ntp : Configure the default ntp policy

**Command Path:**

```
# configure [['terminal', 't']]
(config)# pod <NUMBER>
(config-pod)# ntp
(config-ntp)# server <WORD> [prefer] [key <>] [use-epg <>] [use-vrf <>]
```

**server <WORD> [prefer] [key <arg>] [use-epg <arg>] [use-vrf <arg>]**

**Description:** Configure ntp servers for the active ntp policy

**Syntax:**

<i>WORD</i>	Server name/IP for the active ntp policy (Max Size 64)
<i>prefer</i>	(Optional) Preferred server for the active ntp policy
<i>arg</i>	(Optional) Reference key id for authentication. Number range from=1 to=65535
<i>arg</i>	(Optional) Configure management EPG
<i>arg</i>	(Optional) Configure management vrf

**Command Mode:** template ntp-fabric : Network Time Protocol (NTP)

**Command Path:**

```
# configure [['terminal', 't']]
(config)# template ntp-fabric <WORD>
(config-template-ntp-fabric)# server <WORD> [prefer] [key <>] [use-epg <>] [use-vrf <>]
```

**server <host/ipaddr> [facility <facility>] [severity <severity>] [mgmtepg <mgmtepg>] [port <port>] [format <format>]**

**Description:** Add a destination server

**Syntax:**

<i>&lt;host/ipaddr&gt;</i>	The hostname or ipaddress
<i>facility</i>	(Optional) The forwarding facility level for logs generated
<i>severity</i>	(Optional) The severity level for logs generated
<i>mgmtepg</i>	(Optional) MgmtEndpoint
<i>port</i>	(Optional) Service port of the remote destination. Number range from=1 to=65535
<i>format</i>	(Optional) The format for the syslog messages

**Command Mode:** logging : Logging server group configuration mode

**Command Path:**

```
# configure [['terminal', 't']]
(config)# logging server-group <WORD>
(config-logging)# server <host/ipaddr> [facility <facility>] [severity <severity>] [mgmtepg <mgmtepg>] [port <port>] [format <format>]
```



# service-function-profile

**service-function-profile <funcprof>**

**Description:** Add Function Profile

**Syntax:**

<i>funcprof</i>	funcprof
-----------------	----------

**Command Mode:** function-profile : Configure function profile container

**Command Path:**

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# 1417 resource-pool <WORD>
(config-resource-pool)# function-profile <WORD>
(config-function-profile)# service-function-profile <funcprof>
```

# service-policy

**service-policy type data-plane|control-plane-if <arg> <WORD>**

**Description:** QOS service policy

**Syntax:**

type	Type of the Qos Policy
data-plane	QOS policy for Data Plane Policing
control-plane-if	QOS policy for Control Plane Policing
<i>arg</i>	
<i>WORD</i>	Qos Policy Name (Max Size 64)

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

**Command Path:**

```
# configure [['terminal', 't']]
(config)# template port-channel <WORD>
(config-po-ch-if)# service-policy type data-plane|control-plane-if <> <WORD>
```

**service-policy <WORD>**

**Description:** Specify the QOS service policy

**Syntax:**

<i>WORD</i>	Service policy to apply (Max Size 64)
-------------	---------------------------------------

**Command Mode:** external-l2 : L2 external EPG creation/configuration

**Command Path:**

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# external-l2 epg <WORD>
(config-tenant-l2ext-epg)# service-policy <WORD>
```

**service-policy type data-plane input|output <WORD>**

**Description:** QOS service policy

**Syntax:**

type	Type of the Qos Policy
data-plane	QOS policy for Data Plane Policing

input	Ingress Direction
output	Egress Direction
<i>WORD</i>	Qos Policy Name (Max Size 64)

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

**Command Path:**

```
# configure [['terminal', 't']]
(config)# vpc context leaf <101-4000> <101-4000> [fex <fex>]
(config-vpc)# interface vpc <WORD> [fex <fex>]
(config-vpc-if)# service-policy type data-plane input|output <WORD>
```

## service-policy type control-plane-if

**service-policy type control-plane-if <arg> <WORD>**

**Description:** QOS policy for Control Plane Policing

**Syntax:**

<i>arg</i>	
<i>WORD</i>	Qos Policy Name (Max Size 64)

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

**Command Path:**

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

**service-policy type control-plane-if <arg> <WORD>**

**Description:** QOS policy for Control Plane Policing

**Syntax:**

<i>arg</i>	
<i>WORD</i>	Qos Policy Name (Max Size 64)

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

**Command Path:**

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface port-channel <WORD> [fex <fex>]
(config-leaf-if)# service-policy type control-plane-if <> <WORD>
```

**service-policy type control-plane-if <arg> <WORD>**

**Description:** QOS policy for Control Plane Policing

**Syntax:**

<i>arg</i>	
<i>WORD</i>	Qos Policy Name (Max Size 64)

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

**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface ethernet <ifRange>
(config-leaf-if)# service-policy type control-plane-if <> <WORD>
```

### service-policy type control-plane-if <arg> <WORD>

**Description:** QOS policy for Control Plane Policing

#### Syntax:

<i>arg</i>	
<i>WORD</i>	Qos Policy Name (Max Size 64)

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

#### Command Path:

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface port-channel <WORD> [fex <fex>]
(config-leaf-if)# service-policy type control-plane-if <> <WORD>
```

# service-policy type data-plane

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

**Description:** Data plane Policy

**Syntax:**

<i>WORD</i>	Data plane Service Policy (Max Size 64)
-------------	---

**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)# service-policy type data-plane <WORD>
```

## service-policy type data-plane input|output <WORD>

**Description:** QOS policy for Data Plane Policing

**Syntax:**

input	Ingress Direction
output	Egress Direction
<i>WORD</i>	Qos Policy Name (Max Size 64)

**Command Mode:** interface vlan : Vlan interface

**Command Path:**

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface vlan <1-4094>
(config-leaf-if)# service-policy type data-plane input|output <WORD>
```

## service-policy type data-plane <arg> <WORD>

**Description:** QOS policy for Data Plane Policing

**Syntax:**

<i>arg</i>	
<i>WORD</i>	Qos Policy Name (Max Size 64)

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

**Command Path:**

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

### service-policy type data-plane <arg> <WORD>

**Description:** QOS policy for Data Plane Policing

**Syntax:**

<i>arg</i>	
<i>WORD</i>	Qos Policy Name (Max Size 64)

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

**Command Path:**

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface port-channel <WORD> [fex <fex>]
(config-leaf-if)# service-policy type data-plane <> <WORD>
```

### service-policy type data-plane input|output <WORD>

**Description:** QOS policy for Data Plane Policing

**Syntax:**

input	Ingress Direction
output	Egress Direction
<i>WORD</i>	Qos Policy Name (Max Size 64)

**Command Mode:** interface vlan : Vlan interface

**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface vlan <1-4094>
(config-leaf-if)# service-policy type data-plane input|output <WORD>
```

### service-policy type data-plane <arg> <WORD>

**Description:** QOS policy for Data Plane Policing

**Syntax:**

<i>arg</i>	
<i>WORD</i>	Qos Policy Name (Max Size 64)

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

**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface ethernet <ifRange>
(config-leaf-if)# service-policy type data-plane <> <WORD>
```

**service-policy type data-plane <arg> <WORD>**

**Description:** QOS policy for Data Plane Policing

**Syntax:**

<i>arg</i>	
<i>WORD</i>	Qos Policy Name (Max Size 64)

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

**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface port-channel <WORD> [fex <fex>]
(config-leaf-if)# service-policy type data-plane <> <WORD>
```



# service-policy type qos

## service-policy type qos <WORD>

**Description:** Qos Policy

**Syntax:**

<i>WORD</i>	Qos Service Policy (Max Size 64)
-------------	----------------------------------

**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)# service-policy type qos <WORD>
```

## service-policy type qos <WORD>

**Description:** QOS service policy

**Syntax:**

<i>WORD</i>	Custom Qos Policy for L3Out (Max Size 64)
-------------	---

**Command Mode:** interface vlan : Vlan interface

**Command Path:**

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface vlan <1-4094>
(config-leaf-if)# service-policy type qos <WORD>
```

## service-policy type qos <WORD>

**Description:** QOS service policy

**Syntax:**

<i>WORD</i>	Custom Qos Policy for L3Out (Max Size 64)
-------------	---

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

**Command Path:**

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

**service-policy type qos <WORD>****Description:** QOS service policy**Syntax:**

<i>WORD</i>	Custom Qos Policy for L3Out (Max Size 64)
-------------	---

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

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface port-channel <WORD> [fex <fex>]
(config-leaf-if)# service-policy type qos <WORD>
```

**service-policy type qos <WORD>****Description:** QOS service policy**Syntax:**

<i>WORD</i>	Custom Qos Policy for L3Out (Max Size 64)
-------------	---

**Command Mode:** interface vlan : Vlan interface**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface vlan <1-4094>
(config-leaf-if)# service-policy type qos <WORD>
```

**service-policy type qos <WORD>****Description:** QOS service policy**Syntax:**

<i>WORD</i>	Custom Qos Policy for L3Out (Max Size 64)
-------------	---

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

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

**service-policy type qos <WORD>****Description:** QOS service policy**Syntax:**

<i>WORD</i>	Custom Qos Policy for L3Out (Max Size 64)
-------------	---

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

**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface port-channel <WORD> [fex <fex>]
(config-leaf-if)# service-policy type qos <WORD>
```

# service

**service** <WORD> [device-cluster-tenant <WORD>] [device-cluster <WORD>] [mode <Available Modes>] [svcredir <Service Redirection>] [service-type <Service Type>]

**Description:** Configure L4-L7 Service

**Syntax:**

<i>WORD</i>	Service node name (Max Size 64)
<i>WORD</i>	(Optional) Tenant name (Max Size 63)
<i>WORD</i>	(Optional) Device cluster name (Max Size 64)
<i>Available Modes</i>	(Optional) Configure service node mode
<i>Service Redirection</i>	(Optional) Configure service redirection
<i>Service Type</i>	(Optional) Configure service node type

**Command Mode:** l4l7 graph : Configure L4-L7 Service Graph

**Command Path:**

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# l4l7 graph <WORD> [contract <contract-option>]
(config-graph)# service <WORD> [device-cluster-tenant <WORD>] [device-cluster <WORD>] [mode
<Available Modes>] [svcredir <Service Redirection>] [service-type <Service Type>]
```

# session-record-flags

**session-record-flags** <sessionRecordFlags>

**Description:** Enable/Disable refresh in the session records, Comma separated values

**Syntax:**

< <i>sessionRecordFlags</i> >	Session record flags as comma separated values like val1,val2,..valN
-------------------------------	--

**Command Mode:** crypto webtoken : The cryptographic data used for generating and verifying web tokens.

**Command Path:**

```
# configure [['terminal', 't']]
(config)# crypto webtoken
(config-webtoken)# session-record-flags <sessionRecordFlags>
```

# set

## set <propType> <propVal>

**Description:** Customize leaf aggregate policy values for Control Plane Policing

**Syntax:**

<i>propType</i>	propType
<i>propVal</i>	propVal. Number range from=0 to=9223372036854775807

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

**Command Path:**

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

## set <propType> <propVal>

**Description:** Customize spine aggregate policy values for Control Plane Policing

**Syntax:**

<i>propType</i>	propType
<i>propVal</i>	propVal. Number range from=0 to=9223372036854775807

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

**Command Path:**

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

## set qos-class <WORD>

**Description:** QOS level for the epq

**Syntax:**

qos-class	QOS level for the epq
<i>WORD</i>	Qos Level

**Command Mode:** epq : 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)# set qos-class <WORD>
```

**set qos-class <WORD>****Description:** QOS level for the application**Syntax:**

qos-class	QOS level for the application
<i>WORD</i>	Qos Level

**Command Mode:** application : application configuration mode**Command Path:**

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

**set qos-class <WORD>****Description:** QOS level for the tunnel**Syntax:**

qos-class	QOS level for the tunnel
<i>WORD</i>	Qos Level

**Command Mode:** dot1q-tunnel : Tunnel configuration mode**Command Path:**

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# dot1q-tunnel <WORD>
(config-tenant-tunnel)#set qos-class <WORD>
```

**set qos-class <contractQosLevel>****Description:** Specify the QOS level for the epg**Syntax:**

qos-class	class of QOS to specify
< <i>contractQosLevel</i> >	{unspecified level1 level2 level3}

**Command Mode:** inband-mgmt : Enter Inside In-band management mode to modify inband properties or create new inband

**Command Path:**

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# inband-mgmt epg <WORD>
(config-inb-epg)# set qos-class <contractQosLevel>
```

**set qos-class <WORD>**

**Description:** QOS level for the epg

**Syntax:**

qos-class	QOS level for the epg
<i>WORD</i>	Qos Level

**Command Mode:** external-l2 : L2 external EPG creation/configuration

**Command Path:**

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# external-l2 epg <WORD>
(config-tenant-l2ext-epg)# set qos-class <WORD>
```

**set qos-class <WORD>**

**Description:** QOS level for the epg

**Syntax:**

qos-class	class of QOS to specify
<i>WORD</i>	Qos Level

**Command Mode:** oob-mgmt : Creates/Modify the out of band mgmt under the tenant mgmt

**Command Path:**

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# oob-mgmt epg <epgval>
(config-oob-epg)# set qos-class <WORD>
```

**set qos-class unspecified|level1|level2|level3|level4|level5|level6**

**Description:** QOS level for interface

**Syntax:**

qos-class	QOS level for interface
-----------	-------------------------



unspecified	Set qos level - unspecified
level1	Set qos level - level1
level2	Set qos level - level2
level3	Set qos level - level3
level4	Set qos level - level4
level5	Set qos level - level5
level6	Set qos level - level6

**Command Mode:** interface vlan : Vlan interface

**Command Path:**

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface vlan <1-4094>
(config-leaf-if)# set qos-class unspecified|level1|level2|level3|level4|level5|level6
```

**set qos-class unspecified|level1|level2|level3|level4|level5|level6**

**Description:** QOS level for interface

**Syntax:**

qos-class	QOS level for interface
unspecified	Set qos level - unspecified
level1	Set qos level - level1
level2	Set qos level - level2
level3	Set qos level - level3
level4	Set qos level - level4
level5	Set qos level - level5
level6	Set qos level - level6

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

**Command Path:**

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface ethernet <ifRange>
(config-leaf-if)# set qos-class unspecified|level1|level2|level3|level4|level5|level6
```

**set qos-class unspecified|level1|level2|level3|level4|level5|level6****Description:** QOS level for interface**Syntax:**

qos-class	QOS level for interface
unspecified	Set qos level - unspecified
level1	Set qos level - level1
level2	Set qos level - level2
level3	Set qos level - level3
level4	Set qos level - level4
level5	Set qos level - level5
level6	Set qos level - level6

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

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface port-channel <WORD> [fex <fex>]
(config-leaf-if)# set qos-class unspecified|level1|level2|level3|level4|level5|level6
```

**set qos-class unspecified|level1|level2|level3|level4|level5|level6****Description:** QOS level for interface**Syntax:**

qos-class	QOS level for interface
unspecified	Set qos level - unspecified
level1	Set qos level - level1
level2	Set qos level - level2
level3	Set qos level - level3
level4	Set qos level - level4
level5	Set qos level - level5
level6	Set qos level - level6

**Command Mode:** interface vlan : Vlan interface**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface vlan <1-4094>
(config-leaf-if)# set qos-class unspecified|level1|level2|level3|level4|level5|level6
```

### set qos-class unspecified|level1|level2|level3|level4|level5|level6

**Description:** QOS level for interface

**Syntax:**

qos-class	QOS level for interface
unspecified	Set qos level - unspecified
level1	Set qos level - level1
level2	Set qos level - level2
level3	Set qos level - level3
level4	Set qos level - level4
level5	Set qos level - level5
level6	Set qos level - level6

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

**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface ethernet <ifRange>
(config-leaf-if)# set qos-class unspecified|level1|level2|level3|level4|level5|level6
```

### set qos-class unspecified|level1|level2|level3|level4|level5|level6

**Description:** QOS level for interface

**Syntax:**

qos-class	QOS level for interface
unspecified	Set qos level - unspecified
level1	Set qos level - level1
level2	Set qos level - level2
level3	Set qos level - level3
level4	Set qos level - level4
level5	Set qos level - level5

level6	Set qos level - level6
--------	------------------------

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

**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface port-channel <WORD> [fex <fex>]
(config-leaf-if)# set qos-class unspecified|level1|level2|level3|level4|level5|level6
```

# set addcommunity

**set addcommunity regular|extended <value>**

**Description:** Set BGP additional-community attribute

**Syntax:**

regular	BGP regular community
extended	BGP extended community
<i>value</i>	Community value in aa:nn format

**Command Mode:** template route-profile : Configure route-profile template under tenant for BGP dampening and route redistribution

**Command Path:**

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# template route-profile <WORD> tenant <WORD>
(config-leaf-template-route-profile)# set addcommunity regular|extended <value>
```

**set addcommunity regular|extended <value>**

**Description:** Set BGP additional-community attribute

**Syntax:**

regular	BGP regular community
extended	BGP extended community
<i>value</i>	Community value in aa:nn format

**Command Mode:** template route-profile : Configure route-profile template under VRF/L3Out for bridge-domain export

**Command Path:**

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# vrf context tenant <WORD> vrf <WORD> [l3out <l3out>]
(config-leaf-vrf)# template route-profile <WORD> <WORD> <NUMBER>
(config-leaf-vrf-template-route-profile)# set addcommunity regular|extended <value>
```

**set addcommunity regular|extended <value>**

**Description:** Set BGP additional-community attribute

**Syntax:**

regular	BGP regular community
extended	BGP extended community
<i>value</i>	Community value in aa:nn format

**Command Mode:** match bridge-domain : Match subnets of a bridge-domain

**Command Path:**

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# vrf context tenant <WORD> vrf <WORD> [l3out <l3out>]
(config-leaf-vrf)# route-map <WORD>
(config-leaf-vrf-route-map)# match bridge-domain <> [tenant <tenant>]
(config-leaf-vrf-route-map-match)# set addcommunity regular|extended <value>
```

**set addcommunity regular|extended <value>**

**Description:** Set BGP additional-community attribute

**Syntax:**

regular	BGP regular community
extended	BGP extended community
<i>value</i>	Community value in aa:nn format

**Command Mode:** match prefix-list : Match entries of a prefix-list

**Command Path:**

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# vrf context tenant <WORD> vrf <WORD> [l3out <l3out>]
(config-leaf-vrf)# route-map <WORD>
(config-leaf-vrf-route-map)# match prefix-list <WORD> [deny]
(config-leaf-vrf-route-map-match)# set addcommunity regular|extended <value>
```

**set addcommunity regular|extended <value>**

**Description:** Set BGP additional-community attribute

**Syntax:**

regular	BGP regular community
extended	BGP extended community
<i>value</i>	Community value in aa:nn format

**Command Mode:** match route group : Route group

**Command Path:**

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# vrf context tenant <WORD> vrf <WORD> [l3out <l3out>]
(config-leaf-vrf)# route-map <WORD>
(config-leaf-vrf-route-map)# match route group <> [order <order>] [deny]
(config-leaf-vrf-route-map-match)# set addcommunity regular|extended <value>
```

### set addcommunity regular|extended <value>

**Description:** Set BGP additional-community attribute

#### Syntax:

regular	BGP regular community
extended	BGP extended community
<i>value</i>	Community value in aa:nn format

**Command Mode:** template route-profile : Configure route-profile template under tenant for BGP dampening and route redistribution

#### Command Path:

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# template route-profile <WORD> tenant <WORD>
(config-leaf-template-route-profile)# set addcommunity regular|extended <value>
```

### set addcommunity regular|extended <value>

**Description:** Set BGP additional-community attribute

#### Syntax:

regular	BGP regular community
extended	BGP extended community
<i>value</i>	Community value in aa:nn format

**Command Mode:** template route-profile : Configure route-profile template under VRF/L3Out for bridge-domain export

#### Command Path:

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# vrf context tenant <WORD> vrf <WORD> [l3out <l3out>]
(config-leaf-vrf)# template route-profile <WORD> <WORD> <NUMBER>
(config-leaf-vrf-template-route-profile)# set addcommunity regular|extended <value>
```

**set addcommunity regular|extended <value>****Description:** Set BGP additional-community attribute**Syntax:**

regular	BGP regular community
extended	BGP extended community
<i>value</i>	Community value in aa:nn format

**Command Mode:** match bridge-domain : Match subnets of a bridge-domain**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# vrf context tenant <WORD> vrf <WORD> [l3out <l3out>]
(config-leaf-vrf)# route-map <WORD>
(config-leaf-vrf-route-map)# match bridge-domain <> [tenant <tenant>]
(config-leaf-vrf-route-map-match)# set addcommunity regular|extended <value>
```

**set addcommunity regular|extended <value>****Description:** Set BGP additional-community attribute**Syntax:**

regular	BGP regular community
extended	BGP extended community
<i>value</i>	Community value in aa:nn format

**Command Mode:** match prefix-list : Match entries of a prefix-list**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# vrf context tenant <WORD> vrf <WORD> [l3out <l3out>]
(config-leaf-vrf)# route-map <WORD>
(config-leaf-vrf-route-map)# match prefix-list <WORD> [deny]
(config-leaf-vrf-route-map-match)# set addcommunity regular|extended <value>
```

**set addcommunity regular|extended <value>****Description:** Set BGP additional-community attribute**Syntax:**

regular	BGP regular community
extended	BGP extended community
<i>value</i>	Community value in aa:nn format



**Command Mode:** match route group : Route group

**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# vrf context tenant <WORD> vrf <WORD> [l3out <l3out>]
(config-leaf-vrf)# route-map <WORD>
(config-leaf-vrf-route-map)# match route group <> [order <order>] [deny]
(config-leaf-vrf-route-map-match)# set addcommunity regular|extended <value>
```

## set as-path prepend-last-as

### set as-path prepend-last-as <NUMBER>

**Description:** Prepend last AS to the as-path

**Syntax:**

<1-10>	Number of last-AS prepends. Number range from=1 to=10
--------	---

**Command Mode:** template route-profile : Configure route-profile template under tenant for BGP dampening and route redistribution

**Command Path:**

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# template route-profile <WORD> tenant <WORD>
(config-leaf-template-route-profile)# set as-path prepend-last-as <NUMBER>
```

### set as-path prepend-last-as <NUMBER>

**Description:** Prepend last AS to the as-path

**Syntax:**

<1-10>	Number of last-AS prepends. Number range from=1 to=10
--------	---

**Command Mode:** template route-profile : Configure route-profile template under VRF/L3Out for bridge-domain export

**Command Path:**

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# vrf context tenant <WORD> vrf <WORD> [l3out <l3out>]
(config-leaf-vrf)# template route-profile <WORD> <WORD> <NUMBER>
(config-leaf-vrf-template-route-profile)# set as-path prepend-last-as <NUMBER>
```

### set as-path prepend-last-as <NUMBER>

**Description:** Prepend last AS to the as-path

**Syntax:**

<1-10>	Number of last-AS prepends. Number range from=1 to=10
--------	---

**Command Mode:** match bridge-domain : Match subnets of a bridge-domain

**Command Path:**

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
```

```
(config-leaf)# vrf context tenant <WORD> vrf <WORD> [l3out <l3out>]
(config-leaf-vrf)# route-map <WORD>
(config-leaf-vrf-route-map)# match bridge-domain <> [tenant <tenant>]
(config-leaf-vrf-route-map-match)# set as-path prepend-last-as <NUMBER>
```

### set as-path prepend-last-as <NUMBER>

**Description:** Prepend last AS to the as-path

**Syntax:**

<1-10>	Number of last-AS prepends. Number range from=1 to=10
--------	---

**Command Mode:** match prefix-list : Match entries of a prefix-list

**Command Path:**

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# vrf context tenant <WORD> vrf <WORD> [l3out <l3out>]
(config-leaf-vrf)# route-map <WORD>
(config-leaf-vrf-route-map)# match prefix-list <WORD> [deny]
(config-leaf-vrf-route-map-match)# set as-path prepend-last-as <NUMBER>
```

### set as-path prepend-last-as <NUMBER>

**Description:** Prepend last AS to the as-path

**Syntax:**

<1-10>	Number of last-AS prepends. Number range from=1 to=10
--------	---

**Command Mode:** match route group : Route group

**Command Path:**

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# vrf context tenant <WORD> vrf <WORD> [l3out <l3out>]
(config-leaf-vrf)# route-map <WORD>
(config-leaf-vrf-route-map)# match route group <> [order <order>] [deny]
(config-leaf-vrf-route-map-match)# set as-path prepend-last-as <NUMBER>
```

### set as-path prepend-last-as <NUMBER>

**Description:** Prepend last AS to the as-path

**Syntax:**

<1-10>	Number of last-AS prepends. Number range from=1 to=10
--------	---

**Command Mode:** template route-profile : Configure route-profile template under tenant for BGP dampening and route redistribution

**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# template route-profile <WORD> tenant <WORD>
(config-leaf-template-route-profile)# set as-path prepend-last-as <NUMBER>
```

**set as-path prepend-last-as <NUMBER>****Description:** Prepend last AS to the as-path**Syntax:**

<1-10>	Number of last-AS prepends. Number range from=1 to=10
--------	---

**Command Mode:** template route-profile : Configure route-profile template under VRF/L3Out for bridge-domain export**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# vrf context tenant <WORD> vrf <WORD> [l3out <l3out>]
(config-leaf-vrf)# template route-profile <WORD> <WORD> <NUMBER>
(config-leaf-vrf-template-route-profile)# set as-path prepend-last-as <NUMBER>
```

**set as-path prepend-last-as <NUMBER>****Description:** Prepend last AS to the as-path**Syntax:**

<1-10>	Number of last-AS prepends. Number range from=1 to=10
--------	---

**Command Mode:** match bridge-domain : Match subnets of a bridge-domain**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# vrf context tenant <WORD> vrf <WORD> [l3out <l3out>]
(config-leaf-vrf)# route-map <WORD>
(config-leaf-vrf-route-map)# match bridge-domain <> [tenant <tenant>]
(config-leaf-vrf-route-map-match)# set as-path prepend-last-as <NUMBER>
```

**set as-path prepend-last-as <NUMBER>****Description:** Prepend last AS to the as-path**Syntax:**

<1-10>	Number of last-AS prepends. Number range from=1 to=10
--------	---

**Command Mode:** match prefix-list : Match entries of a prefix-list**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# vrf context tenant <WORD> vrf <WORD> [l3out <l3out>]
(config-leaf-vrf)# route-map <WORD>
(config-leaf-vrf-route-map)# match prefix-list <WORD> [deny]
(config-leaf-vrf-route-map-match)# set as-path prepend-last-as <NUMBER>
```

### set as-path prepend-last-as <NUMBER>

**Description:** Prepend last AS to the as-path

#### Syntax:

<1-10>	Number of last-AS prepends. Number range from=1 to=10
--------	---

**Command Mode:** match route group : Route group

#### Command Path:

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# vrf context tenant <WORD> vrf <WORD> [l3out <l3out>]
(config-leaf-vrf)# route-map <WORD>
(config-leaf-vrf-route-map)# match route group <> [order <order>] [deny]
(config-leaf-vrf-route-map-match)# set as-path prepend-last-as <NUMBER>
```

# set as-path prepend

**set as-path prepend <1-4294967295>**

**Description:** Prepend to the AS-Path

**Syntax:**

<1-4294967295>	Prepend to the AS-Path
----------------	------------------------

**Command Mode:** template route-profile : Configure route-profile template under tenant for BGP dampening and route redistribution

**Command Path:**

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# template route-profile <WORD> tenant <WORD>
(config-leaf-template-route-profile)# set as-path prepend <1-4294967295>
```

**set as-path prepend <1-4294967295>**

**Description:** Prepend to the AS-Path

**Syntax:**

<1-4294967295>	Prepend to the AS-Path
----------------	------------------------

**Command Mode:** template route-profile : Configure route-profile template under VRF/L3Out for bridge-domain export

**Command Path:**

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# vrf context tenant <WORD> vrf <WORD> [l3out <l3out>]
(config-leaf-vrf)# template route-profile <WORD> <WORD> <NUMBER>
(config-leaf-vrf-template-route-profile)# set as-path prepend <1-4294967295>
```

**set as-path prepend <1-4294967295>**

**Description:** Prepend to the AS-Path

**Syntax:**

<1-4294967295>	Prepend to the AS-Path
----------------	------------------------

**Command Mode:** match bridge-domain : Match subnets of a bridge-domain

**Command Path:**

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
```

```
(config-leaf)# vrf context tenant <WORD> vrf <WORD> [l3out <l3out>]
(config-leaf-vrf)# route-map <WORD>
(config-leaf-vrf-route-map)# match bridge-domain <> [tenant <tenant>]
(config-leaf-vrf-route-map-match)# set as-path prepend <l-4294967295>
```

**set as-path prepend <l-4294967295>****Description:** Prepend to the AS-Path**Syntax:**

<l-4294967295>	Prepend to the AS-Path
----------------	------------------------

**Command Mode:** match prefix-list : Match entries of a prefix-list**Command Path:**

```
# configure [['terminal', 't']]
(config)# leaf <l01-4000>
(config-leaf)# vrf context tenant <WORD> vrf <WORD> [l3out <l3out>]
(config-leaf-vrf)# route-map <WORD>
(config-leaf-vrf-route-map)# match prefix-list <WORD> [deny]
(config-leaf-vrf-route-map-match)# set as-path prepend <l-4294967295>
```

**set as-path prepend <l-4294967295>****Description:** Prepend to the AS-Path**Syntax:**

<l-4294967295>	Prepend to the AS-Path
----------------	------------------------

**Command Mode:** match route group : Route group**Command Path:**

```
# configure [['terminal', 't']]
(config)# leaf <l01-4000>
(config-leaf)# vrf context tenant <WORD> vrf <WORD> [l3out <l3out>]
(config-leaf-vrf)# route-map <WORD>
(config-leaf-vrf-route-map)# match route group <> [order <order>] [deny]
(config-leaf-vrf-route-map-match)# set as-path prepend <l-4294967295>
```

**set as-path prepend <l-4294967295>****Description:** Prepend to the AS-Path**Syntax:**

<l-4294967295>	Prepend to the AS-Path
----------------	------------------------

**Command Mode:** template route-profile : Configure route-profile template under tenant for BGP dampening and route redistribution**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# template route-profile <WORD> tenant <WORD>
(config-leaf-template-route-profile)# set as-path prepend <1-4294967295>
```

**set as-path prepend <1-4294967295>****Description:** Prepend to the AS-Path**Syntax:**

<1-4294967295>	Prepend to the AS-Path
----------------	------------------------

**Command Mode:** template route-profile : Configure route-profile template under VRF/L3Out for bridge-domain export

**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# vrf context tenant <WORD> vrf <WORD> [l3out <l3out>]
(config-leaf-vrf)# template route-profile <WORD> <WORD> <NUMBER>
(config-leaf-vrf-template-route-profile)# set as-path prepend <1-4294967295>
```

**set as-path prepend <1-4294967295>****Description:** Prepend to the AS-Path**Syntax:**

<1-4294967295>	Prepend to the AS-Path
----------------	------------------------

**Command Mode:** match bridge-domain : Match subnets of a bridge-domain

**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# vrf context tenant <WORD> vrf <WORD> [l3out <l3out>]
(config-leaf-vrf)# route-map <WORD>
(config-leaf-vrf-route-map)# match bridge-domain <> [tenant <tenant>]
(config-leaf-vrf-route-map-match)# set as-path prepend <1-4294967295>
```

**set as-path prepend <1-4294967295>****Description:** Prepend to the AS-Path**Syntax:**

<1-4294967295>	Prepend to the AS-Path
----------------	------------------------

**Command Mode:** match prefix-list : Match entries of a prefix-list

**Command Path:**



```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# vrf context tenant <WORD> vrf <WORD> [l3out <l3out>]
(config-leaf-vrf)# route-map <WORD>
(config-leaf-vrf-route-map)# match prefix-list <WORD> [deny]
(config-leaf-vrf-route-map-match)# set as-path prepend <1-4294967295>
```

### set as-path prepend <1-4294967295>

**Description:** Prepend to the AS-Path

**Syntax:**

<1-4294967295>	Prepend to the AS-Path
----------------	------------------------

**Command Mode:** match route group : Route group

**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# vrf context tenant <WORD> vrf <WORD> [l3out <l3out>]
(config-leaf-vrf)# route-map <WORD>
(config-leaf-vrf-route-map)# match route group <> [order <order>] [deny]
(config-leaf-vrf-route-map-match)# set as-path prepend <1-4294967295>
```

# set burst

**set burst <0-549755813760> UNIT**

**Description:** Burst Rate

**Syntax:**

<0-549755813760>	Burst Rate
UNIT	Burst Rate Unit

**Command Mode:** policy-map type data-plane : Create a policymap of DataPlane type to police/reclassify the traffic

**Command Path:**

```
# configure [['terminal', 't']]
(config)# policy-map type data-plane <WORD>
(config-pmap-dpp)# set burst <0-549755813760> UNIT
```

**set burst <0-549755813760> UNIT**

**Description:** Burst Rate

**Syntax:**

<0-549755813760>	Burst Rate
UNIT	Burst Rate Unit

**Command Mode:** policy-map type data-plane : data-plane policy type

**Command Path:**

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# policy-map type data-plane <WORD>
(config-tenant-pmap-dpp)# set burst <0-549755813760> UNIT
```

# set cir

**set cir <0-4398046510080> UNIT**

**Description:** Committed Rate

**Syntax:**

<i>&lt;0-4398046510080&gt;</i>	Committed Rate
<i>UNIT</i>	Committed Rate Unit

**Command Mode:** policy-map type data-plane : Create a policymap of DataPlane type to police/reclassify the traffic

**Command Path:**

```
# configure [['terminal', 't']]
(config)# policy-map type data-plane <WORD>
(config-pmap-dpp)# set cir <0-4398046510080> UNIT
```

**set cir <0-4398046510080> UNIT**

**Description:** Committed Rate

**Syntax:**

<i>&lt;0-4398046510080&gt;</i>	Committed Rate
<i>UNIT</i>	Committed Rate Unit

**Command Mode:** policy-map type data-plane : data-plane policy type

**Command Path:**

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# policy-map type data-plane <WORD>
(config-tenant-pmap-dpp)# set cir <0-4398046510080> UNIT
```

# set community

**set community regular|extended <value> additive|replace|none**

**Description:** Set BGP community attribute

**Syntax:**

regular	BGP regular community
extended	BGP extended community
<i>value</i>	Community value in aa:nn format
additive	Add to existing community
replace	Replace existing community
none	Do not change community

**Command Mode:** route-profile : Configure route-profile

**Command Path:**

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# vrf context <WORD>
(config-tenant-vrf)# route-profile <WORD>
(config-tenant-vrf-route-profile)# set community regular|extended <value>
additive|replace|none
```

**set community regular|extended <value> additive|replace|none**

**Description:** Set BGP community attribute

**Syntax:**

regular	BGP regular community
extended	BGP extended community
<i>value</i>	Community value in aa:nn format
additive	Add to existing community
replace	Replace existing community
none	Do not change community

**Command Mode:** template route-profile : Configure route-profile template under tenant for BGP dampening and route redistribution

**Command Path:**

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# template route-profile <WORD> tenant <WORD>
(config-leaf-template-route-profile)# set community regular|extended <value>
additive|replace|none
```

### set community regular|extended <value> additive|replace|none

**Description:** Set BGP community attribute

#### Syntax:

regular	BGP regular community
extended	BGP extended community
<i>value</i>	Community value in aa:nn format
additive	Add to existing community
replace	Replace existing community
none	Do not change community

**Command Mode:** template route-profile : Configure route-profile template under VRF/L3Out for bridge-domain export

#### Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# vrf context tenant <WORD> vrf <WORD> [l3out <l3out>]
(config-leaf-vrf)# template route-profile <WORD> <WORD> <NUMBER>
(config-leaf-vrf-template-route-profile)# set community regular|extended <value>
additive|replace|none
```

### set community regular|extended <value> additive|replace|none

**Description:** Set BGP community attribute

#### Syntax:

regular	BGP regular community
extended	BGP extended community
<i>value</i>	Community value in aa:nn format
additive	Add to existing community
replace	Replace existing community
none	Do not change community

**Command Mode:** match bridge-domain : Match subnets of a bridge-domain

**Command Path:**

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# vrf context tenant <WORD> vrf <WORD> [l3out <l3out>]
(config-leaf-vrf)# route-map <WORD>
(config-leaf-vrf-route-map)# match bridge-domain <> [tenant <tenant>]
(config-leaf-vrf-route-map-match)# set community regular|extended <value>
additive|replace|none
```

**set community regular|extended <value> additive|replace|none****Description:** Set BGP community attribute**Syntax:**

regular	BGP regular community
extended	BGP extended community
<i>value</i>	Community value in aa:nn format
additive	Add to existing community
replace	Replace existing community
none	Do not change community

**Command Mode:** match prefix-list : Match entries of a prefix-list**Command Path:**

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# vrf context tenant <WORD> vrf <WORD> [l3out <l3out>]
(config-leaf-vrf)# route-map <WORD>
(config-leaf-vrf-route-map)# match prefix-list <WORD> [deny]
(config-leaf-vrf-route-map-match)# set community regular|extended <value>
additive|replace|none
```

**set community regular|extended <value> additive|replace|none****Description:** Set BGP community attribute**Syntax:**

regular	BGP regular community
extended	BGP extended community
<i>value</i>	Community value in aa:nn format
additive	Add to existing community
replace	Replace existing community

none	Do not change community
------	-------------------------

**Command Mode:** match route group : Route group

**Command Path:**

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# vrf context tenant <WORD> vrf <WORD> [l3out <l3out>]
(config-leaf-vrf)# route-map <WORD>
(config-leaf-vrf-route-map)# match route group <> [order <order>] [deny]
(config-leaf-vrf-route-map-match)# set community regular|extended <value>
additive|replace|none
```

**set community regular|extended <value> additive|replace|none**

**Description:** Set BGP community attribute

**Syntax:**

regular	BGP regular community
extended	BGP extended community
<i>value</i>	Community value in aa:nn format
additive	Add to existing community
replace	Replace existing community
none	Do not change community

**Command Mode:** template route-profile : Configure route-profile template under tenant for BGP dampening and route redistribution

**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# template route-profile <WORD> tenant <WORD>
(config-leaf-template-route-profile)# set community regular|extended <value>
additive|replace|none
```

**set community regular|extended <value> additive|replace|none**

**Description:** Set BGP community attribute

**Syntax:**

regular	BGP regular community
extended	BGP extended community
<i>value</i>	Community value in aa:nn format
additive	Add to existing community

replace	Replace existing community
none	Do not change community

**Command Mode:** template route-profile : Configure route-profile template under VRF/L3Out for bridge-domain export

**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# vrf context tenant <WORD> vrf <WORD> [l3out <l3out>]
(config-leaf-vrf)# template route-profile <WORD> <WORD> <NUMBER>
(config-leaf-vrf-template-route-profile)# set community regular|extended <value>
additive|replace|none
```

**set community regular|extended <value> additive|replace|none**

**Description:** Set BGP community attribute

**Syntax:**

regular	BGP regular community
extended	BGP extended community
<i>value</i>	Community value in aa.nn format
additive	Add to existing community
replace	Replace existing community
none	Do not change community

**Command Mode:** match bridge-domain : Match subnets of a bridge-domain

**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# vrf context tenant <WORD> vrf <WORD> [l3out <l3out>]
(config-leaf-vrf)# route-map <WORD>
(config-leaf-vrf-route-map)# match bridge-domain <> [tenant <tenant>]
(config-leaf-vrf-route-map-match)# set community regular|extended <value>
additive|replace|none
```

**set community regular|extended <value> additive|replace|none**

**Description:** Set BGP community attribute

**Syntax:**

regular	BGP regular community
extended	BGP extended community



<i>value</i>	Community value in aa:nn format
additive	Add to existing community
replace	Replace existing community
none	Do not change community

**Command Mode:** match prefix-list : Match entries of a prefix-list

**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# vrf context tenant <WORD> vrf <WORD> [l3out <l3out>]
(config-leaf-vrf)# route-map <WORD>
(config-leaf-vrf-route-map)# match prefix-list <WORD> [deny]
(config-leaf-vrf-route-map-match)# set community regular|extended <value>
additive|replace|none
```

**set community regular|extended <value> additive|replace|none**

**Description:** Set BGP community attribute

**Syntax:**

regular	BGP regular community
extended	BGP extended community
<i>value</i>	Community value in aa:nn format
additive	Add to existing community
replace	Replace existing community
none	Do not change community

**Command Mode:** match route group : Route group

**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# vrf context tenant <WORD> vrf <WORD> [l3out <l3out>]
(config-leaf-vrf)# route-map <WORD>
(config-leaf-vrf-route-map)# match route group <> [order <order>] [deny]
(config-leaf-vrf-route-map-match)# set community regular|extended <value>
additive|replace|none
```

# set conform-cos-transmit

**set conform-cos-transmit <0-6>**

**Description:** Conform Policer Mark Cos

**Syntax:**

<0-6>	Conform Policer Mark Cos
-------	--------------------------

**Command Mode:** policy-map type data-plane : Create a policymap of DataPlane type to police/reclassify the traffic

**Command Path:**

```
# configure [['terminal', 't']]
(config)# policy-map type data-plane <WORD>
(config-pmap-dpp)# set conform-cos-transmit <0-6>
```

**set conform-cos-transmit <0-6>**

**Description:** Conform Policer Mark Cos

**Syntax:**

<0-6>	Conform Policer Mark Cos
-------	--------------------------

**Command Mode:** policy-map type data-plane : data-plane policy type

**Command Path:**

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# policy-map type data-plane <WORD>
(config-tenant-pmap-dpp)# set conform-cos-transmit <0-6>
```

# set conform-dscp-transmit

**set conform-dscp-transmit <0-63>**

**Description:** Conform Policer Mark DSCP

**Syntax:**

<0-63>	Conform Policer Mark DSCP
--------	---------------------------

**Command Mode:** policy-map type data-plane : Create a policymap of DataPlane type to police/reclassify the traffic

**Command Path:**

```
# configure [['terminal', 't']]
(config)# policy-map type data-plane <WORD>
(config-pmap-dpp)# set conform-dscp-transmit <0-63>
```

**set conform-dscp-transmit <0-63>**

**Description:** Conform Policer Mark DSCP

**Syntax:**

<0-63>	Conform Policer Mark DSCP
--------	---------------------------

**Command Mode:** policy-map type data-plane : data-plane policy type

**Command Path:**

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# policy-map type data-plane <WORD>
(config-tenant-pmap-dpp)# set conform-dscp-transmit <0-63>
```

# set conform

## set conform <WORD>

**Description:** Conform Policer Action

**Syntax:**

<i>WORD</i>	Conform Policer Action
-------------	------------------------

**Command Mode:** policy-map type data-plane : Create a policymap of DataPlane type to police/reclassify the traffic

**Command Path:**

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

## set conform <WORD>

**Description:** Conform Policer Action

**Syntax:**

<i>WORD</i>	Conform Policer Action
-------------	------------------------

**Command Mode:** policy-map type data-plane : data-plane policy type

**Command Path:**

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

# set dampening

**set dampening** <NUMBER> <NUMBER> <NUMBER> <NUMBER>

**Description:** Route Flap dampening

**Syntax:**

<1-60>	Decay half life. Number range from=1 to=60
<1-20000>	Value to start reusing a route. Number range from=1 to=20000
<1-20000>	Value to start suppressing a route. Number range from=1 to=20000
<1-255>	Maximum suppress time for stable route. Number range from=1 to=255

**Command Mode:** template route-profile : Configure route-profile template under tenant for BGP dampening and route redistribution

**Command Path:**

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# template route-profile <WORD> tenant <WORD>
(config-leaf-template-route-profile)# set dampening <NUMBER> <NUMBER> <NUMBER> <NUMBER>
```

**set dampening** <NUMBER> <NUMBER> <NUMBER> <NUMBER>

**Description:** Route Flap dampening

**Syntax:**

<1-60>	Decay half life. Number range from=1 to=60
<1-20000>	Value to start reusing a route. Number range from=1 to=20000
<1-20000>	Value to start suppressing a route. Number range from=1 to=20000
<1-255>	Maximum suppress time for stable route. Number range from=1 to=255

**Command Mode:** template route-profile : Configure route-profile template under VRF/L3Out for bridge-domain export

**Command Path:**

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# vrf context tenant <WORD> vrf <WORD> [l3out <l3out>]
(config-leaf-vrf)# template route-profile <WORD> <WORD> <NUMBER>
(config-leaf-vrf-template-route-profile)# set dampening <NUMBER> <NUMBER> <NUMBER> <NUMBER>
```

**set dampening <NUMBER> <NUMBER> <NUMBER> <NUMBER>****Description:** Route Flap dampening**Syntax:**

<1-60>	Decay half life. Number range from=1 to=60
<1-20000>	Value to start reusing a route. Number range from=1 to=20000
<1-20000>	Value to start suppressing a route. Number range from=1 to=20000
<1-255>	Maximum suppress time for stable route. Number range from=1 to=255

**Command Mode:** match bridge-domain : Match subnets of a bridge-domain**Command Path:**

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# vrf context tenant <WORD> vrf <WORD> [l3out <l3out>]
(config-leaf-vrf)# route-map <WORD>
(config-leaf-vrf-route-map)# match bridge-domain <> [tenant <tenant>]
(config-leaf-vrf-route-map-match)# set dampening <NUMBER> <NUMBER> <NUMBER> <NUMBER>
```

**set dampening <NUMBER> <NUMBER> <NUMBER> <NUMBER>****Description:** Route Flap dampening**Syntax:**

<1-60>	Decay half life. Number range from=1 to=60
<1-20000>	Value to start reusing a route. Number range from=1 to=20000
<1-20000>	Value to start suppressing a route. Number range from=1 to=20000
<1-255>	Maximum suppress time for stable route. Number range from=1 to=255

**Command Mode:** match prefix-list : Match entries of a prefix-list**Command Path:**

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# vrf context tenant <WORD> vrf <WORD> [l3out <l3out>]
(config-leaf-vrf)# route-map <WORD>
(config-leaf-vrf-route-map)# match prefix-list <WORD> [deny]
(config-leaf-vrf-route-map-match)# set dampening <NUMBER> <NUMBER> <NUMBER> <NUMBER>
```

**set dampening <NUMBER> <NUMBER> <NUMBER> <NUMBER>****Description:** Route Flap dampening**Syntax:**

<1-60>	Decay half life. Number range from=1 to=60
--------	--

<1-20000>	Value to start reusing a route. Number range from=1 to=20000
<1-20000>	Value to start suppressing a route. Number range from=1 to=20000
<1-255>	Maximum suppress time for stable route. Number range from=1 to=255

**Command Mode:** match route group : Route group

**Command Path:**

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# vrf context tenant <WORD> vrf <WORD> [l3out <l3out>]
(config-leaf-vrf)# route-map <WORD>
(config-leaf-vrf-route-map)# match route group <> [order <order>] [deny]
(config-leaf-vrf-route-map-match)# set dampening <NUMBER> <NUMBER> <NUMBER> <NUMBER>
```

**set dampening <NUMBER> <NUMBER> <NUMBER> <NUMBER>**

**Description:** Route Flap dampening

**Syntax:**

<1-60>	Decay half life. Number range from=1 to=60
<1-20000>	Value to start reusing a route. Number range from=1 to=20000
<1-20000>	Value to start suppressing a route. Number range from=1 to=20000
<1-255>	Maximum suppress time for stable route. Number range from=1 to=255

**Command Mode:** template route-profile : Configure route-profile template under tenant for BGP dampening and route redistribution

**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# template route-profile <WORD> tenant <WORD>
(config-leaf-template-route-profile)# set dampening <NUMBER> <NUMBER> <NUMBER> <NUMBER>
```

**set dampening <NUMBER> <NUMBER> <NUMBER> <NUMBER>**

**Description:** Route Flap dampening

**Syntax:**

<1-60>	Decay half life. Number range from=1 to=60
<1-20000>	Value to start reusing a route. Number range from=1 to=20000
<1-20000>	Value to start suppressing a route. Number range from=1 to=20000
<1-255>	Maximum suppress time for stable route. Number range from=1 to=255

**Command Mode:** template route-profile : Configure route-profile template under VRF/L3Out for bridge-domain export

**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# vrf context tenant <WORD> vrf <WORD> [l3out <l3out>]
(config-leaf-vrf)# template route-profile <WORD> <WORD> <NUMBER>
(config-leaf-vrf-template-route-profile)# set dampening <NUMBER> <NUMBER> <NUMBER> <NUMBER>
```

**set dampening <NUMBER> <NUMBER> <NUMBER> <NUMBER>**

**Description:** Route Flap dampening

**Syntax:**

<1-60>	Decay half life. Number range from=1 to=60
<1-20000>	Value to start reusing a route. Number range from=1 to=20000
<1-20000>	Value to start suppressing a route. Number range from=1 to=20000
<1-255>	Maximum suppress time for stable route. Number range from=1 to=255

**Command Mode:** match bridge-domain : Match subnets of a bridge-domain

**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# vrf context tenant <WORD> vrf <WORD> [l3out <l3out>]
(config-leaf-vrf)# route-map <WORD>
(config-leaf-vrf-route-map)# match bridge-domain <> [tenant <tenant>]
(config-leaf-vrf-route-map-match)# set dampening <NUMBER> <NUMBER> <NUMBER> <NUMBER>
```

**set dampening <NUMBER> <NUMBER> <NUMBER> <NUMBER>**

**Description:** Route Flap dampening

**Syntax:**

<1-60>	Decay half life. Number range from=1 to=60
<1-20000>	Value to start reusing a route. Number range from=1 to=20000
<1-20000>	Value to start suppressing a route. Number range from=1 to=20000
<1-255>	Maximum suppress time for stable route. Number range from=1 to=255

**Command Mode:** match prefix-list : Match entries of a prefix-list

**Command Path:**

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



```
(config)# spine <101-4000>
(config-spine)# vrf context tenant <WORD> vrf <WORD> [l3out <l3out>]
(config-leaf-vrf)# route-map <WORD>
(config-leaf-vrf-route-map)# match prefix-list <WORD> [deny]
(config-leaf-vrf-route-map-match)# set dampening <NUMBER> <NUMBER> <NUMBER> <NUMBER>
```

### set dampening <NUMBER> <NUMBER> <NUMBER> <NUMBER>

**Description:** Route Flap dampening

#### Syntax:

<1-60>	Decay half life. Number range from=1 to=60
<1-20000>	Value to start reusing a route. Number range from=1 to=20000
<1-20000>	Value to start suppressing a route. Number range from=1 to=20000
<1-255>	Maximum suppress time for stable route. Number range from=1 to=255

**Command Mode:** match route group : Route group

#### Command Path:

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# vrf context tenant <WORD> vrf <WORD> [l3out <l3out>]
(config-leaf-vrf)# route-map <WORD>
(config-leaf-vrf-route-map)# match route group <> [order <order>] [deny]
(config-leaf-vrf-route-map-match)# set dampening <NUMBER> <NUMBER> <NUMBER> <NUMBER>
```

# set dscp-code

**set dscp-code** <dscp-prop> <dscp-val>

**Description:** Set DSCP Class translation values

**Syntax:**

<i>dscp-prop</i>	DSCP Class Name
<i>dscp-val</i>	Dscp val

**Command Mode:** qos : Set DSCP Class translation values

**Command Path:**

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# qos dscp-map <WORD>
(config-qos-cmap)# set dscp-code <dscp-prop> <dscp-val>
```

# set dscp

**set dscp** <WORD>

**Description:** Specify the DSCP level for the EPG

**Syntax:**

<i>WORD</i>	DSCP value
-------------	------------

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

**Command Path:**

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

# set exceed-cos-transmit

## set exceed-cos-transmit <0-6>

**Description:** Exceed Policer Mark Cos

**Syntax:**

<0-6>	Exceed Policer Mark Cos
-------	-------------------------

**Command Mode:** policy-map type data-plane : Create a policymap of DataPlane type to police/reclassify the traffic

**Command Path:**

```
# configure [['terminal', 't']]
(config)# policy-map type data-plane <WORD>
(config-pmap-dpp)# set exceed-cos-transmit <0-6>
```

## set exceed-cos-transmit <0-6>

**Description:** Exceed Policer Mark Cos

**Syntax:**

<0-6>	Exceed Policer Mark Cos
-------	-------------------------

**Command Mode:** policy-map type data-plane : data-plane policy type

**Command Path:**

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# policy-map type data-plane <WORD>
(config-tenant-pmap-dpp)# set exceed-cos-transmit <0-6>
```

# set exceed-dscp-transmit

**set exceed-dscp-transmit <0-63>**

**Description:** Exceed Policer Mark DSCP

**Syntax:**

<0-63>	Exceed Policer Mark DSCP
--------	--------------------------

**Command Mode:** policy-map type data-plane : Create a policymap of DataPlane type to police/reclassify the traffic

**Command Path:**

```
# configure [['terminal', 't']]
(config)# policy-map type data-plane <WORD>
(config-pmap-dpp)# set exceed-dscp-transmit <0-63>
```

**set exceed-dscp-transmit <0-63>**

**Description:** Exceed Policer Mark DSCP

**Syntax:**

<0-63>	Exceed Policer Mark DSCP
--------	--------------------------

**Command Mode:** policy-map type data-plane : data-plane policy type

**Command Path:**

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# policy-map type data-plane <WORD>
(config-tenant-pmap-dpp)# set exceed-dscp-transmit <0-63>
```

# set exceed

**set exceed <WORD>**

**Description:** Exceed Policer Action

**Syntax:**

<i>WORD</i>	Exceed Policer Action
-------------	-----------------------

**Command Mode:** policy-map type data-plane : Create a policymap of DataPlane type to police/reclassify the traffic

**Command Path:**

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

**set exceed <WORD>**

**Description:** Exceed Policer Action

**Syntax:**

<i>WORD</i>	Exceed Policer Action
-------------	-----------------------

**Command Mode:** policy-map type data-plane : data-plane policy type

**Command Path:**

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

## set excessive-burst

**set excessive-burst <0-549755813760> UNIT**

**Description:** Excessive Burst Rate

**Syntax:**

<0-549755813760>	Excessive Burst Rate
UNIT	Excessive Burst Rate Unit

**Command Mode:** policy-map type data-plane : Create a policymap of DataPlane type to police/reclassify the traffic

**Command Path:**

```
# configure [['terminal', 't']]
(config)# policy-map type data-plane <WORD>
(config-pmap-dpp)# set excessive-burst <0-549755813760> UNIT
```

**set excessive-burst <0-549755813760> UNIT**

**Description:** Excessive Burst Rate

**Syntax:**

<0-549755813760>	Excessive Burst Rate
UNIT	Excessive Burst Rate Unit

**Command Mode:** policy-map type data-plane : data-plane policy type

**Command Path:**

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# policy-map type data-plane <WORD>
(config-tenant-pmap-dpp)# set excessive-burst <0-549755813760> UNIT
```

# set local-preference

## set local-preference <0-4294967295>

**Description:** BGP local preference path attribute

**Syntax:**

<0-4294967295>	Preference value
----------------	------------------

**Command Mode:** route-profile : Configure route-profile

**Command Path:**

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# vrf context <WORD>
(config-tenant-vrf)# route-profile <WORD>
(config-tenant-vrf-route-profile)# set local-preference <0-4294967295>
```

## set local-preference <0-4294967295>

**Description:** BGP local preference path attribute

**Syntax:**

<0-4294967295>	Preference value
----------------	------------------

**Command Mode:** template route-profile : Configure route-profile template under tenant for BGP dampening and route redistribution

**Command Path:**

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# template route-profile <WORD> tenant <WORD>
(config-leaf-template-route-profile)# set local-preference <0-4294967295>
```

## set local-preference <0-4294967295>

**Description:** BGP local preference path attribute

**Syntax:**

<0-4294967295>	Preference value
----------------	------------------

**Command Mode:** template route-profile : Configure route-profile template under VRF/L3Out for bridge-domain export

**Command Path:**

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
```



```
(config-leaf)# vrf context tenant <WORD> vrf <WORD> [l3out <l3out>]
(config-leaf-vrf)# template route-profile <WORD> <WORD> <NUMBER>
(config-leaf-vrf-template-route-profile)# set local-preference <0-4294967295>
```

**set local-preference <0-4294967295>****Description:** BGP local preference path attribute**Syntax:**

<0-4294967295>	Preference value
----------------	------------------

**Command Mode:** match bridge-domain : Match subnets of a bridge-domain**Command Path:**

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# vrf context tenant <WORD> vrf <WORD> [l3out <l3out>]
(config-leaf-vrf)# route-map <WORD>
(config-leaf-vrf-route-map)# match bridge-domain <> [tenant <tenant>]
(config-leaf-vrf-route-map-match)# set local-preference <0-4294967295>
```

**set local-preference <0-4294967295>****Description:** BGP local preference path attribute**Syntax:**

<0-4294967295>	Preference value
----------------	------------------

**Command Mode:** match prefix-list : Match entries of a prefix-list**Command Path:**

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# vrf context tenant <WORD> vrf <WORD> [l3out <l3out>]
(config-leaf-vrf)# route-map <WORD>
(config-leaf-vrf-route-map)# match prefix-list <WORD> [deny]
(config-leaf-vrf-route-map-match)# set local-preference <0-4294967295>
```

**set local-preference <0-4294967295>****Description:** BGP local preference path attribute**Syntax:**

<0-4294967295>	Preference value
----------------	------------------

**Command Mode:** match route group : Route group**Command Path:**

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
```

```
(config-leaf)# vrf context tenant <WORD> vrf <WORD> [l3out <l3out>]
(config-leaf-vrf)# route-map <WORD>
(config-leaf-vrf-route-map)# match route group <> [order <order>] [deny]
(config-leaf-vrf-route-map-match)# set local-preference <0-4294967295>
```

**set local-preference <0-4294967295>****Description:** BGP local preference path attribute**Syntax:**

<0-4294967295>	Preference value
----------------	------------------

**Command Mode:** template route-profile : Configure route-profile template under tenant for BGP dampening and route redistribution**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# template route-profile <WORD> tenant <WORD>
(config-leaf-template-route-profile)# set local-preference <0-4294967295>
```

**set local-preference <0-4294967295>****Description:** BGP local preference path attribute**Syntax:**

<0-4294967295>	Preference value
----------------	------------------

**Command Mode:** template route-profile : Configure route-profile template under VRF/L3Out for bridge-domain export**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# vrf context tenant <WORD> vrf <WORD> [l3out <l3out>]
(config-leaf-vrf)# template route-profile <WORD> <WORD> <NUMBER>
(config-leaf-vrf-template-route-profile)# set local-preference <0-4294967295>
```

**set local-preference <0-4294967295>****Description:** BGP local preference path attribute**Syntax:**

<0-4294967295>	Preference value
----------------	------------------

**Command Mode:** match bridge-domain : Match subnets of a bridge-domain**Command Path:**

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

```
(config)# spine <101-4000>
(config-spine)# vrf context tenant <WORD> vrf <WORD> [l3out <l3out>]
(config-leaf-vrf)# route-map <WORD>
(config-leaf-vrf-route-map)# match bridge-domain <> [tenant <tenant>]
(config-leaf-vrf-route-map-match)# set local-preference <0-4294967295>
```

### set local-preference <0-4294967295>

**Description:** BGP local preference path attribute

**Syntax:**

<0-4294967295>	Preference value
----------------	------------------

**Command Mode:** match prefix-list : Match entries of a prefix-list

**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# vrf context tenant <WORD> vrf <WORD> [l3out <l3out>]
(config-leaf-vrf)# route-map <WORD>
(config-leaf-vrf-route-map)# match prefix-list <WORD> [deny]
(config-leaf-vrf-route-map-match)# set local-preference <0-4294967295>
```

### set local-preference <0-4294967295>

**Description:** BGP local preference path attribute

**Syntax:**

<0-4294967295>	Preference value
----------------	------------------

**Command Mode:** match route group : Route group

**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# vrf context tenant <WORD> vrf <WORD> [l3out <l3out>]
(config-leaf-vrf)# route-map <WORD>
(config-leaf-vrf-route-map)# match route group <> [order <order>] [deny]
(config-leaf-vrf-route-map-match)# set local-preference <0-4294967295>
```

# set mac-auth

**set mac-auth** <WORD>

**Description:** Set MAC Auth

**Syntax:**

<i>WORD</i>	MAC Auth Mode
-------------	---------------

**Command Mode:** switchport port-authentication : Port authentication configuration

**Command Path:**

```
# configure [['terminal', 't']]
(config)# template policy-group <WORD>
(config-pol-grp-if)# switchport port-authentication <WORD>
(config-port-authentication)# set mac-auth <WORD>
```

# set max-reauth-request

**set max-reauth-request <1-10>**

**Description:** Set max reauth request

**Syntax:**

<1-10>	Max reauth request
--------	--------------------

**Command Mode:** switchport port-authentication : Port authentication configuration

**Command Path:**

```
# configure [['terminal', 't']]
(config)# template policy-group <WORD>
(config-pol-grp-if)# switchport port-authentication <WORD>
(config-port-authentication)# set max-reauth-request <1-10>
```

# set max-request

**set max-request <2-10>**

**Description:** Set max request

**Syntax:**

<2-10>	Max request
--------	-------------

**Command Mode:** switchport port-authentication : Port authentication configuration

**Command Path:**

```
# configure [['terminal', 't']]
(config)# template policy-group <WORD>
(config-pol-grp-if)# switchport port-authentication <WORD>
(config-port-authentication)# set max-request <2-10>
```

# set metric-type

## set metric-type <metric-type>

**Description:** Type of metric for destination routing protocol

**Syntax:**

<metric-type>	<metric-type>
---------------	---------------

**Command Mode:** route-profile : Configure route-profile

**Command Path:**

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# vrf context <WORD>
(config-tenant-vrf)# route-profile <WORD>
(config-tenant-vrf-route-profile)# set metric-type <metric-type>
```

## set metric-type <metric-type>

**Description:** Type of metric for destination routing protocol

**Syntax:**

<metric-type>	<metric-type>
---------------	---------------

**Command Mode:** template route-profile : Configure route-profile template under tenant for BGP dampening and route redistribution

**Command Path:**

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# template route-profile <WORD> tenant <WORD>
(config-leaf-template-route-profile)# set metric-type <metric-type>
```

## set metric-type <metric-type>

**Description:** Type of metric for destination routing protocol

**Syntax:**

<metric-type>	<metric-type>
---------------	---------------

**Command Mode:** template route-profile : Configure route-profile template under VRF/L3Out for bridge-domain export

**Command Path:**

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
```

```
(config-leaf)# vrf context tenant <WORD> vrf <WORD> [l3out <l3out>]
(config-leaf-vrf)# template route-profile <WORD> <WORD> <NUMBER>
(config-leaf-vrf-template-route-profile)# set metric-type <metric-type>
```

**set metric-type <metric-type>****Description:** Type of metric for destination routing protocol**Syntax:**

<metric-type>	<metric-type>
---------------	---------------

**Command Mode:** match bridge-domain : Match subnets of a bridge-domain**Command Path:**

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# vrf context tenant <WORD> vrf <WORD> [l3out <l3out>]
(config-leaf-vrf)# route-map <WORD>
(config-leaf-vrf-route-map)# match bridge-domain <> [tenant <tenant>]
(config-leaf-vrf-route-map-match)# set metric-type <metric-type>
```

**set metric-type <metric-type>****Description:** Type of metric for destination routing protocol**Syntax:**

<metric-type>	<metric-type>
---------------	---------------

**Command Mode:** match prefix-list : Match entries of a prefix-list**Command Path:**

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# vrf context tenant <WORD> vrf <WORD> [l3out <l3out>]
(config-leaf-vrf)# route-map <WORD>
(config-leaf-vrf-route-map)# match prefix-list <WORD> [deny]
(config-leaf-vrf-route-map-match)# set metric-type <metric-type>
```

**set metric-type <metric-type>****Description:** Type of metric for destination routing protocol**Syntax:**

<metric-type>	<metric-type>
---------------	---------------

**Command Mode:** match route group : Route group**Command Path:**

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
```



```
(config-leaf)# vrf context tenant <WORD> vrf <WORD> [l3out <l3out>]
(config-leaf-vrf)# route-map <WORD>
(config-leaf-vrf-route-map)# match route group <> [order <order>] [deny]
(config-leaf-vrf-route-map-match)# set metric-type <metric-type>
```

**set metric-type <metric-type>****Description:** Type of metric for destination routing protocol**Syntax:**

<i>&lt;metric-type&gt;</i>	<metric-type>
----------------------------	---------------

**Command Mode:** template route-profile : Configure route-profile template under tenant for BGP dampening and route redistribution**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# template route-profile <WORD> tenant <WORD>
(config-leaf-template-route-profile)# set metric-type <metric-type>
```

**set metric-type <metric-type>****Description:** Type of metric for destination routing protocol**Syntax:**

<i>&lt;metric-type&gt;</i>	<metric-type>
----------------------------	---------------

**Command Mode:** template route-profile : Configure route-profile template under VRF/L3Out for bridge-domain export**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# vrf context tenant <WORD> vrf <WORD> [l3out <l3out>]
(config-leaf-vrf)# template route-profile <WORD> <WORD> <NUMBER>
(config-leaf-vrf-template-route-profile)# set metric-type <metric-type>
```

**set metric-type <metric-type>****Description:** Type of metric for destination routing protocol**Syntax:**

<i>&lt;metric-type&gt;</i>	<metric-type>
----------------------------	---------------

**Command Mode:** match bridge-domain : Match subnets of a bridge-domain**Command Path:**

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

```
(config)# spine <101-4000>
(config-spine)# vrf context tenant <WORD> vrf <WORD> [l3out <l3out>]
(config-leaf-vrf)# route-map <WORD>
(config-leaf-vrf-route-map)# match bridge-domain <> [tenant <tenant>]
(config-leaf-vrf-route-map-match)# set metric-type <metric-type>
```

**set metric-type <metric-type>****Description:** Type of metric for destination routing protocol**Syntax:**

<metric-type>	<metric-type>
---------------	---------------

**Command Mode:** match prefix-list : Match entries of a prefix-list**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# vrf context tenant <WORD> vrf <WORD> [l3out <l3out>]
(config-leaf-vrf)# route-map <WORD>
(config-leaf-vrf-route-map)# match prefix-list <WORD> [deny]
(config-leaf-vrf-route-map-match)# set metric-type <metric-type>
```

**set metric-type <metric-type>****Description:** Type of metric for destination routing protocol**Syntax:**

<metric-type>	<metric-type>
---------------	---------------

**Command Mode:** match route group : Route group**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# vrf context tenant <WORD> vrf <WORD> [l3out <l3out>]
(config-leaf-vrf)# route-map <WORD>
(config-leaf-vrf-route-map)# match route group <> [order <order>] [deny]
(config-leaf-vrf-route-map-match)# set metric-type <metric-type>
```

# set metric

## set metric <NUMBER>

**Description:** Set metric for destination routing protocol

**Syntax:**

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

**Command Mode:** route-profile : Configure route-profile

**Command Path:**

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# vrf context <WORD>
(config-tenant-vrf)# route-profile <WORD>
(config-tenant-vrf-route-profile)# set metric <NUMBER>
```

## set metric <NUMBER>

**Description:** Set metric for destination routing protocol

**Syntax:**

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

**Command Mode:** template route-profile : Configure route-profile template under tenant for BGP dampening and route redistribution

**Command Path:**

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# template route-profile <WORD> tenant <WORD>
(config-leaf-template-route-profile)# set metric <NUMBER>
```

## set metric <NUMBER>

**Description:** Set metric for destination routing protocol

**Syntax:**

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

**Command Mode:** template route-profile : Configure route-profile template under VRF/L3Out for bridge-domain export

**Command Path:**

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
```

```
(config-leaf)# vrf context tenant <WORD> vrf <WORD> [l3out <l3out>]
(config-leaf-vrf)# template route-profile <WORD> <WORD> <NUMBER>
(config-leaf-vrf-template-route-profile)# set metric <NUMBER>
```

**set metric <NUMBER>****Description:** Set metric for destination routing protocol**Syntax:**

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

**Command Mode:** match bridge-domain : Match subnets of a bridge-domain**Command Path:**

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# vrf context tenant <WORD> vrf <WORD> [l3out <l3out>]
(config-leaf-vrf)# route-map <WORD>
(config-leaf-vrf-route-map)# match bridge-domain <> [tenant <tenant>]
(config-leaf-vrf-route-map-match)# set metric <NUMBER>
```

**set metric <NUMBER>****Description:** Set metric for destination routing protocol**Syntax:**

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

**Command Mode:** match prefix-list : Match entries of a prefix-list**Command Path:**

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# vrf context tenant <WORD> vrf <WORD> [l3out <l3out>]
(config-leaf-vrf)# route-map <WORD>
(config-leaf-vrf-route-map)# match prefix-list <WORD> [deny]
(config-leaf-vrf-route-map-match)# set metric <NUMBER>
```

**set metric <NUMBER>****Description:** Set metric for destination routing protocol**Syntax:**

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

**Command Mode:** match route group : Route group**Command Path:**

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
```

```
(config-leaf)# vrf context tenant <WORD> vrf <WORD> [l3out <l3out>]
(config-leaf-vrf)# route-map <WORD>
(config-leaf-vrf-route-map)# match route group <> [order <order>] [deny]
(config-leaf-vrf-route-map-match)# set metric <NUMBER>
```

**set metric <NUMBER>****Description:** Set metric for destination routing protocol**Syntax:**

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

**Command Mode:** template route-profile : Configure route-profile template under tenant for BGP dampening and route redistribution**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# template route-profile <WORD> tenant <WORD>
(config-leaf-template-route-profile)# set metric <NUMBER>
```

**set metric <NUMBER>****Description:** Set metric for destination routing protocol**Syntax:**

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

**Command Mode:** template route-profile : Configure route-profile template under VRF/L3Out for bridge-domain export**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# vrf context tenant <WORD> vrf <WORD> [l3out <l3out>]
(config-leaf-vrf)# template route-profile <WORD> <WORD> <NUMBER>
(config-leaf-vrf-template-route-profile)# set metric <NUMBER>
```

**set metric <NUMBER>****Description:** Set metric for destination routing protocol**Syntax:**

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

**Command Mode:** match bridge-domain : Match subnets of a bridge-domain**Command Path:**

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

```
(config)# spine <101-4000>
(config-spine)# vrf context tenant <WORD> vrf <WORD> [l3out <l3out>]
(config-leaf-vrf)# route-map <WORD>
(config-leaf-vrf-route-map)# match bridge-domain <> [tenant <tenant>]
(config-leaf-vrf-route-map-match)# set metric <NUMBER>
```

**set metric <NUMBER>****Description:** Set metric for destination routing protocol**Syntax:**

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

**Command Mode:** match prefix-list : Match entries of a prefix-list**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# vrf context tenant <WORD> vrf <WORD> [l3out <l3out>]
(config-leaf-vrf)# route-map <WORD>
(config-leaf-vrf-route-map)# match prefix-list <WORD> [deny]
(config-leaf-vrf-route-map-match)# set metric <NUMBER>
```

**set metric <NUMBER>****Description:** Set metric for destination routing protocol**Syntax:**

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

**Command Mode:** match route group : Route group**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# vrf context tenant <WORD> vrf <WORD> [l3out <l3out>]
(config-leaf-vrf)# route-map <WORD>
(config-leaf-vrf-route-map)# match route group <> [order <order>] [deny]
(config-leaf-vrf-route-map-match)# set metric <NUMBER>
```

# set mode

**set mode <WORD>**

**Description:** Policer Mode

**Syntax:**

<i>WORD</i>	Policer Mode
-------------	--------------

**Command Mode:** policy-map type data-plane : Create a policymap of DataPlane type to police/reclassify the traffic

**Command Path:**

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

**set mode <WORD>**

**Description:** Policer Mode

**Syntax:**

<i>WORD</i>	Policer Mode
-------------	--------------

**Command Mode:** policy-map type data-plane : data-plane policy type

**Command Path:**

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

# set next-hop

## set next-hop <IPv4 or IPv6 address>

**Description:** Set next hop for destination routing protocol

**Syntax:**

<i>IPv4 or IPv6 address</i>	Next hop address
-----------------------------	------------------

**Command Mode:** route-profile : Configure route-profile

**Command Path:**

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# vrf context <WORD>
(config-tenant-vrf)# route-profile <WORD>
(config-tenant-vrf-route-profile)# set next-hop <IPv4 or IPv6 address>
```

## set next-hop <IPv4 or IPv6 address>

**Description:** Set next hop address

**Syntax:**

<i>IPv4 or IPv6 address</i>	Next hop address
-----------------------------	------------------

**Command Mode:** template route-profile : Configure route-profile template under tenant for BGP dampening and route redistribution

**Command Path:**

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# template route-profile <WORD> tenant <WORD>
(config-leaf-template-route-profile)# set next-hop <IPv4 or IPv6 address>
```

## set next-hop <IPv4 or IPv6 address>

**Description:** Set next hop address

**Syntax:**

<i>IPv4 or IPv6 address</i>	Next hop address
-----------------------------	------------------

**Command Mode:** template route-profile : Configure route-profile template under VRF/L3Out for bridge-domain export

**Command Path:**

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
```



```
(config-leaf)# vrf context tenant <WORD> vrf <WORD> [l3out <l3out>]
(config-leaf-vrf)# template route-profile <WORD> <WORD> <NUMBER>
(config-leaf-vrf-template-route-profile)# set next-hop <IPv4 or IPv6 address>
```

**set next-hop <IPv4 or IPv6 address>****Description:** Set next hop address**Syntax:**

<i>IPv4 or IPv6 address</i>	Next hop address
-----------------------------	------------------

**Command Mode:** match bridge-domain : Match subnets of a bridge-domain**Command Path:**

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# vrf context tenant <WORD> vrf <WORD> [l3out <l3out>]
(config-leaf-vrf)# route-map <WORD>
(config-leaf-vrf-route-map)# match bridge-domain <> [tenant <tenant>]
(config-leaf-vrf-route-map-match)# set next-hop <IPv4 or IPv6 address>
```

**set next-hop <IPv4 or IPv6 address>****Description:** Set next hop address**Syntax:**

<i>IPv4 or IPv6 address</i>	Next hop address
-----------------------------	------------------

**Command Mode:** match prefix-list : Match entries of a prefix-list**Command Path:**

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# vrf context tenant <WORD> vrf <WORD> [l3out <l3out>]
(config-leaf-vrf)# route-map <WORD>
(config-leaf-vrf-route-map)# match prefix-list <WORD> [deny]
(config-leaf-vrf-route-map-match)# set next-hop <IPv4 or IPv6 address>
```

**set next-hop <IPv4 or IPv6 address>****Description:** Set next hop address**Syntax:**

<i>IPv4 or IPv6 address</i>	Next hop address
-----------------------------	------------------

**Command Mode:** match route group : Route group**Command Path:**

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
```

```
(config-leaf)# vrf context tenant <WORD> vrf <WORD> [l3out <l3out>]
(config-leaf-vrf)# route-map <WORD>
(config-leaf-vrf-route-map)# match route group <> [order <order>] [deny]
(config-leaf-vrf-route-map-match)# set next-hop <IPv4 or IPv6 address>
```

**set next-hop <IPv4 or IPv6 address>****Description:** Set next hop address**Syntax:**

<i>IPv4 or IPv6 address</i>	Next hop address
-----------------------------	------------------

**Command Mode:** template route-profile : Configure route-profile template under tenant for BGP dampening and route redistribution**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# template route-profile <WORD> tenant <WORD>
(config-leaf-template-route-profile)# set next-hop <IPv4 or IPv6 address>
```

**set next-hop <IPv4 or IPv6 address>****Description:** Set next hop address**Syntax:**

<i>IPv4 or IPv6 address</i>	Next hop address
-----------------------------	------------------

**Command Mode:** template route-profile : Configure route-profile template under VRF/L3Out for bridge-domain export**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# vrf context tenant <WORD> vrf <WORD> [l3out <l3out>]
(config-leaf-vrf)# template route-profile <WORD> <WORD> <NUMBER>
(config-leaf-vrf-template-route-profile)# set next-hop <IPv4 or IPv6 address>
```

**set next-hop <IPv4 or IPv6 address>****Description:** Set next hop address**Syntax:**

<i>IPv4 or IPv6 address</i>	Next hop address
-----------------------------	------------------

**Command Mode:** match bridge-domain : Match subnets of a bridge-domain**Command Path:**

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

```
(config)# spine <101-4000>
(config-spine)# vrf context tenant <WORD> vrf <WORD> [l3out <l3out>]
(config-leaf-vrf)# route-map <WORD>
(config-leaf-vrf-route-map)# match bridge-domain <> [tenant <tenant>]
(config-leaf-vrf-route-map-match)# set next-hop <IPv4 or IPv6 address>
```

### set next-hop <IPv4 or IPv6 address>

**Description:** Set next hop address

**Syntax:**

<i>IPv4 or IPv6 address</i>	Next hop address
-----------------------------	------------------

**Command Mode:** match prefix-list : Match entries of a prefix-list

**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# vrf context tenant <WORD> vrf <WORD> [l3out <l3out>]
(config-leaf-vrf)# route-map <WORD>
(config-leaf-vrf-route-map)# match prefix-list <WORD> [deny]
(config-leaf-vrf-route-map-match)# set next-hop <IPv4 or IPv6 address>
```

### set next-hop <IPv4 or IPv6 address>

**Description:** Set next hop address

**Syntax:**

<i>IPv4 or IPv6 address</i>	Next hop address
-----------------------------	------------------

**Command Mode:** match route group : Route group

**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# vrf context tenant <WORD> vrf <WORD> [l3out <l3out>]
(config-leaf-vrf)# route-map <WORD>
(config-leaf-vrf-route-map)# match route group <> [order <order>] [deny]
(config-leaf-vrf-route-map-match)# set next-hop <IPv4 or IPv6 address>
```

# set pir

**set pir <0-4398046510080> UNIT**

**Description:** Peak Rate

**Syntax:**

<0-4398046510080>	Peak Rate
UNIT	Pir Unit

**Command Mode:** policy-map type data-plane : Create a policymap of DataPlane type to police/reclassify the traffic

**Command Path:**

```
# configure [['terminal', 't']]
(config)# policy-map type data-plane <WORD>
(config-pmap-dpp)# set pir <0-4398046510080> UNIT
```

**set pir <0-4398046510080> UNIT**

**Description:** Peak Rate

**Syntax:**

<0-4398046510080>	Peak Rate
UNIT	Pir Unit

**Command Mode:** policy-map type data-plane : data-plane policy type

**Command Path:**

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# policy-map type data-plane <WORD>
(config-tenant-pmap-dpp)# set pir <0-4398046510080> UNIT
```

# set qos-class

## set qos-class <WORD>

**Description:** Class of QOS to specify

**Syntax:**

<i>WORD</i>	Qos Level
-------------	-----------

**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)# set qos-class <WORD>
```

## set qos-class <WORD> WORD

**Description:** Class of QOS to specify

**Syntax:**

<i>WORD</i>	Qos Level
<i>WORD</i>	Target QOS Direction

**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)# set qos-class <WORD> WORD
```

## set qos-class <WORD>

**Description:** Specify the QOS level for the EPG

**Syntax:**

<i>WORD</i>	Qos Level
-------------	-----------

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

**Command Path:**

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

```
(config-tenant-l3ext-epg)# set qos-class <WORD>
```

# set reauth-period

**set reauth-period <30-2147483>**

**Description:** Set reauth period

**Syntax:**

<30-2147483>	Max reauth request
--------------	--------------------

**Command Mode:** switchport port-authentication : Port authentication configuration

**Command Path:**

```
# configure [['terminal', 't']]
(config)# template policy-group <WORD>
(config-pol-grp-if)# switchport port-authentication <WORD>
(config-port-authentication)# set reauth-period <30-2147483>
```

# set reauth

**set reauth**

**Description:** Enable reauth request

**Command Mode:** switchport port-authentication : Port authentication configuration

**Command Path:**

```
# configure [['terminal', 't']]
(config)# template policy-group <WORD>
(config-pol-grp-if)# switchport port-authentication <WORD>
(config-port-authentication)# set reauth
```



# set server-timeout

**set server-timeout** <4-65535>

**Description:** Set server timeout

**Syntax:**

<4-65535>	Max reauth request
-----------	--------------------

**Command Mode:** switchport port-authentication : Port authentication configuration

**Command Path:**

```
# configure [['terminal', 't']]
(config)# template policy-group <WORD>
(config-pol-grp-if)# switchport port-authentication <WORD>
(config-port-authentication)# set server-timeout <4-65535>
```

# set sharing-mode

**set sharing-mode <WORD>**

**Description:** Policer Sharing Mode

**Syntax:**

<i>WORD</i>	Policer Mode
-------------	--------------

**Command Mode:** policy-map type data-plane : Create a policymap of DataPlane type to police/reclassify the traffic

**Command Path:**

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

**set sharing-mode <WORD>**

**Description:** Policer Sharing Mode

**Syntax:**

<i>WORD</i>	Policer Mode
-------------	--------------

**Command Mode:** policy-map type data-plane : data-plane policy type

**Command Path:**

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

## set supp-timeout

**set supp-timeout <4-65535>**

**Description:** Set supplicant timeout

**Syntax:**

<4-65535>	Max reauth request
-----------	--------------------

**Command Mode:** switchport port-authentication : Port authentication configuration

**Command Path:**

```
# configure [['terminal', 't']]
(config)# template policy-group <WORD>
(config-pol-grp-if)# switchport port-authentication <WORD>
(config-port-authentication)# set supp-timeout <4-65535>
```

# set tag

## set tag <NUMBER>

**Description:** Tag value for destination routing protocol

**Syntax:**

<0-4294967295>	Tag value. Number range from=0 to=4294967295
----------------	--

**Command Mode:** route-profile : Configure route-profile

**Command Path:**

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# vrf context <WORD>
(config-tenant-vrf)# route-profile <WORD>
(config-tenant-vrf-route-profile)# set tag <NUMBER>
```

## set tag <NUMBER>

**Description:** Tag value for destination routing protocol

**Syntax:**

<0-4294967295>	Tag value. Number range from=0 to=4294967295
----------------	--

**Command Mode:** template route-profile : Configure route-profile template under tenant for BGP dampening and route redistribution

**Command Path:**

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# template route-profile <WORD> tenant <WORD>
(config-leaf-template-route-profile)# set tag <NUMBER>
```

## set tag <NUMBER>

**Description:** Tag value for destination routing protocol

**Syntax:**

<0-4294967295>	Tag value. Number range from=0 to=4294967295
----------------	--

**Command Mode:** template route-profile : Configure route-profile template under VRF/L3Out for bridge-domain export

**Command Path:**

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
```

```
(config-leaf)# vrf context tenant <WORD> vrf <WORD> [l3out <l3out>]
(config-leaf-vrf)# template route-profile <WORD> <WORD> <NUMBER>
(config-leaf-vrf-template-route-profile)# set tag <NUMBER>
```

**set tag <NUMBER>****Description:** Tag value for destination routing protocol**Syntax:**

<0-4294967295>	Tag value. Number range from=0 to=4294967295
----------------	--

**Command Mode:** match bridge-domain : Match subnets of a bridge-domain**Command Path:**

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# vrf context tenant <WORD> vrf <WORD> [l3out <l3out>]
(config-leaf-vrf)# route-map <WORD>
(config-leaf-vrf-route-map)# match bridge-domain <> [tenant <tenant>]
(config-leaf-vrf-route-map-match)# set tag <NUMBER>
```

**set tag <NUMBER>****Description:** Tag value for destination routing protocol**Syntax:**

<0-4294967295>	Tag value. Number range from=0 to=4294967295
----------------	--

**Command Mode:** match prefix-list : Match entries of a prefix-list**Command Path:**

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# vrf context tenant <WORD> vrf <WORD> [l3out <l3out>]
(config-leaf-vrf)# route-map <WORD>
(config-leaf-vrf-route-map)# match prefix-list <WORD> [deny]
(config-leaf-vrf-route-map-match)# set tag <NUMBER>
```

**set tag <NUMBER>****Description:** Tag value for destination routing protocol**Syntax:**

<0-4294967295>	Tag value. Number range from=0 to=4294967295
----------------	--

**Command Mode:** match route group : Route group**Command Path:**

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
```

```
(config-leaf)# vrf context tenant <WORD> vrf <WORD> [l3out <l3out>]
(config-leaf-vrf)# route-map <WORD>
(config-leaf-vrf-route-map)# match route group <> [order <order>] [deny]
(config-leaf-vrf-route-map-match)# set tag <NUMBER>
```

**set tag <NUMBER>****Description:** Tag value for destination routing protocol**Syntax:**

<0-4294967295>	Tag value. Number range from=0 to=4294967295
----------------	--

**Command Mode:** template route-profile : Configure route-profile template under tenant for BGP dampening and route redistribution**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# template route-profile <WORD> tenant <WORD>
(config-leaf-template-route-profile)# set tag <NUMBER>
```

**set tag <NUMBER>****Description:** Tag value for destination routing protocol**Syntax:**

<0-4294967295>	Tag value. Number range from=0 to=4294967295
----------------	--

**Command Mode:** template route-profile : Configure route-profile template under VRF/L3Out for bridge-domain export**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# vrf context tenant <WORD> vrf <WORD> [l3out <l3out>]
(config-leaf-vrf)# template route-profile <WORD> <WORD> <NUMBER>
(config-leaf-vrf-template-route-profile)# set tag <NUMBER>
```

**set tag <NUMBER>****Description:** Tag value for destination routing protocol**Syntax:**

<0-4294967295>	Tag value. Number range from=0 to=4294967295
----------------	--

**Command Mode:** match bridge-domain : Match subnets of a bridge-domain**Command Path:**

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

```
(config)# spine <101-4000>
(config-spine)# vrf context tenant <WORD> vrf <WORD> [l3out <l3out>]
(config-leaf-vrf)# route-map <WORD>
(config-leaf-vrf-route-map)# match bridge-domain <> [tenant <tenant>]
(config-leaf-vrf-route-map-match)# set tag <NUMBER>
```

**set tag <NUMBER>****Description:** Tag value for destination routing protocol**Syntax:**

<0-4294967295>	Tag value. Number range from=0 to=4294967295
----------------	--

**Command Mode:** match prefix-list : Match entries of a prefix-list**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# vrf context tenant <WORD> vrf <WORD> [l3out <l3out>]
(config-leaf-vrf)# route-map <WORD>
(config-leaf-vrf-route-map)# match prefix-list <WORD> [deny]
(config-leaf-vrf-route-map-match)# set tag <NUMBER>
```

**set tag <NUMBER>****Description:** Tag value for destination routing protocol**Syntax:**

<0-4294967295>	Tag value. Number range from=0 to=4294967295
----------------	--

**Command Mode:** match route group : Route group**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# vrf context tenant <WORD> vrf <WORD> [l3out <l3out>]
(config-leaf-vrf)# route-map <WORD>
(config-leaf-vrf-route-map)# match route group <> [order <order>] [deny]
(config-leaf-vrf-route-map-match)# set tag <NUMBER>
```

## set target-dscp

### set target-dscp <WORD>

**Description:** class of target dscp to specify

**Syntax:**

<i>WORD</i>	Target dscp
-------------	-------------

**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)# set target-dscp <WORD>
```

### set target-dscp <WORD> WORD

**Description:** class of target dscp to specify

**Syntax:**

<i>WORD</i>	Target dscp
<i>WORD</i>	Target DSCP Direction

**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)# set target-dscp <WORD> WORD
```



# set tx-period

**set tx-period <4-65535>**

**Description:** Set Tx period

**Syntax:**

<4-65535>	Max reauth request
-----------	--------------------

**Command Mode:** switchport port-authentication : Port authentication configuration

**Command Path:**

```
# configure [['terminal', 't']]
(config)# template policy-group <WORD>
(config-pol-grp-if)# switchport port-authentication <WORD>
(config-port-authentication)# set tx-period <4-65535>
```

# set type

**set type <WORD>**

**Description:** Policer type

**Syntax:**

<i>WORD</i>	Policer Type
-------------	--------------

**Command Mode:** policy-map type data-plane : Create a policymap of DataPlane type to police/reclassify the traffic

**Command Path:**

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

**set type <WORD>**

**Description:** Policer type

**Syntax:**

<i>WORD</i>	Policer Type
-------------	--------------

**Command Mode:** policy-map type data-plane : data-plane policy type

**Command Path:**

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

# set violate-cos-transmit

## set violate-cos-transmit <0-6>

**Description:** Violate Policer Mark Cos

**Syntax:**

<0-6>	Violate Policer Mark Cos
-------	--------------------------

**Command Mode:** policy-map type data-plane : Create a policymap of DataPlane type to police/reclassify the traffic

**Command Path:**

```
# configure [['terminal', 't']]
(config)# policy-map type data-plane <WORD>
(config-pmap-dpp)# set violate-cos-transmit <0-6>
```

## set violate-cos-transmit <0-6>

**Description:** Violate Policer Mark Cos

**Syntax:**

<0-6>	Violate Policer Mark Cos
-------	--------------------------

**Command Mode:** policy-map type data-plane : data-plane policy type

**Command Path:**

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# policy-map type data-plane <WORD>
(config-tenant-pmap-dpp)# set violate-cos-transmit <0-6>
```

# set violate-dscp-transmit

**set violate-dscp-transmit <0-63>**

**Description:** Violate Policer Mark DSCP

**Syntax:**

<0-63>	Violate Policer Mark DSCP
--------	---------------------------

**Command Mode:** policy-map type data-plane : Create a policymap of DataPlane type to police/reclassify the traffic

**Command Path:**

```
# configure [['terminal', 't']]
(config)# policy-map type data-plane <WORD>
(config-pmap-dpp)# set violate-dscp-transmit <0-63>
```

**set violate-dscp-transmit <0-63>**

**Description:** Violate Policer Mark DSCP

**Syntax:**

<0-63>	Violate Policer Mark DSCP
--------	---------------------------

**Command Mode:** policy-map type data-plane : data-plane policy type

**Command Path:**

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# policy-map type data-plane <WORD>
(config-tenant-pmap-dpp)# set violate-dscp-transmit <0-63>
```

# set violate

**set violate <WORD>**

**Description:** Violate Policer Action

**Syntax:**

<i>WORD</i>	Violate Policer Action
-------------	------------------------

**Command Mode:** policy-map type data-plane : Create a policymap of DataPlane type to police/reclassify the traffic

**Command Path:**

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

**set violate <WORD>**

**Description:** Violate Policer Action

**Syntax:**

<i>WORD</i>	Violate Policer Action
-------------	------------------------

**Command Mode:** policy-map type data-plane : data-plane policy type

**Command Path:**

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

# set weight

## set weight <NUMBER>

**Description:** Weight value for destination routing protocol

**Syntax:**

<0-65535>	Weight value. Number range from=0 to=65535
-----------	--

**Command Mode:** route-profile : Configure route-profile

**Command Path:**

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# vrf context <WORD>
(config-tenant-vrf)# route-profile <WORD>
(config-tenant-vrf-route-profile)# set weight <NUMBER>
```

## set weight <NUMBER>

**Description:** Weight value for destination routing protocol

**Syntax:**

<0-65535>	Weight value. Number range from=0 to=65535
-----------	--

**Command Mode:** template route-profile : Configure route-profile template under tenant for BGP dampening and route redistribution

**Command Path:**

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# template route-profile <WORD> tenant <WORD>
(config-leaf-template-route-profile)# set weight <NUMBER>
```

## set weight <NUMBER>

**Description:** Weight value for destination routing protocol

**Syntax:**

<0-65535>	Weight value. Number range from=0 to=65535
-----------	--

**Command Mode:** template route-profile : Configure route-profile template under VRF/L3Out for bridge-domain export

**Command Path:**

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
```

```
(config-leaf)# vrf context tenant <WORD> vrf <WORD> [l3out <l3out>]
(config-leaf-vrf)# template route-profile <WORD> <WORD> <NUMBER>
(config-leaf-vrf-template-route-profile)# set weight <NUMBER>
```

**set weight <NUMBER>****Description:** Weight value for destination routing protocol**Syntax:**

<0-65535>	Weight value. Number range from=0 to=65535
-----------	--

**Command Mode:** match bridge-domain : Match subnets of a bridge-domain**Command Path:**

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# vrf context tenant <WORD> vrf <WORD> [l3out <l3out>]
(config-leaf-vrf)# route-map <WORD>
(config-leaf-vrf-route-map)# match bridge-domain <> [tenant <tenant>]
(config-leaf-vrf-route-map-match)# set weight <NUMBER>
```

**set weight <NUMBER>****Description:** Weight value for destination routing protocol**Syntax:**

<0-65535>	Weight value. Number range from=0 to=65535
-----------	--

**Command Mode:** match prefix-list : Match entries of a prefix-list**Command Path:**

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# vrf context tenant <WORD> vrf <WORD> [l3out <l3out>]
(config-leaf-vrf)# route-map <WORD>
(config-leaf-vrf-route-map)# match prefix-list <WORD> [deny]
(config-leaf-vrf-route-map-match)# set weight <NUMBER>
```

**set weight <NUMBER>****Description:** Weight value for destination routing protocol**Syntax:**

<0-65535>	Weight value. Number range from=0 to=65535
-----------	--

**Command Mode:** match route group : Route group**Command Path:**

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
```

```
(config-leaf)# vrf context tenant <WORD> vrf <WORD> [l3out <l3out>]
(config-leaf-vrf)# route-map <WORD>
(config-leaf-vrf-route-map)# match route group <> [order <order>] [deny]
(config-leaf-vrf-route-map-match)# set weight <NUMBER>
```

**set weight <NUMBER>****Description:** Weight value for destination routing protocol**Syntax:**

<0-65535>	Weight value. Number range from=0 to=65535
-----------	--

**Command Mode:** template route-profile : Configure route-profile template under tenant for BGP dampening and route redistribution**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# template route-profile <WORD> tenant <WORD>
(config-leaf-template-route-profile)# set weight <NUMBER>
```

**set weight <NUMBER>****Description:** Weight value for destination routing protocol**Syntax:**

<0-65535>	Weight value. Number range from=0 to=65535
-----------	--

**Command Mode:** template route-profile : Configure route-profile template under VRF/L3Out for bridge-domain export**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# vrf context tenant <WORD> vrf <WORD> [l3out <l3out>]
(config-leaf-vrf)# template route-profile <WORD> <WORD> <NUMBER>
(config-leaf-vrf-template-route-profile)# set weight <NUMBER>
```

**set weight <NUMBER>****Description:** Weight value for destination routing protocol**Syntax:**

<0-65535>	Weight value. Number range from=0 to=65535
-----------	--

**Command Mode:** match bridge-domain : Match subnets of a bridge-domain**Command Path:**

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



```
(config)# spine <101-4000>
(config-spine)# vrf context tenant <WORD> vrf <WORD> [l3out <l3out>]
(config-leaf-vrf)# route-map <WORD>
(config-leaf-vrf-route-map)# match bridge-domain <> [tenant <tenant>]
(config-leaf-vrf-route-map-match)# set weight <NUMBER>
```

**set weight <NUMBER>****Description:** Weight value for destination routing protocol**Syntax:**

<0-65535>	Weight value. Number range from=0 to=65535
-----------	--

**Command Mode:** match prefix-list : Match entries of a prefix-list**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# vrf context tenant <WORD> vrf <WORD> [l3out <l3out>]
(config-leaf-vrf)# route-map <WORD>
(config-leaf-vrf-route-map)# match prefix-list <WORD> [deny]
(config-leaf-vrf-route-map-match)# set weight <NUMBER>
```

**set weight <NUMBER>****Description:** Weight value for destination routing protocol**Syntax:**

<0-65535>	Weight value. Number range from=0 to=65535
-----------	--

**Command Mode:** match route group : Route group**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# vrf context tenant <WORD> vrf <WORD> [l3out <l3out>]
(config-leaf-vrf)# route-map <WORD>
(config-leaf-vrf-route-map)# match route group <> [order <order>] [deny]
(config-leaf-vrf-route-map-match)# set weight <NUMBER>
```

# shellinabox

## shellinabox

**Description:** Configures the communication policy of the SHELLINABOX feature

**Command Mode:** comm-policy : Configure any communication policy, ssh/telnet/shellinabox/http/https

### Usage:

In the APIC GUI, the SHELLINABOX feature allows you to open a pop-up SSH session to a fabric switch by right-clicking the icon of the switch. To enable or disable this feature, use the **shellinabox** command to enter the SHELLINABOX communication policy group, then use the **[no] admin-state-enable** command.

### Command Path:

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

# show aaa authentication

**show aaa authentication**

**Description:** Show AAA Authentication information

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show aaa authentication
```

# show aaa groups

**show aaa groups**

**Description:** Show AAA group information

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show aaa groups
```

# show aaa sessions

**show aaa sessions**

**Description:** Active User Sessions

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show aaa sessions
```

# show access-list

**show access-list WORD**

**Description:** Show Access-list Information

**Syntax:**

<i>WORD</i>	Name of the Contract to filter on (Max Size 64)
-------------	---

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show access-list WORD
```

# show accounting log

**show accounting log**

**Description:** CLI configuration command logs

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show accounting log
```

**NOTE:**

This command displays only those changes made using the command line interface (CLI). It does not display changes made using the GUI or the API. To view all changes made in the Management Information Tree, use the **show audit detail** command.

# show acllog deny l2 flow

**show acllog deny l2 flow**

**Description:** l3 flow information

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show acllog deny l2 flow
```



# show acllog deny l2 flow tenant vrf

**show acllog deny l2 flow tenant** <WORD> vrf [vlan <NUMBER>] [srcIntf <srcintf>] <WORD>

**Description:** tenant vrf information

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<1-4094>	(Optional) Encapsulation Vlan. Number range from=1 to=4094
<i>srcintf</i>	(Optional) source Interface
<i>WORD</i>	Name of the VRF to filter on (Max Size 64)

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show acllog deny l2 flow tenant <WORD> vrf [vlan <NUMBER>] [srcIntf <srcintf>] <WORD>
```

## show acllog deny l2 flow tenant vrf detail

```
show acllog deny l2 flow tenant <WORD> vrf [vlan <NUMBER>] [srcIntf <srcintf>] <WORD> detail [srcpctag
<WORD>] [dstpctag <WORD>] [srcEpgName <WORD>] [dstEpgName <WORD>] [srcmac <E.E.E
EE-EE-EE-EE-EE-EE EE:EE:EE:EE:EE:EE EEEE.EEEE.EEEE >] [dstmac <E.E.E EE-EE-EE-EE-EE-EE EE:EE:EE:EE:EE:EE
EEEE.EEEE.EEEE >]
```

**Description:** detail information

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<1-4094>	(Optional) Encapsulation Vlan. Number range from=1 to=4094
<i>srcintf</i>	(Optional) source Interface
<i>WORD</i>	Name of the VRF to filter on (Max Size 64)
<i>WORD</i>	(Optional) PC Tag (Max Size None)
<i>WORD</i>	(Optional) PC Tag (Max Size None)
<i>WORD</i>	(Optional) Epg Name (Max Size None)
<i>WORD</i>	(Optional) Epg Name (Max Size None)
<i>E.E.E EE-EE-EE-EE-EE-EE EE:EE:EE:EE:EE:EE EEEE.EEEE.EEEE</i>	(Optional) MAC address (Option 1) MAC address (Option 2) MAC address (Option 3) MAC address (Option 4)
<i>E.E.E EE-EE-EE-EE-EE-EE EE:EE:EE:EE:EE:EE EEEE.EEEE.EEEE</i>	(Optional) MAC address (Option 1) MAC address (Option 2) MAC address (Option 3) MAC address (Option 4)

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show acllog deny l2 flow tenant <WORD> vrf [vlan <NUMBER>] [srcIntf <srcintf>] <WORD>
detail [srcpctag <WORD>] [dstpctag <WORD>] [srcEpgName <WORD>] [dstEpgName <WORD>] [srcmac
<E.E.E EE-EE-EE-EE-EE-EE EE:EE:EE:EE:EE:EE EEEE.EEEE.EEEE >] [dstmac <E.E.E EE-EE-EE-EE-EE-EE
EE:EE:EE:EE:EE:EE EEEE.EEEE.EEEE >]
```

# show acllog deny l2 pkt

**show acllog deny l2 pkt**

**Description:** Pkt command

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show acllog deny l2 pkt
```

## show acllog deny l2 pkt tenant vrf

**show acllog deny l2 pkt tenant <WORD> vrf <WORD> [start-time time-stamp <YYYY-MM-DDTHR:MIN:SEC>] [end-time time-stamp <YYYY-MM-DDTHR:MIN:SEC>] [vlan <NUMBER>] [srcintf <srcintf>] [pktlen <NUMBER>]**

**Description:** Vrf Name

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the vrf to filter on (Max Size 64)
<i>time-stamp</i> <YYYY-MM-DDTHR:MIN:SEC>	(Optional) Event activity in time interval
<i>time-stamp</i> <YYYY-MM-DDTHR:MIN:SEC>	(Optional) Event activity in time interval
<1-4094>	(Optional) Encapsulation Vlan. Number range from=1 to=4094
<i>srcintf</i>	(Optional) Source Interface
<1-65535>	(Optional) packet length. Number range from=1 to=65535

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show acllog deny l2 pkt tenant <WORD> vrf <WORD> [start-time time-stamp
<YYYY-MM-DDTHR:MIN:SEC>] [end-time time-stamp <YYYY-MM-DDTHR:MIN:SEC>] [vlan <NUMBER>]
[srcintf <srcintf>] [pktlen <NUMBER>]
```

# show aclog deny l2 pkt tenant vrf detail

```
show aclog deny l2 pkt tenant <WORD> vrf <WORD> [start-time time-stamp <YYYY-MM-DDTHR:MIN:SEC>]
[end-time time-stamp <YYYY-MM-DDTHR:MIN:SEC>] [vlan <NUMBER>] [srcintf <srcintf>] [pktlen <NUMBER>]
detail [srcpctag <WORD>] [dstpctag <WORD>] [srcEpgName <WORD>] [dstEpgName <WORD>] [srcmac
<E.E.E EE-EE-EE-EE-EE-EE EE:EE:EE:EE:EE:EE EEEE.EEEE.EEEE >] [dstmac <E.E.E EE-EE-EE-EE-EE-EE
EE:EE:EE:EE:EE:EE EEEE.EEEE.EEEE >]
```

**Description:** Detail information

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the vrf to filter on (Max Size 64)
<i>time-stamp</i> <YYYY-MM-DDTHR:MIN:SEC>	(Optional) Event activity in time interval
<i>time-stamp</i> <YYYY-MM-DDTHR:MIN:SEC>	(Optional) Event activity in time interval
<1-4094>	(Optional) Encapsulation Vlan. Number range from=1 to=4094
<i>srcintf</i>	(Optional) Source Interface
<1-65535>	(Optional) packet length. Number range from=1 to=65535
<i>WORD</i>	(Optional) PC Tag (Max Size None)
<i>WORD</i>	(Optional) PC Tag (Max Size None)
<i>WORD</i>	(Optional) Epg Name (Max Size None)
<i>WORD</i>	(Optional) Epg Name (Max Size None)
<i>E.E.E EE-EE-EE-EE-EE-EE</i> <i>EE:EE:EE:EE:EE:EE</i> <i>EEEE.EEEE.EEEE</i>	(Optional) MAC address (Option 1) MAC address (Option 2) MAC address (Option 3) MAC address (Option 4)
<i>E.E.E EE-EE-EE-EE-EE-EE</i> <i>EE:EE:EE:EE:EE:EE</i> <i>EEEE.EEEE.EEEE</i>	(Optional) MAC address (Option 1) MAC address (Option 2) MAC address (Option 3) MAC address (Option 4)

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show aclog deny l2 pkt tenant <WORD> vrf <WORD> [start-time time-stamp
<YYYY-MM-DDTHR:MIN:SEC>] [end-time time-stamp <YYYY-MM-DDTHR:MIN:SEC>] [vlan <NUMBER>]
[srcintf <srcintf>] [pktlen <NUMBER>] detail [srcpctag <WORD>] [dstpctag <WORD>] [srcEpgName
<WORD>] [dstEpgName <WORD>] [srcmac <E.E.E EE-EE-EE-EE-EE-EE EE:EE:EE:EE:EE:EE EEEE.EEEE.EEEE
>] [dstmac <E.E.E EE-EE-EE-EE-EE-EE EE:EE:EE:EE:EE:EE EEEE.EEEE.EEEE >]
```

# show acllog deny l3 flow

**show acllog deny l3 flow**

**Description:** l3 flow information

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show acllog deny l3 flow
```

## show acllog deny I3 flow tenant vrf

**show acllog deny I3 flow tenant <WORD> vrf [srcip <A.B.C.D or A:B::C:D>] [dstip <A.B.C.D or A:B::C:D>] [protocol <Protocol>] [srcport <SrcPort>] [dstport <DstPort>] [srcintf <srcintf>] <WORD>**

**Description:** tenant vrf information

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>A.B.C.D or A:B::C:D</i>	(Optional) IP address in format i.i.i.i or IPv6 address in format xxxx:xxxx, xxxx:xx
<i>A.B.C.D or A:B::C:D</i>	(Optional) IP address in format i.i.i.i or IPv6 address in format xxxx:xxxx, xxxx:xx
<i>Protocol</i>	(Optional) Protocol
<i>SrcPort</i>	(Optional) source port
<i>DstPort</i>	(Optional) destination port
<i>srcintf</i>	(Optional) source interface
<i>WORD</i>	Name of the VRF to filter on (Max Size 64)

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show acllog deny I3 flow tenant <WORD> vrf [srcip <A.B.C.D or A:B::C:D>] [dstip <A.B.C.D or A:B::C:D>] [protocol <Protocol>] [srcport <SrcPort>] [dstport <DstPort>] [srcintf <srcintf>] <WORD>
```

## show acllog deny l3 flow tenant vrf detail

```
show acllog deny l3 flow tenant <WORD> vrf [srcip <A.B.C.D or A:B::C:D>] [dstip <A.B.C.D or A:B::C:D>]
[protocol <Protocol>] [srcport <SrcPort>] [dstport <DstPort>] [srcintf <srcintf>] <WORD> detail [srcpctag
<WORD>] [dstpctag <WORD>] [srcEpgName <WORD>] [dstEpgName <WORD>] [srcmac <E.E.E
EE-EE-EE-EE-EE-EE EE:EE:EE:EE:EE:EE EEEE.EEEE.EEEE >] [dstmac <E.E.E EE-EE-EE-EE-EE-EE EE:EE:EE:EE:EE:EE
EEEE.EEEE.EEEE >]
```

**Description:** detail information

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>A.B.C.D or A:B::C:D</i>	(Optional) IP address in format i.i.i.i or IPv6 address in format xxxx:xxxx, xxxx::xx
<i>A.B.C.D or A:B::C:D</i>	(Optional) IP address in format i.i.i.i or IPv6 address in format xxxx:xxxx, xxxx::xx
<i>Protocol</i>	(Optional) Protocol
<i>SrcPort</i>	(Optional) source port
<i>DstPort</i>	(Optional) destination port
<i>srcintf</i>	(Optional) source interface
<i>WORD</i>	Name of the VRF to filter on (Max Size 64)
<i>WORD</i>	(Optional) PC Tag (Max Size None)
<i>WORD</i>	(Optional) PC Tag (Max Size None)
<i>WORD</i>	(Optional) Epg Name (Max Size None)
<i>WORD</i>	(Optional) Epg Name (Max Size None)
<i>E.E.E EE-EE-EE-EE-EE-EE EE:EE:EE:EE:EE:EE EEEE.EEEE.EEEE</i>	(Optional) MAC address (Option 1) MAC address (Option 2) MAC address (Option 3) MAC address (Option 4)
<i>E.E.E EE-EE-EE-EE-EE-EE EE:EE:EE:EE:EE:EE EEEE.EEEE.EEEE</i>	(Optional) MAC address (Option 1) MAC address (Option 2) MAC address (Option 3) MAC address (Option 4)

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show acllog deny l3 flow tenant <WORD> vrf [srcip <A.B.C.D or A:B::C:D>] [dstip <A.B.C.D
or A:B::C:D>] [protocol <Protocol>] [srcport <SrcPort>] [dstport <DstPort>] [srcintf
<srcintf>] <WORD> detail [srcpctag <WORD>] [dstpctag <WORD>] [srcEpgName <WORD>] [dstEpgName
<WORD>] [srcmac <E.E.E EE-EE-EE-EE-EE-EE EE:EE:EE:EE:EE:EE EEEE.EEEE.EEEE >] [dstmac <E.E.E
```



```
EE-EE-EE-EE-EE-EE EE:EE:EE:EE:EE:EE EEEE.EEEE.EEEE >]
```

# show acllog deny l3 pkt

**show acllog deny l3 pkt**

**Description:** Pkt command

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show acllog deny l3 pkt
```

## show acllog deny l3 pkt tenant vrf

```
show acllog deny l3 pkt tenant <WORD> vrf <WORD> [start-time time-stamp <YYYY-MM-DDTHR:MIN:SEC>]
[end-time time-stamp <YYYY-MM-DDTHR:MIN:SEC>] [protocol <protocol>] [srcip <A.B.C.D or A:B::C:D>]
[dstip <A.B.C.D or A:B::C:D>] [srcport <NUMBER>] [dstport <NUMBER>] [srcintf <srcintf>] [pktlen <NUMBER>]
```

**Description:** Vrf Name

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the vrf to filter on (Max Size 64)
<i>time-stamp</i> <YYYY-MM-DDTHR:MIN:SEC>	(Optional) Event activity in time interval
<i>time-stamp</i> <YYYY-MM-DDTHR:MIN:SEC>	(Optional) Event activity in time interval
<i>protocol</i>	(Optional) protocol
<i>A.B.C.D or A:B::C:D</i>	(Optional) IP address in format i.i.i.i or IPv6 address in format xxxx:xxxx, xxxx::xx
<i>A.B.C.D or A:B::C:D</i>	(Optional) IP address in format i.i.i.i or IPv6 address in format xxxx:xxxx, xxxx::xx
<0-65535>	(Optional) Source port. Number range from=0 to=65535
<0-65535>	(Optional) Destination port. Number range from=0 to=65535
<i>srcintf</i>	(Optional) source Interface
<1-65535>	(Optional) packet length. Number range from=1 to=65535

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show acllog deny l3 pkt tenant <WORD> vrf <WORD> [start-time time-stamp
<YYYY-MM-DDTHR:MIN:SEC>] [end-time time-stamp <YYYY-MM-DDTHR:MIN:SEC>] [protocol <protocol>]
 [srcip <A.B.C.D or A:B::C:D>] [dstip <A.B.C.D or A:B::C:D>] [srcport <NUMBER>] [dstport
<NUMBER>] [srcintf <srcintf>] [pktlen <NUMBER>]
```

## show acllog deny l3 pkt tenant vrf detail

```
show acllog deny l3 pkt tenant <WORD> vrf <WORD> [start-time time-stamp <YYYY-MM-DDTHR:MIN:SEC>]
[end-time time-stamp <YYYY-MM-DDTHR:MIN:SEC>] [protocol <protocol>] [srcip <A.B.C.D or A:B::C:D>]
[dstip <A.B.C.D or A:B::C:D>] [srcport <NUMBER>] [dstport <NUMBER>] [srcintf <srcintf>] [pktlen <NUMBER>]
detail [srcpctag <WORD>] [dstpctag <WORD>] [srcEpgName <WORD>] [dstEpgName <WORD>] [srcmac
<E.E.E EE-EE-EE-EE-EE-EE EE:EE:EE:EE:EE:EE EEEE.EEEE.EEEE >] [dstmac <E.E.E EE-EE-EE-EE-EE-EE
EE:EE:EE:EE:EE:EE EEEE.EEEE.EEEE >]
```

**Description:** Detail information

### Syntax:

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the vrf to filter on (Max Size 64)
<i>time-stamp</i> <YYYY-MM-DDTHR:MIN:SEC>	(Optional) Event activity in time interval
<i>time-stamp</i> <YYYY-MM-DDTHR:MIN:SEC>	(Optional) Event activity in time interval
<i>protocol</i>	(Optional) protocol
<i>A.B.C.D or A:B::C:D</i>	(Optional) IP address in format i.i.i.i or IPv6 address in format xxxx:xxxx, xxxx::xx
<i>A.B.C.D or A:B::C:D</i>	(Optional) IP address in format i.i.i.i or IPv6 address in format xxxx:xxxx, xxxx::xx
<0-65535>	(Optional) Source port. Number range from=0 to=65535
<0-65535>	(Optional) Destination port. Number range from=0 to=65535
<i>srcintf</i>	(Optional) source Interface
<1-65535>	(Optional) packet length. Number range from=1 to=65535
<i>WORD</i>	(Optional) PC Tag (Max Size None)
<i>WORD</i>	(Optional) PC Tag (Max Size None)
<i>WORD</i>	(Optional) Epg Name (Max Size None)
<i>WORD</i>	(Optional) Epg Name (Max Size None)
<i>E.E.E EE-EE-EE-EE-EE-EE</i> <i>EE:EE:EE:EE:EE:EE</i> <i>EEEE.EEEE.EEEE</i>	(Optional) MAC address (Option 1) MAC address (Option 2) MAC address (Option 3) MAC address (Option 4)

<i>E.E.E EE-EE-EE-EE-EE-EE  EE:EE:EE:EE:EE:EE  EEEE.EEEE.EEEE</i>	(Optional) MAC address (Option 1) MAC address (Option 2) MAC address (Option 3) MAC address (Option 4)
---	--

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show aclog deny l3 pkt tenant <WORD> vrf <WORD> [start-time time-stamp
<YYYY-MM-DDTHR:MIN:SEC>] [end-time time-stamp <YYYY-MM-DDTHR:MIN:SEC>] [protocol <protocol>]
[srcip <A.B.C.D or A:B::C:D>] [dstip <A.B.C.D or A:B::C:D>] [srcport <NUMBER>] [dstport
<NUMBER>] [srcintf <srcintf>] [pktlen <NUMBER>] detail [srcpctag <WORD>] [dstpctag <WORD>]
[srcEpgName <WORD>] [dstEpgName <WORD>] [srcmac <E.E.E EE-EE-EE-EE-EE-EE EE:EE:EE:EE:EE:EE
EEEE.EEEE.EEEE >] [dstmac <E.E.E EE-EE-EE-EE-EE-EE EE:EE:EE:EE:EE:EE EEEE.EEEE.EEEE >]
```

# show acllog permit l2 flow tenant vrf

**show acllog permit l2 flow tenant** <WORD> vrf [vlan <NUMBER>] [srcintf <srcintf>] <WORD>

**Description:** tenant vrf information

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<1-4094>	(Optional) Encapsulation Vlan. Number range from=1 to=4094
<i>srcintf</i>	(Optional) source interface
<i>WORD</i>	Name of the VRF to filter on (Max Size 64)

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show acllog permit l2 flow tenant <WORD> vrf [vlan <NUMBER>] [srcintf <srcintf>] <WORD>
```

# show acllog permit l2 flow tenant vrf detail

```
show acllog permit l2 flow tenant <WORD> vrf [vlan <NUMBER>] [srcintf <srcintf>] <WORD> detail [srcpctag
<WORD>] [dstpctag <WORD>] [srcEpgName <WORD>] [dstEpgName <WORD>] [srcmac <E.E.E
EE-EE-EE-EE-EE-EE EE:EE:EE:EE:EE:EE EEEE.EEEE.EEEE >] [dstmac <E.E.E EE-EE-EE-EE-EE-EE EE:EE:EE:EE:EE:EE
EEEE.EEEE.EEEE >]
```

**Description:** detail information

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>&lt;1-4094&gt;</i>	(Optional) Encapsulation Vlan. Number range from=1 to=4094
<i>srcintf</i>	(Optional) source interface
<i>WORD</i>	Name of the VRF to filter on (Max Size 64)
<i>WORD</i>	(Optional) PC Tag (Max Size None)
<i>WORD</i>	(Optional) PC Tag (Max Size None)
<i>WORD</i>	(Optional) Epg Name (Max Size None)
<i>WORD</i>	(Optional) Epg Name (Max Size None)
<i>E.E.E EE-EE-EE-EE-EE-EE EE:EE:EE:EE:EE:EE EEEE.EEEE.EEEE</i>	(Optional) MAC address (Option 1) MAC address (Option 2) MAC address (Option 3) MAC address (Option 4)
<i>E.E.E EE-EE-EE-EE-EE-EE EE:EE:EE:EE:EE:EE EEEE.EEEE.EEEE</i>	(Optional) MAC address (Option 1) MAC address (Option 2) MAC address (Option 3) MAC address (Option 4)

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show acllog permit l2 flow tenant <WORD> vrf [vlan <NUMBER>] [srcintf <srcintf>] <WORD>
detail [srcpctag <WORD>] [dstpctag <WORD>] [srcEpgName <WORD>] [dstEpgName <WORD>] [srcmac
<E.E.E EE-EE-EE-EE-EE-EE EE:EE:EE:EE:EE:EE EEEE.EEEE.EEEE >] [dstmac <E.E.E EE-EE-EE-EE-EE-EE
EE:EE:EE:EE:EE:EE EEEE.EEEE.EEEE >]
```

## show acllog permit l2 pkt tenant vrf

**show acllog permit l2 pkt tenant** <WORD> vrf <WORD> [start-time time-stamp <YYYY-MM-DDTHR:MIN:SEC>] [end-time time-stamp <YYYY-MM-DDTHR:MIN:SEC>] [vlan <NUMBER>] [srcintf <srcintf>] [pktlen <NUMBER>]

**Description:** Vrf Name

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the vrf to filter on (Max Size 64)
<i>time-stamp</i> <YYYY-MM-DDTHR:MIN:SEC>	(Optional) Event activity in time interval
<i>time-stamp</i> <YYYY-MM-DDTHR:MIN:SEC>	(Optional) Event activity in time interval
<1-4094>	(Optional) Encapsulation Vlan. Number range from=1 to=4094
<i>srcintf</i>	(Optional) source Interface
<1-65535>	(Optional) packet length. Number range from=1 to=65535

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show acllog permit l2 pkt tenant <WORD> vrf <WORD> [start-time time-stamp
<YYYY-MM-DDTHR:MIN:SEC>] [end-time time-stamp <YYYY-MM-DDTHR:MIN:SEC>] [vlan <NUMBER>]
[srcintf <srcintf>] [pktlen <NUMBER>]
```



# show aclog permit l2 pkt tenant vrf detail

```
show aclog permit l2 pkt tenant <WORD> vrf <WORD> [start-time time-stamp <YYYY-MM-DDTHR:MIN:SEC>]
[end-time time-stamp <YYYY-MM-DDTHR:MIN:SEC>] [vlan <NUMBER>] [srcintf <srcintf>] [pktlen <NUMBER>]
detail [srcpctag <WORD>] [dstpctag <WORD>] [srcEpgName <WORD>] [dstEpgName <WORD>] [srcmac
<E.E.E EE-EE-EE-EE-EE-EE EE:EE:EE:EE:EE:EE EEEE.EEEE.EEEE >] [dstmac <E.E.E EE-EE-EE-EE-EE-EE
EE:EE:EE:EE:EE:EE EEEE.EEEE.EEEE >]
```

**Description:** Detail information

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the vrf to filter on (Max Size 64)
<i>time-stamp</i> <YYYY-MM-DDTHR:MIN:SEC>	(Optional) Event activity in time interval
<i>time-stamp</i> <YYYY-MM-DDTHR:MIN:SEC>	(Optional) Event activity in time interval
<1-4094>	(Optional) Encapsulation Vlan. Number range from=1 to=4094
<i>srcintf</i>	(Optional) source Interface
<1-65535>	(Optional) packet length. Number range from=1 to=65535
<i>WORD</i>	(Optional) PC Tag (Max Size None)
<i>WORD</i>	(Optional) PC Tag (Max Size None)
<i>WORD</i>	(Optional) Epg Name (Max Size None)
<i>WORD</i>	(Optional) Epg Name (Max Size None)
<i>E.E.E EE-EE-EE-EE-EE-EE</i> <i>EE:EE:EE:EE:EE:EE</i> <i>EEEE.EEEE.EEEE</i>	(Optional) MAC address (Option 1) MAC address (Option 2) MAC address (Option 3) MAC address (Option 4)
<i>E.E.E EE-EE-EE-EE-EE-EE</i> <i>EE:EE:EE:EE:EE:EE</i> <i>EEEE.EEEE.EEEE</i>	(Optional) MAC address (Option 1) MAC address (Option 2) MAC address (Option 3) MAC address (Option 4)

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show aclog permit l2 pkt tenant <WORD> vrf <WORD> [start-time time-stamp
<YYYY-MM-DDTHR:MIN:SEC>] [end-time time-stamp <YYYY-MM-DDTHR:MIN:SEC>] [vlan <NUMBER>]
[srcintf <srcintf>] [pktlen <NUMBER>] detail [srcpctag <WORD>] [dstpctag <WORD>] [srcEpgName
<WORD>] [dstEpgName <WORD>] [srcmac <E.E.E EE-EE-EE-EE-EE-EE EE:EE:EE:EE:EE:EE EEEE.EEEE.EEEE
>] [dstmac <E.E.E EE-EE-EE-EE-EE-EE EE:EE:EE:EE:EE:EE EEEE.EEEE.EEEE >]
```

## show acllog permit l3 flow tenant vrf

**show acllog permit l3 flow tenant** <WORD> vrf [srcip <A.B.C.D or A:B::C:D>] [dstip <A.B.C.D or A:B::C:D>] [protocol <Protocol>] [srcport <SrcPort>] [dstport <DstPort>] [srcintf <srcintf>] <WORD>

**Description:** tenant vrf information

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>A.B.C.D or A:B::C:D</i>	(Optional) IP address in format i.i.i.i or IPv6 address in format xxxx:xxxx, xxxx::xx
<i>A.B.C.D or A:B::C:D</i>	(Optional) IP address in format i.i.i.i or IPv6 address in format xxxx:xxxx, xxxx::xx
<i>Protocol</i>	(Optional) Protocol
<i>SrcPort</i>	(Optional) source port
<i>DstPort</i>	(Optional) destination port
<i>srcintf</i>	(Optional) source interface
<i>WORD</i>	Name of the VRF to filter on (Max Size 64)

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show acllog permit l3 flow tenant <WORD> vrf [srcip <A.B.C.D or A:B::C:D>] [dstip <A.B.C.D or A:B::C:D>] [protocol <Protocol>] [srcport <SrcPort>] [dstport <DstPort>] [srcintf <srcintf>] <WORD>
```

# show acllog permit l3 flow tenant vrf detail

```
show acllog permit l3 flow tenant <WORD> vrf [srcip <A.B.C.D or A::B::C:D>] [dstip <A.B.C.D or A::B::C:D>]
[protocol <Protocol>] [srcport <SrcPort>] [dstport <DstPort>] [srcintf <srcintf>] <WORD> detail [srcpctag
<WORD>] [dstpctag <WORD>] [srcEpgName <WORD>] [dstEpgName <WORD>] [srcmac <E.E.E
EE-EE-EE-EE-EE-EE EE:EE:EE:EE:EE:EE EEEE.EEEE.EEEE >] [dstmac <E.E.E EE-EE-EE-EE-EE-EE EE:EE:EE:EE:EE:EE
EEEE.EEEE.EEEE >]
```

**Description:** detail information

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>A.B.C.D or A::B::C:D</i>	(Optional) IP address in format i.i.i.i or IPv6 address in format xxxx:xxxx, xxxx::xx
<i>A.B.C.D or A::B::C:D</i>	(Optional) IP address in format i.i.i.i or IPv6 address in format xxxx:xxxx, xxxx::xx
<i>Protocol</i>	(Optional) Protocol
<i>SrcPort</i>	(Optional) source port
<i>DstPort</i>	(Optional) destination port
<i>srcintf</i>	(Optional) source interface
<i>WORD</i>	Name of the VRF to filter on (Max Size 64)
<i>WORD</i>	(Optional) PC Tag (Max Size None)
<i>WORD</i>	(Optional) PC Tag (Max Size None)
<i>WORD</i>	(Optional) Epg Name (Max Size None)
<i>WORD</i>	(Optional) Epg Name (Max Size None)
<i>E.E.E EE-EE-EE-EE-EE-EE EE:EE:EE:EE:EE:EE EEEE.EEEE.EEEE</i>	(Optional) MAC address (Option 1) MAC address (Option 2) MAC address (Option 3) MAC address (Option 4)
<i>E.E.E EE-EE-EE-EE-EE-EE EE:EE:EE:EE:EE:EE EEEE.EEEE.EEEE</i>	(Optional) MAC address (Option 1) MAC address (Option 2) MAC address (Option 3) MAC address (Option 4)

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show acllog permit l3 flow tenant <WORD> vrf [srcip <A.B.C.D or A::B::C:D>] [dstip <A.B.C.D
or A::B::C:D>] [protocol <Protocol>] [srcport <SrcPort>] [dstport <DstPort>] [srcintf
<srcintf>] <WORD> detail [srcpctag <WORD>] [dstpctag <WORD>] [srcEpgName <WORD>] [dstEpgName
<WORD>] [srcmac <E.E.E EE-EE-EE-EE-EE-EE EE:EE:EE:EE:EE:EE EEEE.EEEE.EEEE >] [dstmac <E.E.E
```

```
EE-EE-EE-EE-EE-EE EE:EE:EE:EE:EE:EE EEEE.EEEE.EEEE >]
```

## show acllog permit l3 pkt tenant vrf

**show acllog permit l3 pkt tenant <WORD> vrf <WORD> [start-time time-stamp <YYYY-MM-DDTHR:MIN:SEC>] [end-time time-stamp <YYYY-MM-DDTHR:MIN:SEC>] [protocol <protocol>] [srcip <A.B.C.D or A:B::C:D>] [dstip <A.B.C.D or A:B::C:D>] [srcport <NUMBER>] [dstport <NUMBER>] [srcintf <srcintf>] [pktlen <NUMBER>]**

**Description:** Vrf Name

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the vrf to filter on (Max Size 64)
<i>time-stamp</i> <YYYY-MM-DDTHR:MIN:SEC>	(Optional) Event activity in time interval
<i>time-stamp</i> <YYYY-MM-DDTHR:MIN:SEC>	(Optional) Event activity in time interval
<i>protocol</i>	(Optional) protocol
<i>A.B.C.D or A:B::C:D</i>	(Optional) IP address in format i.i.i.i or IPv6 address in format xxxx:xxxx, xxxx::xx
<i>A.B.C.D or A:B::C:D</i>	(Optional) IP address in format i.i.i.i or IPv6 address in format xxxx:xxxx, xxxx::xx
<0-65535>	(Optional) Source port. Number range from=0 to=65535
<0-65535>	(Optional) Destination port. Number range from=0 to=65535
<i>srcintf</i>	(Optional) source Interface
<1-65535>	(Optional) packet length. Number range from=1 to=65535

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show acllog permit l3 pkt tenant <WORD> vrf <WORD> [start-time time-stamp
<YYYY-MM-DDTHR:MIN:SEC>] [end-time time-stamp <YYYY-MM-DDTHR:MIN:SEC>] [protocol <protocol>]
 [srcip <A.B.C.D or A:B::C:D>] [dstip <A.B.C.D or A:B::C:D>] [srcport <NUMBER>] [dstport
<NUMBER>] [srcintf <srcintf>] [pktlen <NUMBER>]
```

## show acllog permit l3 pkt tenant vrf detail

```
show acllog permit l3 pkt tenant <WORD> vrf <WORD> [start-time time-stamp <YYYY-MM-DDTHR:MIN:SEC>]
[end-time time-stamp <YYYY-MM-DDTHR:MIN:SEC>] [protocol <protocol>] [srcip <A.B.C.D or A:B::C:D>]
[dstip <A.B.C.D or A:B::C:D>] [srcport <NUMBER>] [dstport <NUMBER>] [srcintf <srcintf>] [pktlen <NUMBER>]
detail [srcpctag <WORD>] [dstpctag <WORD>] [srcEpgName <WORD>] [dstEpgName <WORD>] [srcmac
<E.E.E EE-EE-EE-EE-EE-EE EE:EE:EE:EE:EE:EE EEEE.EEEE.EEEE >] [dstmac <E.E.E EE-EE-EE-EE-EE-EE
EE:EE:EE:EE:EE:EE EEEE.EEEE.EEEE >]
```

**Description:** Detail information

### Syntax:

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the vrf to filter on (Max Size 64)
<i>time-stamp</i> <YYYY-MM-DDTHR:MIN:SEC>	(Optional) Event activity in time interval
<i>time-stamp</i> <YYYY-MM-DDTHR:MIN:SEC>	(Optional) Event activity in time interval
<i>protocol</i>	(Optional) protocol
<i>A.B.C.D or A:B::C:D</i>	(Optional) IP address in format i.i.i.i or IPv6 address in format xxxx:xxxx, xxxx::xx
<i>A.B.C.D or A:B::C:D</i>	(Optional) IP address in format i.i.i.i or IPv6 address in format xxxx:xxxx, xxxx::xx
<0-65535>	(Optional) Source port. Number range from=0 to=65535
<0-65535>	(Optional) Destination port. Number range from=0 to=65535
<i>srcintf</i>	(Optional) source Interface
<1-65535>	(Optional) packet length. Number range from=1 to=65535
<i>WORD</i>	(Optional) PC Tag (Max Size None)
<i>WORD</i>	(Optional) PC Tag (Max Size None)
<i>WORD</i>	(Optional) Epg Name (Max Size None)
<i>WORD</i>	(Optional) Epg Name (Max Size None)
<i>E.E.E EE-EE-EE-EE-EE-EE</i> <i>EE:EE:EE:EE:EE:EE</i> <i>EEEE.EEEE.EEEE</i>	(Optional) MAC address (Option 1) MAC address (Option 2) MAC address (Option 3) MAC address (Option 4)

<i>E.E.E EE-EE-EE-EE-EE-EE  EE:EE:EE:EE:EE:EE  EEEE.EEEE.EEEE</i>	(Optional) MAC address (Option 1) MAC address (Option 2) MAC address (Option 3) MAC address (Option 4)
---	--

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show aclog permit l3 pkt tenant <WORD> vrf <WORD> [start-time time-stamp
<YYYY-MM-DDTHR:MIN:SEC>] [end-time time-stamp <YYYY-MM-DDTHR:MIN:SEC>] [protocol <protocol>]
[srcip <A.B.C.D or A:B::C:D>] [dstip <A.B.C.D or A:B::C:D>] [srcport <NUMBER>] [dstport
<NUMBER>] [srcintf <srcintf>] [pktlen <NUMBER>] detail [srcpctag <WORD>] [dstpctag <WORD>]
[srcEpgName <WORD>] [dstEpgName <WORD>] [srcmac <E.E.E EE-EE-EE-EE-EE-EE EE:EE:EE:EE:EE:EE
EEEE.EEEE.EEEE >] [dstmac <E.E.E EE-EE-EE-EE-EE-EE EE:EE:EE:EE:EE:EE EEEE.EEEE.EEEE >]
```

# show analytics

**show analytics**

**Description:** Show analytics cluster configuration

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show analytics
```



# show application

**show application WORD**

**Description:** Show Application Profiles Information

**Syntax:**

<i>WORD</i>	Name of the application we eventually want to filter on (Max Size 64)
-------------	---

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show application WORD
```

## show audits

**show audits** [*id* <log-id>] [*action* *action*<action-type>] [*user* <user-name>] [*last-minutes* <NUMBER>] [*last-hours* <NUMBER>] [*last-days* <NUMBER>] [*start-time* <YYYY-MM-DDTHR:MIN:SEC>] [*end-time* *end-time* <YYYY-MM-DDTHR:MIN:SEC>] [*detail*] <scope>

**Description:** Show audit-log information

### Syntax:

<log-id>	(Optional) Log ID
<i>action</i> <action-type>	(Optional) Object action indicator
<user-name>	(Optional) Name of user
<num-minutes>	(Optional) Logs created in time interval. Number range from=1 to=59
<num-hours>	(Optional) Logs created in time interval. Number range from=1 to=23
<num-days>	(Optional) Logs created in time interval. Number range from=1 to=999
<YYYY-MM-DDTHR:MIN:SEC>	(Optional) Logs created in time interval
<i>end-time</i> <YYYY-MM-DDTHR:MIN:SEC>	(Optional) Logs created in time interval
<i>detail</i>	(Optional) Detailed audit-log information. Displays what was modified and displays the old and new settings.
<scope>	command scope

**Command Mode:** exec : Exec Mode

### Command Path:

```
# show audits [id <log-id>] [action action<action-type>] [user <user-name>] [last-minutes
<NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>]
[end-time end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] <scope>
```

## show audits tenant

**show audits** [id <log-id>] [action <action-type>] [user <user-name>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant **WORD**

**Description:** Show Tenants Information

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
-------------	---

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show audits [id <log-id>] [action <action-type>] [user <user-name>] [last-minutes <NUMBER>]
[last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
<YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD
```

# show audits tenant application

**show audits** [id <log-id>] [action <action-type>] [user <user-name>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant **WORD** application **WORD**

**Description:** Show Application Profiles Information

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the application we eventually want to filter on (Max Size 64)

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show audits [id <log-id>] [action <action-type>] [user <user-name>] [last-minutes <NUMBER>]
  [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
  <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD application WORD
```

## show audits tenant application epg

**show audits** [*id* <log-id>] [*action* <action-type>] [*user* <user-name>] [*last-minutes* <NUMBER>] [*last-hours* <NUMBER>] [*last-days* <NUMBER>] [*start-time* <YYYY-MM-DDTHR:MIN:SEC>] [*end-time* <YYYY-MM-DDTHR:MIN:SEC>] [*detail*] **tenant** *WORD* **application** *WORD* **epg** *WORD*

**Description:** Show Application EPG Information

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the application we eventually want to filter on (Max Size 64)
<i>WORD</i>	Name of the AEPG to filter on (Max Size 64)

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show audits [id <log-id>] [action <action-type>] [user <user-name>] [last-minutes <NUMBER>]
[last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
<YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD application WORD epg WORD
```

# show audits tenant bridge-domain

**show audits** [*id* <log-id>] [*action* <action-type>] [*user* <user-name>] [*last-minutes* <NUMBER>] [*last-hours* <NUMBER>] [*last-days* <NUMBER>] [*start-time* <YYYY-MM-DDTHR:MIN:SEC>] [*end-time* <YYYY-MM-DDTHR:MIN:SEC>] [*detail*] **tenant** *WORD* **bridge-domain** *WORD*

**Description:** Show Bridge-domain Information

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the bridge-domain (Max Size 64)

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show audits [id <log-id>] [action <action-type>] [user <user-name>] [last-minutes <NUMBER>]
  [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
  <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD bridge-domain WORD
```

# show audits tenant bridge-domain detail

**show audits** [id <log-id>] [action <action-type>] [user <user-name>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant **WORD** bridge-domain **WORD** detail

**Description:** Show Bridge-domain Detailed Information

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the bridge-domain (Max Size 64)

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show audits [id <log-id>] [action <action-type>] [user <user-name>] [last-minutes <NUMBER>]
[last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
<YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD bridge-domain WORD detail
```

# show audits tenant bridge-domain first-hop-security binding-table

**show audits** [id <log-id>] [action <action-type>] [user <user-name>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD bridge-domain WORD first-hop-security binding-table

**Description:** Show Bridge-domain Binding Table Information

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the bridge-domain (Max Size 64)

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show audits [id <log-id>] [action <action-type>] [user <user-name>] [last-minutes <NUMBER>]
  [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
  <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD bridge-domain WORD first-hop-security
binding-table
```



# show audits tenant bridge-domain first-hop-security statistics arp

**show audits** [*id* <log-id>] [*action* <action-type>] [*user* <user-name>] [*last-minutes* <NUMBER>] [*last-hours* <NUMBER>] [*last-days* <NUMBER>] [*start-time* <YYYY-MM-DDTHR:MIN:SEC>] [*end-time* <YYYY-MM-DDTHR:MIN:SEC>] [*detail*] tenant *WORD* bridge-domain *WORD* first-hop-security statistics arp

**Description:** Show Bridge-domain First Hop Security ARP Statistics

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the bridge-domain (Max Size 64)

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show audits [id <log-id>] [action <action-type>] [user <user-name>] [last-minutes <NUMBER>]
  [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
  <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD bridge-domain WORD first-hop-security
statistics arp
```

# show audits tenant bridge-domain first-hop-security statistics dhcpv4

**show audits** [id <log-id>] [action <action-type>] [user <user-name>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant **WORD** bridge-domain **WORD** first-hop-security statistics dhcpv4

**Description:** Show Bridge-domain First Hop Security DHCPv4 Statistics

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the bridge-domain (Max Size 64)

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show audits [id <log-id>] [action <action-type>] [user <user-name>] [last-minutes <NUMBER>]
  [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
  <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD bridge-domain WORD first-hop-security
statistics dhcpv4
```

# show audits tenant bridge-domain first-hop-security statistics dhcpv6

```
show audits [id <log-id>] [action <action-type>] [user <user-name>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD bridge-domain WORD first-hop-security statistics dhcpv6
```

**Description:** Show Bridge-domain First Hop Security DHCPv6 Statistics

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the bridge-domain (Max Size 64)

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show audits [id <log-id>] [action <action-type>] [user <user-name>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD bridge-domain WORD first-hop-security statistics dhcpv6
```

# show audits tenant bridge-domain first-hop-security statistics neighbor-discovery

**show audits** [id <log-id>] [action <action-type>] [user <user-name>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant **WORD** bridge-domain **WORD** first-hop-security statistics neighbor-discovery

**Description:** Show Bridge-domain First Hop Security Neighbor Discovery Statistics

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the bridge-domain (Max Size 64)

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show audits [id <log-id>] [action <action-type>] [user <user-name>] [last-minutes <NUMBER>]
  [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
  <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD bridge-domain WORD first-hop-security
statistics neighbor-discovery
```

## show audits tenant dnsservergroup

**show audits** [*id* <log-id>] [*action* <action-type>] [*user* <user-name>] [*last-minutes* <NUMBER>] [*last-hours* <NUMBER>] [*last-days* <NUMBER>] [*start-time* <YYYY-MM-DDTHR:MIN:SEC>] [*end-time* <YYYY-MM-DDTHR:MIN:SEC>] [*detail*] tenant **WORD** dnsservergroup **WORD**

**Description:** Show Dns Server Group Information

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the dns server group we eventually want to filter on (Max Size 16)

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show audits [id <log-id>] [action <action-type>] [user <user-name>] [last-minutes <NUMBER>]
[last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
<YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD dnsservergroup WORD
```

# show audits tenant dnsservergroup server

**show audits** [id <log-id>] [action <action-type>] [user <user-name>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD dnsservergroup WORD server WORD

**Description:** Show Dns Server Information

## Syntax:

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the dns server group we eventually want to filter on (Max Size 16)
<i>WORD</i>	IP of server we eventually want to filter on (Max Size None)

**Command Mode:** exec : Exec Mode

## Command Path:

```
# show audits [id <log-id>] [action <action-type>] [user <user-name>] [last-minutes <NUMBER>]
[last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
<YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD dnsservergroup WORD server WORD
```

# show audits tenant dnsservergroup server domain

**show audits** [id <log-id>] [action <action-type>] [user <user-name>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant **WORD** dnsservergroup **WORD** server **WORD** domain **WORD**

**Description:** Show Dns Domain Information

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the dns server group we eventually want to filter on (Max Size 16)
<i>WORD</i>	IP of server we eventually want to filter on (Max Size None)
<i>WORD</i>	Domain we eventually want to filter on (Max Size 512)

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show audits [id <log-id>] [action <action-type>] [user <user-name>] [last-minutes <NUMBER>]
[last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
<YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD dnsservergroup WORD server WORD domain WORD
```

## show audits tenant interface bridge-domain

**show audits** [*id* <log-id>] [*action* <action-type>] [*user* <user-name>] [*last-minutes* <NUMBER>] [*last-hours* <NUMBER>] [*last-days* <NUMBER>] [*start-time* <YYYY-MM-DDTHR:MIN:SEC>] [*end-time* <YYYY-MM-DDTHR:MIN:SEC>] [*detail*] **tenant** *WORD* **interface** **bridge-domain** *WORD*

**Description:** Show Bridge-domain Information

### Syntax:

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the bridge-domain (Max Size 64)

**Command Mode:** exec : Exec Mode

### Command Path:

```
# show audits [id <log-id>] [action <action-type>] [user <user-name>] [last-minutes <NUMBER>]
  [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
  <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD interface bridge-domain WORD
```



# show audits tenant interface bridge-domain detail

**show audits** [*id* <log-id>] [*action* <action-type>] [*user* <user-name>] [*last-minutes* <NUMBER>] [*last-hours* <NUMBER>] [*last-days* <NUMBER>] [*start-time* <YYYY-MM-DDTHR:MIN:SEC>] [*end-time* <YYYY-MM-DDTHR:MIN:SEC>] [*detail*] tenant **WORD** interface bridge-domain **WORD** detail

**Description:** Show Bridge-domain Detailed Information

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the bridge-domain (Max Size 64)

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show audits [id <log-id>] [action <action-type>] [user <user-name>] [last-minutes <NUMBER>]
  [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
  <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD interface bridge-domain WORD detail
```

# show audits tenant interface bridge-domain first-hop-security binding-table

**show audits** [id <log-id>] [action <action-type>] [user <user-name>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant **WORD** interface bridge-domain **WORD** first-hop-security binding-table

**Description:** Show Bridge-domain Binding Table Information

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the bridge-domain (Max Size 64)

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show audits [id <log-id>] [action <action-type>] [user <user-name>] [last-minutes <NUMBER>]
[last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
<YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD interface bridge-domain WORD first-hop-security
binding-table
```

# show audits tenant interface bridge-domain first-hop-security statistics arp

```
show audits [id <log-id>] [action <action-type>] [user <user-name>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD interface bridge-domain WORD first-hop-security statistics arp
```

**Description:** Show Bridge-domain First Hop Security ARP Statistics

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the bridge-domain (Max Size 64)

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show audits [id <log-id>] [action <action-type>] [user <user-name>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD interface bridge-domain WORD first-hop-security statistics arp
```

# show audits tenant interface bridge-domain first-hop-security statistics dhcpv4

**show audits** [id <log-id>] [action <action-type>] [user <user-name>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant **WORD** interface bridge-domain **WORD** first-hop-security statistics dhcpv4

**Description:** Show Bridge-domain First Hop Security DHCPv4 Statistics

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the bridge-domain (Max Size 64)

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show audits [id <log-id>] [action <action-type>] [user <user-name>] [last-minutes <NUMBER>]
[last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
<YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD interface bridge-domain WORD first-hop-security
statistics dhcpv4
```

# show audits tenant interface bridge-domain first-hop-security statistics dhcpv6

**show audits** [*id* <log-id>] [*action* <action-type>] [*user* <user-name>] [*last-minutes* <NUMBER>] [*last-hours* <NUMBER>] [*last-days* <NUMBER>] [*start-time* <YYYY-MM-DDTHR:MIN:SEC>] [*end-time* <YYYY-MM-DDTHR:MIN:SEC>] [*detail*] tenant **WORD** interface bridge-domain **WORD** first-hop-security statistics dhcpv6

**Description:** Show Bridge-domain First Hop Security DHCPv6 Statistics

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the bridge-domain (Max Size 64)

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show audits [id <log-id>] [action <action-type>] [user <user-name>] [last-minutes <NUMBER>]
[last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
<YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD interface bridge-domain WORD first-hop-security
statistics dhcpv6
```

# show audits tenant interface bridge-domain first-hop-security statistics neighbor-discovery

**show audits** [id <log-id>] [action <action-type>] [user <user-name>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant **WORD** interface bridge-domain **WORD** first-hop-security statistics neighbor-discovery

**Description:** Show Bridge-domain First Hop Security Neighbor Discovery Statistics

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the bridge-domain (Max Size 64)

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show audits [id <log-id>] [action <action-type>] [user <user-name>] [last-minutes <NUMBER>]
[last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
<YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD interface bridge-domain WORD first-hop-security
statistics neighbor-discovery
```

# show audits tenant multicast-route-maps

**show audits** [*id* <log-id>] [*action* <action-type>] [*user* <user-name>] [*last-minutes* <NUMBER>] [*last-hours* <NUMBER>] [*last-days* <NUMBER>] [*start-time* <YYYY-MM-DDTHR:MIN:SEC>] [*end-time* <YYYY-MM-DDTHR:MIN:SEC>] [*detail*] tenant **WORD** multicast-route-maps

**Description:** Show multicast route-maps per Tenant

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
-------------	---

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show audits [id <log-id>] [action <action-type>] [user <user-name>] [last-minutes <NUMBER>]
[last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
<YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD multicast-route-maps
```

## show audits tenant vrf

**show audits** [*id* <log-id>] [*action* <action-type>] [*user* <user-name>] [*last-minutes* <NUMBER>] [*last-hours* <NUMBER>] [*last-days* <NUMBER>] [*start-time* <YYYY-MM-DDTHR:MIN:SEC>] [*end-time* <YYYY-MM-DDTHR:MIN:SEC>] [*detail*] **tenant** *WORD* **vrf** *WORD*

**Description:** Show VRF Information

### Syntax:

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the VRF to filter on (Max Size 64)

**Command Mode:** exec : Exec Mode

### Command Path:

```
# show audits [id <log-id>] [action <action-type>] [user <user-name>] [last-minutes <NUMBER>]
  [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
  <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD vrf WORD
```



## show audits tenant vrf acllog l2

```
show audits [id <log-id>] [action <action-type>] [user <user-name>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD vrf WORD acllog <permitDrop> l2 flow vlan <NUMBER> srcintf <srcintf>
```

**Description:** L2 flow stats

### Syntax:

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the VRF to filter on (Max Size 64)
<i>permitDrop</i>	permitDrop
flow	flowi stats
vlan	vlan info
<vlan>	<vlan>. Number range from=0 to=9223372036854775807
srcintf	source interface
<srcintf>	<srcintf>

**Command Mode:** exec : Exec Mode

### Command Path:

```
# show audits [id <log-id>] [action <action-type>] [user <user-name>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD vrf WORD acllog <permitDrop> l2 flow vlan <NUMBER> srcintf <srcintf>
```

## show audits tenant vrf aclog l3

```
show audits [id <log-id>] [action <action-type>] [user <user-name>] [last-minutes <NUMBER>] [last-hours
<NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
<YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD vrf WORD aclog <permitDrop> l3 flow srcpctag
<srcpctag> dstpctag <dstpctag> srcepname <srcepname> dstepname <dstepname> srcip <A.B.C.D or
A.B::C:D> dstip <A.B.C.D or A.B::C:D> proto <proto> srcport <srcport> dstport <dstport> srcintf <srcintf>
```

**Description:** L3 flow stats

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the VRF to filter on (Max Size 64)
<i>permitDrop</i>	permitDrop
flow	flow stats
srcpctag	source pc tag
< <i>srcpctag</i> >	<srcpctag>
dstpctag	destination pc tag
< <i>dstpctag</i> >	<dstpctag>
srcepname	source epg name
< <i>srcepname</i> >	<srcepname>
dstepname	destination epg name
< <i>dstepname</i> >	<dstepname>
srcip	source ip
<i>A.B.C.D or A:B::C:D</i>	IP address in format i.i.i.i or IPv6 address in format xxxx:xxxx, xxxx::xx
dstip	destination ip
<i>A.B.C.D or A:B::C:D</i>	IP address in format i.i.i.i or IPv6 address in format xxxx:xxxx, xxxx::xx
proto	protocol
< <i>proto</i> >	<proto>
srcport	source port
< <i>srcport</i> >	<srcport>
dstport	destination port

<i>&lt;dstport&gt;</i>	<i>&lt;dstport&gt;</i>
srcintf	source interface
<i>&lt;srcintf&gt;</i>	<i>&lt;srcintf&gt;</i>

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show audits [id <log-id>] [action <action-type>] [user <user-name>] [last-minutes <NUMBER>]
[last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
<YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD vrf WORD acllog <permitDrop> l3 flow srcpctag
<srcpctag> dstpctag <dstpctag> srcepname <srcepname> dstepgname <dstepgname> srcip
<A.B.C.D or A:B::C:D> dstip <A.B.C.D or A:B::C:D> proto <proto> srcport <srcport> dstport
<dstport> srcintf <srcintf>
```

## show audits tenant vrf detail

**show audits** [*id* <log-id>] [*action* <action-type>] [*user* <user-name>] [*last-minutes* <NUMBER>] [*last-hours* <NUMBER>] [*last-days* <NUMBER>] [*start-time* <YYYY-MM-DDTHR:MIN:SEC>] [*end-time* <YYYY-MM-DDTHR:MIN:SEC>] [*detail*] *tenant* *WORD* *vrf* *WORD* *detail*

**Description:** Show detailed view of VRF

### Syntax:

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the VRF to filter on (Max Size 64)

**Command Mode:** exec : Exec Mode

### Command Path:

```
# show audits [id <log-id>] [action <action-type>] [user <user-name>] [last-minutes <NUMBER>]
  [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
  <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD vrf WORD detail
```

## show audits tenant vrf external-l3 bgp

**show audits** [*id* <log-id>] [*action* <action-type>] [*user* <user-name>] [*last-minutes* <NUMBER>] [*last-hours* <NUMBER>] [*last-days* <NUMBER>] [*start-time* <YYYY-MM-DDTHR:MIN:SEC>] [*end-time* <YYYY-MM-DDTHR:MIN:SEC>] [*detail*] tenant *WORD* vrf *WORD* external-l3 bgp

**Description:** Show command for BGP peers

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the VRF to filter on (Max Size 64)

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show audits [id <log-id>] [action <action-type>] [user <user-name>] [last-minutes <NUMBER>]
[last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
<YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD vrf WORD external-l3 bgp
```

## show audits tenant vrf external-l3 bgp node

```
show audits [id <log-id>] [action <action-type>] [user <user-name>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD vrf WORD external-l3 bgp node <101-4000>
```

**Description:** node to filter on

### Syntax:

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the VRF to filter on (Max Size 64)
<i>&lt;101-4000&gt;</i>	Leaf Range or Leaf Name List

**Command Mode:** exec : Exec Mode

### Command Path:

```
# show audits [id <log-id>] [action <action-type>] [user <user-name>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD vrf WORD external-l3 bgp node <101-4000>
```

## show audits tenant vrf external-l3 eigrp

**show audits** [*id* <log-id>] [*action* <action-type>] [*user* <user-name>] [*last-minutes* <NUMBER>] [*last-hours* <NUMBER>] [*last-days* <NUMBER>] [*start-time* <YYYY-MM-DDTHR:MIN:SEC>] [*end-time* <YYYY-MM-DDTHR:MIN:SEC>] [*detail*] tenant **WORD** vrf **WORD** external-l3 eigrp

**Description:** Show external l3 EIGRP

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the VRF to filter on (Max Size 64)

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show audits [id <log-id>] [action <action-type>] [user <user-name>] [last-minutes <NUMBER>]
[last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
<YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD vrf WORD external-l3 eigrp
```

## show audits tenant vrf external-l3 eigrp detail

**show audits** [id <log-id>] [action <action-type>] [user <user-name>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD vrf WORD external-l3 eigrp detail

**Description:** Show interanl details

### Syntax:

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the VRF to filter on (Max Size 64)

**Command Mode:** exec : Exec Mode

### Command Path:

```
# show audits [id <log-id>] [action <action-type>] [user <user-name>] [last-minutes <NUMBER>]
[last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
<YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD vrf WORD external-l3 eigrp detail
```



## show audits tenant vrf external-l3 epg

**show audits** [*id* <log-id>] [*action* <action-type>] [*user* <user-name>] [*last-minutes* <NUMBER>] [*last-hours* <NUMBER>] [*last-days* <NUMBER>] [*start-time* <YYYY-MM-DDTHR:MIN:SEC>] [*end-time* <YYYY-MM-DDTHR:MIN:SEC>] [*detail*] **tenant** *WORD* **vrf** *WORD* **external-l3** **epg** <epgName>

**Description:** Show command for external-l3 epgs

### Syntax:

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the VRF to filter on (Max Size 64)
<epgName>	Name of the EPG to filter on

**Command Mode:** exec : Exec Mode

### Command Path:

```
# show audits [id <log-id>] [action <action-type>] [user <user-name>] [last-minutes <NUMBER>]
[last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
<YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD vrf WORD external-l3 epg <epgName>
```

## show audits tenant vrf external-l3 epg detail

**show audits** [id <log-id>] [action <action-type>] [user <user-name>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD vrf WORD external-l3 epg <epgName> detail

**Description:** external-l3 epg in detail with operational status

### Syntax:

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the VRF to filter on (Max Size 64)
<i>&lt;epgName&gt;</i>	Name of the EPG to filter on

**Command Mode:** exec : Exec Mode

### Command Path:

```
# show audits [id <log-id>] [action <action-type>] [user <user-name>] [last-minutes <NUMBER>]
[last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
<YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD vrf WORD external-l3 epg <epgName> detail
```

## show audits tenant vrf external-l3 epg name

**show audits** [id <log-id>] [action <action-type>] [user <user-name>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD vrf WORD external-l3 epg <epgName> name <epgName>

**Description:** EPG name to filter on

**Syntax:**

WORD	Name of the tenant to filter on (Max Size 63)
WORD	Name of the VRF to filter on (Max Size 64)
<epgName>	Name of the EPG to filter on
<epgName>	Name of the EPG to filter on

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show audits [id <log-id>] [action <action-type>] [user <user-name>] [last-minutes <NUMBER>]
  [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
  <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD vrf WORD external-l3 epg <epgName> name
  <epgName>
```

## show audits tenant vrf external-l3 epg name detail

```
show audits [id <log-id>] [action <action-type>] [user <user-name>] [last-minutes <NUMBER>] [last-hours
<NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
<YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD vrf WORD external-l3 epg <epgName> name <epgName>
detail
```

**Description:** external-l3 epg in detail with operational status

### Syntax:

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the VRF to filter on (Max Size 64)
<i>&lt;epgName&gt;</i>	Name of the EPG to filter on
<i>&lt;epgName&gt;</i>	Name of the EPG to filter on

**Command Mode:** exec : Exec Mode

### Command Path:

```
# show audits [id <log-id>] [action <action-type>] [user <user-name>] [last-minutes <NUMBER>]
[last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
<YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD vrf WORD external-l3 epg <epgName> name
<epgName> detail
```

## show audits tenant vrf external-l3 interfaces

**show audits** [*id* <log-id>] [*action* <action-type>] [*user* <user-name>] [*last-minutes* <NUMBER>] [*last-hours* <NUMBER>] [*last-days* <NUMBER>] [*start-time* <YYYY-MM-DDTHR:MIN:SEC>] [*end-time* <YYYY-MM-DDTHR:MIN:SEC>] [*detail*] tenant **WORD** vrf **WORD** external-l3 interfaces

**Description:** Show tenant <tenant> vrf <vrf> external l3 interfaces

### Syntax:

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the VRF to filter on (Max Size 64)

**Command Mode:** exec : Exec Mode

### Command Path:

```
# show audits [id <log-id>] [action <action-type>] [user <user-name>] [last-minutes <NUMBER>]
  [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
  <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD vrf WORD external-l3 interfaces
```

## show audits tenant vrf external-l3 interfaces detail

**show audits** [*id* <log-id>] [*action* <action-type>] [*user* <user-name>] [*last-minutes* <NUMBER>] [*last-hours* <NUMBER>] [*last-days* <NUMBER>] [*start-time* <YYYY-MM-DDTHR:MIN:SEC>] [*end-time* <YYYY-MM-DDTHR:MIN:SEC>] [*detail*] tenant *WORD* vrf *WORD* external-l3 interfaces detail

**Description:** Show interfaces details

### Syntax:

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the VRF to filter on (Max Size 64)

**Command Mode:** exec : Exec Mode

### Command Path:

```
# show audits [id <log-id>] [action <action-type>] [user <user-name>] [last-minutes <NUMBER>]
  [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
  <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD vrf WORD external-l3 interfaces detail
```

## show audits tenant vrf external-l3 ospf

**show audits** [*id* <log-id>] [*action* <action-type>] [*user* <user-name>] [*last-minutes* <NUMBER>] [*last-hours* <NUMBER>] [*last-days* <NUMBER>] [*start-time* <YYYY-MM-DDTHR:MIN:SEC>] [*end-time* <YYYY-MM-DDTHR:MIN:SEC>] [*detail*] tenant **WORD** vrf **WORD** external-l3 ospf

**Description:** Show command for IPv4 and IPv6 external l3 OSPF configuration

### Syntax:

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the VRF to filter on (Max Size 64)

**Command Mode:** exec : Exec Mode

### Command Path:

```
# show audits [id <log-id>] [action <action-type>] [user <user-name>] [last-minutes <NUMBER>]
[last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
<YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD vrf WORD external-l3 ospf
```

## show audits tenant vrf external-l3 ospf detail

**show audits** [id <log-id>] [action <action-type>] [user <user-name>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD vrf WORD external-l3 ospf detail

**Description:** Show internal details

### Syntax:

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the VRF to filter on (Max Size 64)

**Command Mode:** exec : Exec Mode

### Command Path:

```
# show audits [id <log-id>] [action <action-type>] [user <user-name>] [last-minutes <NUMBER>]
[last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
<YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD vrf WORD external-l3 ospf detail
```



## show audits tenant vrf external-l3 scale

**show audits** [*id* <log-id>] [*action* <action-type>] [*user* <user-name>] [*last-minutes* <NUMBER>] [*last-hours* <NUMBER>] [*last-days* <NUMBER>] [*start-time* <YYYY-MM-DDTHR:MIN:SEC>] [*end-time* <YYYY-MM-DDTHR:MIN:SEC>] [*detail*] tenant **WORD** vrf **WORD** external-l3 scale

**Description:** scale command

### Syntax:

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the VRF to filter on (Max Size 64)

**Command Mode:** exec : Exec Mode

### Command Path:

```
# show audits [id <log-id>] [action <action-type>] [user <user-name>] [last-minutes <NUMBER>]
[last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
<YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD vrf WORD external-l3 scale
```

## show audits tenant vrf external-l3 scale detail

**show audits** [id <log-id>] [action <action-type>] [user <user-name>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD vrf WORD external-l3 scale detail

**Description:** Show scale details

### Syntax:

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the VRF to filter on (Max Size 64)

**Command Mode:** exec : Exec Mode

### Command Path:

```
# show audits [id <log-id>] [action <action-type>] [user <user-name>] [last-minutes <NUMBER>]
[last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
<YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD vrf WORD external-l3 scale detail
```

## show audits tenant vrf external-l3 static-route

**show audits** [*id* <log-id>] [*action* <action-type>] [*user* <user-name>] [*last-minutes* <NUMBER>] [*last-hours* <NUMBER>] [*last-days* <NUMBER>] [*start-time* <YYYY-MM-DDTHR:MIN:SEC>] [*end-time* <YYYY-MM-DDTHR:MIN:SEC>] [*detail*] tenant **WORD** vrf **WORD** external-l3 static-route

**Description:** Show command for external-l3 static routes

### Syntax:

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the VRF to filter on (Max Size 64)

**Command Mode:** exec : Exec Mode

### Command Path:

```
# show audits [id <log-id>] [action <action-type>] [user <user-name>] [last-minutes <NUMBER>]
[last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
<YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD vrf WORD external-l3 static-route
```

## show audits tenant vrf external-l3 static-route detail

**show audits** [*id* <log-id>] [*action* <action-type>] [*user* <user-name>] [*last-minutes* <NUMBER>] [*last-hours* <NUMBER>] [*last-days* <NUMBER>] [*start-time* <YYYY-MM-DDTHR:MIN:SEC>] [*end-time* <YYYY-MM-DDTHR:MIN:SEC>] [*detail*] **tenant** *WORD* **vrf** *WORD* **external-l3 static-route detail**

**Description:** static-route in detail with operational status

### Syntax:

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the VRF to filter on (Max Size 64)

**Command Mode:** exec : Exec Mode

### Command Path:

```
# show audits [id <log-id>] [action <action-type>] [user <user-name>] [last-minutes <NUMBER>]
  [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
  <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD vrf WORD external-l3 static-route detail
```

## show audits tenant vrf external-l3 static-route node

```
show audits [id <log-id>] [action <action-type>] [user <user-name>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD vrf WORD external-l3 static-route node
```

**Description:** node to filter on

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the VRF to filter on (Max Size 64)
<i>arg</i>	Leaf Range or Leaf Name List

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show audits [id <log-id>] [action <action-type>] [user <user-name>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD vrf WORD external-l3 static-route node
```

## show audits tenant vrf external-l3 static-route node detail

**show audits** [id <log-id>] [action <action-type>] [user <user-name>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant **WORD** vrf **WORD** external-l3 static-route node detail

**Description:** static-route in detail with operational status

### Syntax:

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the VRF to filter on (Max Size 64)
<i>arg</i>	Leaf Range or Leaf Name List

**Command Mode:** exec : Exec Mode

### Command Path:

```
# show audits [id <log-id>] [action <action-type>] [user <user-name>] [last-minutes <NUMBER>]
[last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
<YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD vrf WORD external-l3 static-route node detail
```

# show audits tenant vrf multicast

**show audits** [*id* <log-id>] [*action* <action-type>] [*user* <user-name>] [*last-minutes* <NUMBER>] [*last-hours* <NUMBER>] [*last-days* <NUMBER>] [*start-time* <YYYY-MM-DDTHR:MIN:SEC>] [*end-time* <YYYY-MM-DDTHR:MIN:SEC>] [*detail*] tenant **WORD** vrf **WORD** multicast

**Description:** Show multicast configuration per VRF

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the VRF to filter on (Max Size 64)

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show audits [id <log-id>] [action <action-type>] [user <user-name>] [last-minutes <NUMBER>]
[last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
<YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD vrf WORD multicast
```

# show bridge-domain

**show bridge-domain WORD**

**Description:** Show Bridge-domain Information

**Syntax:**

<i>WORD</i>	Name of the bridge-domain (Max Size 64)
-------------	---

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show bridge-domain WORD
```



# show bridge-domain detail

**show bridge-domain WORD detail**

**Description:** Show Bridge-domain Detailed Information

**Syntax:**

<i>WORD</i>	Name of the bridge-domain (Max Size 64)
-------------	---

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show bridge-domain WORD detail
```

# show bridge-domain first-hop-security binding-table

**show bridge-domain WORD first-hop-security binding-table**

**Description:** Show Bridge-domain Binding Table Information

**Syntax:**

<i>WORD</i>	Name of the bridge-domain (Max Size 64)
-------------	---

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show bridge-domain WORD first-hop-security binding-table
```

# show bridge-domain first-hop-security statistics arp

**show bridge-domain WORD first-hop-security statistics arp**

**Description:** Show Bridge-domain First Hop Security ARP Statistics

**Syntax:**

<i>WORD</i>	Name of the bridge-domain (Max Size 64)
-------------	---

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show bridge-domain WORD first-hop-security statistics arp
```

# show bridge-domain first-hop-security statistics dhcpv4

**show bridge-domain WORD first-hop-security statistics dhcpv4**

**Description:** Show Bridge-domain First Hop Security DHCPv4 Statistics

**Syntax:**

<i>WORD</i>	Name of the bridge-domain (Max Size 64)
-------------	---

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show bridge-domain WORD first-hop-security statistics dhcpv4
```

# show bridge-domain first-hop-security statistics dhcpv6

**show bridge-domain WORD first-hop-security statistics dhcpv6**

**Description:** Show Bridge-domain First Hop Security DHCPv6 Statistics

**Syntax:**

<i>WORD</i>	Name of the bridge-domain (Max Size 64)
-------------	---

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show bridge-domain WORD first-hop-security statistics dhcpv6
```

# show bridge-domain first-hop-security statistics neighbor-discovery

**show bridge-domain WORD first-hop-security statistics neighbor-discovery**

**Description:** Show Bridge-domain First Hop Security Neighbor Discovery Statistics

**Syntax:**

<i>WORD</i>	Name of the bridge-domain (Max Size 64)
-------------	---

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show bridge-domain WORD first-hop-security statistics neighbor-discovery
```

# show callhome

**show callhome common**

**Description:** Show command for callhome

**Syntax:**

common	Common
--------	--------

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show callhome common
```

# show callhome common destination-profile

## show callhome common destination-profile

**Description:** Show command for callhome destination-profile

**Syntax:**

common	Common
--------	--------

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show callhome common destination-profile
```



# show callhome common query-profile

## show callhome common query-profile

**Description:** Show command for callhome destination-profile

**Syntax:**

common	Common
--------	--------

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show callhome common query-profile
```

# show callhome common transport-email

## show callhome common transport-email

**Description:** Show command for callhome transport-email

**Syntax:**

common	Common
--------	--------

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show callhome common transport-email
```

# show catalog

**show catalog**

**Description:** Show catalog information

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show catalog
```

# show cli command

**show cli command** <WORD> [mode <mode-name>]

**Description:** Show Commands Syntax

**Syntax:**

<i>WORD</i>	Command Name pattern between single quotes
<mode-name>	(Optional) Mode name pattern between single quotes
details	(Optional) Show Command Details

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show cli command <WORD> [mode <mode-name>]
```

# show cli list

**show cli list** [mode <mode-name>]

**Description:** Show all cli-related commands

**Syntax:**

<mode-name>	(Optional) Mode name pattern between single quotes
details	(Optional) Show Command Details

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show cli list [mode <mode-name>]
```

# show cli manpage

**show cli manpage** <WORD> [mode <mode-name>]

**Description:** Show Commands ManPage

**Syntax:**

<i>WORD</i>	Command Name pattern between single quotes
< <i>mode-name</i> >	(Optional) Mode name pattern between single quotes
details	(Optional) Show Command Details

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show cli manpage <WORD> [mode <mode-name>]
```

# show cli path

**show cli path** <WORD> [mode <mode-name>]

**Description:** Show Commands Path

**Syntax:**

<i>WORD</i>	Command Name pattern between single quotes
< <i>mode-name</i> >	(Optional) Mode name pattern between single quotes
details	(Optional) Show Command Details

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show cli path <WORD> [mode <mode-name>]
```

# show clock

**show clock**

**Description:** Show clock information

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show clock
```



# show cloudave

**show cloudave**

**Description:** Show cloud AVE information

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show cloudave
```

# show cloudsec summary

**show cloudsec summary**

**Description:** Show brief summary of cloudsec policies

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show cloudsec summary
```

# show communication ciphers

**show communication ciphers**

**Description:** HTTPS service cipher suite listings

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show communication ciphers
```

# show communication controller

## show communication controller node-id

**Description:** Show command for nginx web-requests

**Syntax:**

<i>node-id</i>	node-id
----------------	---------

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show communication controller node-id
```

# show communication http

**show communication http**

**Description:** HTTP service settings

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show communication http
```

# show communication https

**show communication https**

**Description:** HTTPS service settings

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show communication https
```

# show communication shellinabox

**show communication shellinabox**

**Description:** Shellinabox service settings

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show communication shellinabox
```

# show communication ssh-service

**show communication ssh-service**

**Description:** SSH service settings

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show communication ssh-service
```



# show communication telnet

**show communication telnet**

**Description:** Telnet service settings

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show communication telnet
```

# show communication web-requests

**show communication web-requests**

**Description:** Status of last web requests

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show communication web-requests
```

# show contract-type

**show contract-type WORD**

**Description:** Show Contracts Information Based on Type

**Syntax:**

<i>WORD</i>	whitelist (permit) or blacklist(deny) or oob-mgmt type of contract
-------------	--

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show contract-type WORD
```

# show contract

**show contract WORD**

**Description:** Show Contracts Information

**Syntax:**

<i>WORD</i>	Name of the Contract to filter on (Max Size 64)
-------------	---

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show contract WORD
```

# show controller

**show controller**

**Description:** Show controller information

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show controller
```

# show controller detail

**show controller detail** [id <node-id>]

**Description:** Detailed controller information

**Syntax:**

<i>node-id</i>	(Optional) Optional Serial number
----------------	-----------------------------------

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show controller detail [id <node-id>]
```

# show cores

**show cores**

**Description:** Show all core dumps

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show cores
```

# show cores status

**show cores status**

**Description:** Show exported core status

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show cores status
```



# show debug counter

**show debug <node-name> <process> counter <counterTopics>**

**Description:** Show Counter information

**Syntax:**

<i>&lt;node-name&gt;</i>	Node name
<i>&lt;process&gt;</i>	Process name
<i>&lt;counterTopics&gt;</i>	Counter Topics

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show debug <node-name> <process> counter <counterTopics>
```

# show debug log

**show debug <node-name> <process> log**

**Description:** Show log level information

**Syntax:**

<i>&lt;node-name&gt;</i>	Node name
<i>&lt;process&gt;</i>	Process name

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show debug <node-name> <process> log
```

# show deployment endpoint node

**show deployment endpoint node** <WORD>

**Description:** Node id

**Syntax:**

<i>WORD</i>	Leaf Number (Max Size 4000). Number range from=0 to=9223372036854775807
-------------	---

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show deployment endpoint node <WORD>
```

# show dns-address

**show dns-address**

**Description:** Show dns address information

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show dns-address
```

# show dns-domain

**show dns-domain**

**Description:** Show dns domain information

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show dns-domain
```

# show dot1q-tunnel

**show dot1q-tunnel WORD**

**Description:** Show Dot1q-tunnel Information

**Syntax:**

<i>WORD</i>	Name of the AEPG to filter on (Max Size 64)
-------------	---

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show dot1q-tunnel WORD
```

# show dwdm interface

**show dwdm interface switch <101-4000>**

**Description:** interface

**Syntax:**

switch	switch
<101-4000>	switch ID

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show dwdm interface switch <101-4000>
```

# show endpoints

**show endpoints** [*type* <type>] [*mac* <E.E.E EE-EE-EE-EE-EE-EE EE:EE:EE:EE:EE:EE EEEE.EEEE.EEEE >] [*vlan* <NUMBER>] [*ip* <A.B.C.D>] [*ipv6* <A:B::C:D>]

**Description:** Show IP endpoints

**Syntax:**

<i>type</i>	(Optional) Endpoint Type
<i>E.E.E EE-EE-EE-EE-EE-EE EE:EE:EE:EE:EE:EE EEEE.EEEE.EEEE</i>	(Optional) MAC address (Option 1) MAC address (Option 2) MAC address (Option 3) MAC address (Option 4)
<1-4094>	(Optional) Encapsulation Vlan. Number range from=1 to=4094
<i>A.B.C.D</i>	(Optional) IP Unicast address in format i.i.i.i
<i>A:B::C:D</i>	(Optional) IPv6 address in format xxxx:xxxx, xxxx::xx

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show endpoints [type <type>] [mac <E.E.E EE-EE-EE-EE-EE-EE EE:EE:EE:EE:EE:EE EEEE.EEEE.EEEE >] [vlan <NUMBER>] [ip <A.B.C.D>] [ipv6 <A:B::C:D>]
```



## show endpoints leaf interface ethernet

**show endpoints** [*type* <type>] [*mac* <E.E.E EE-EE-EE-EE-EE-EE EE:EE:EE:EE:EE:EE EEEE.EEEE.EEEE >] [*vlan* <NUMBER>] [*ip* <A.B.C.D>] [*ipv6* <A:B::C:D>] *leaf* <WORD> *interface ethernet ethernet* [<fex>/<slot>/<port>

**Description:** Show IP endpoints on an interface ethernet

**Syntax:**

<i>type</i>	(Optional) Endpoint Type
<i>E.E.E EE-EE-EE-EE-EE-EE EE:EE:EE:EE:EE:EE EEEE.EEEE.EEEE</i>	(Optional) MAC address (Option 1) MAC address (Option 2) MAC address (Option 3) MAC address (Option 4)
<1-4094>	(Optional) Encapsulation Vlan. Number range from=1 to=4094
<i>A.B.C.D</i>	(Optional) IP Unicast address in format i.i.i.i
<i>A:B::C:D</i>	(Optional) IPv6 address in format xxxx:xxxx, xxxx::xx
<i>WORD</i>	Leaf Number (Max Size 4000). Number range from=0 to=9223372036854775807
<i>ethernet</i> [<fex>/<slot>/<port>	Ethernet Range

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show endpoints [type <type>] [mac <E.E.E EE-EE-EE-EE-EE-EE EE:EE:EE:EE:EE:EE EEEE.EEEE.EEEE >] [vlan <NUMBER>] [ip <A.B.C.D>] [ipv6 <A:B::C:D>] leaf <WORD> interface ethernet ethernet [<fex>/<slot>/<port>
```

# show endpoints leaf interface port-channel

**show endpoints** [*type* <type>] [*mac* <E.E.E EE-EE-EE-EE-EE-EE EE:EE:EE:EE:EE:EE EEEE.EEEE.EEEE >] [*vlan* <NUMBER>] [*ip* <A.B.C.D>] [*ipv6* <A:B::C:D>] *leaf* <WORD> *interface port-channel* <WORD> [*fex* <NUMBER>]

**Description:** Show IP endpoints on an interface port-channel

## Syntax:

<i>type</i>	(Optional) Endpoint Type
<i>E.E.E EE-EE-EE-EE-EE-EE EE:EE:EE:EE:EE:EE EEEE.EEEE.EEEE</i>	(Optional) MAC address (Option 1) MAC address (Option 2) MAC address (Option 3) MAC address (Option 4)
<1-4094>	(Optional) Encapsulation Vlan. Number range from=1 to=4094
<i>A.B.C.D</i>	(Optional) IP Unicast address in format i.i.i.i
<i>A:B::C:D</i>	(Optional) IPv6 address in format xxxx:xxxx, xxxx::xx
<i>WORD</i>	Leaf Number (Max Size 4000). Number range from=0 to=9223372036854775807
<i>WORD</i>	Port Channel Name (Max Size 64)
<101-199>	(Optional) Fex Id. Number range from=101 to=199

**Command Mode:** exec : Exec Mode

## Command Path:

```
# show endpoints [type <type>] [mac <E.E.E EE-EE-EE-EE-EE-EE EE:EE:EE:EE:EE:EE EEEE.EEEE.EEEE >] [vlan <NUMBER>] [ip <A.B.C.D>] [ipv6 <A:B::C:D>] leaf <WORD> interface port-channel <WORD> [fex <NUMBER>]
```

# show endpoints vpc

**show endpoints** [*type* <type>] [*mac* <E.E.E EE-EE-EE-EE-EE-EE EE:EE:EE:EE:EE:EE EEEE.EEEE.EEEE >] [*vlan* <NUMBER>] [*ip* <A.B.C.D>] [*ipv6* <A:B::C:D>] **vpc context** <WORD> <WORD> **interface vpc** <WORD> [*fex* <fex>]

**Description:** Show IP endpoints on vpc

## Syntax:

<i>type</i>	(Optional) Endpoint Type
<i>E.E.E EE-EE-EE-EE-EE-EE EE:EE:EE:EE:EE:EE EEEE.EEEE.EEEE</i>	(Optional) MAC address (Option 1) MAC address (Option 2) MAC address (Option 3) MAC address (Option 4)
<1-4094>	(Optional) Encapsulation Vlan. Number range from=1 to=4094
<i>A.B.C.D</i>	(Optional) IP Unicast address in format i.i.i.i
<i>A:B::C:D</i>	(Optional) IPv6 address in format xxxx:xxxx, xxxx::xx
context	VPC Context
<i>WORD</i>	First VPC leaf (Max Size 4000). Number range from=0 to=9223372036854775807
<i>WORD</i>	Second VPC leaf (Max Size 4000). Number range from=0 to=9223372036854775807
interface	VPC Interface name
vpc	VPC Interface name
<i>WORD</i>	VPC Name (Max Size 64)
<i>fex</i>	(Optional) Fex Id. Number range from=101 to=199

**Command Mode:** exec : Exec Mode

## Command Path:

```
# show endpoints [type <type>] [mac <E.E.E EE-EE-EE-EE-EE-EE EE:EE:EE:EE:EE:EE EEEE.EEEE.EEEE >] [vlan <NUMBER>] [ip <A.B.C.D>] [ipv6 <A:B::C:D>] vpc context <WORD> <WORD> interface vpc <WORD> [fex <fex>]
```

# show epq

**show epq WORD**

**Description:** Show Application EPG Information

**Syntax:**

<i>WORD</i>	Name of the AEPG to filter on (Max Size 64)
-------------	---

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show epq WORD
```

# show epg detail

**show epg WORD detail**

**Description:** Show detailed view of Application EPg

**Syntax:**

<i>WORD</i>	Name of the AEPG to filter on (Max Size 64)
-------------	---

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show epg WORD detail
```

# show events

**show events** [*code* <event-code>] [*id* <event-ID>] [*cause* <event-value>] [*last-minutes* <NUMBER>] [*last-hours* <NUMBER>] [*last-days* <NUMBER>] [*start-time* start-time <YYYY-MM-DDTHR:MIN:SEC>] [*end-time* end-time <YYYY-MM-DDTHR:MIN:SEC>] [*detail*] <scope>

**Description:** Show event information

## Syntax:

<event-code>	(Optional) Event code
<event-ID>	(Optional) Event ID
<event-value>	(Optional) Cause
<i>last-minutes</i> <num-minutes>	(Optional) Event activity in time interval. Number range from=1 to=59
<i>last-hours</i> <num-hours>	(Optional) Event activity in time interval. Number range from=1 to=23
<i>last-days</i> <num-days>	(Optional) Event activity in time interval. Number range from=1 to=999
<i>start-time</i> <YYYY-MM-DDTHR:MIN:SEC>	(Optional) Event activity in time interval
<i>end-time</i> <YYYY-MM-DDTHR:MIN:SEC>	(Optional) Event activity in time interval
detail	(Optional) Detailed event information
<scope>	command scope

**Command Mode:** exec : Exec Mode

## Command Path:

```
# show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes
<NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] <scope>
```

## show events controller

```
show events [code <event-code>][id <event-ID>][cause <event-value>][last-minutes <NUMBER>][last-hours <NUMBER>][last-days <NUMBER>][start-time <YYYY-MM-DDTHR:MIN:SEC>][end-time <YYYY-MM-DDTHR:MIN:SEC>][detail] controller
```

**Description:** Show controller information

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] controller
```

# show events controller detail

**show events** [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] controller detail [id <node-id>]

**Description:** Detailed controller information

**Syntax:**

<i>node-id</i>	(Optional) Optional Serial number
----------------	-----------------------------------

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes
<NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>]
[end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] controller detail [id <node-id>]
```



# show events leaf

**show events** [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] leaf <leafId>

**Description:** Show command for leaf

**Syntax:**

<leafId>	Leaf id
----------	---------

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes  
<NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>]  
[end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] leaf <leafId>
```

# show events leaf fex

**show events** [**code** <event-code>] [**id** <event-ID>] [**cause** <event-value>] [**last-minutes** <NUMBER>] [**last-hours** <NUMBER>] [**last-days** <NUMBER>] [**start-time** <YYYY-MM-DDTHR:MIN:SEC>] [**end-time** <YYYY-MM-DDTHR:MIN:SEC>] [**detail**] **leaf** <leafId> **fex** <fexNum>

**Description:** Show extended chassis information

## Syntax:

<leafId>	Leaf id
<fexNum>	pls enter fex number

**Command Mode:** exec : Exec Mode

## Command Path:

```
# show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes
<NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>]
[end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] leaf <leafId> fex <fexNum>
```

# show events leaf fex module

**show events** [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] leaf <leafId> fex <fexNum> module <lcSlot>

**Description:** Show inventory module information

**Syntax:**

<leafId>	Leaf id
<fexNum>	pls enter fex number
<lcSlot>	please enter the module number

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes
<NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>]
[end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] leaf <leafId> fex <fexNum> module <lcSlot>
```

## show events leaf interface ethernet

**show events** [**code** <event-code>] [**id** <event-ID>] [**cause** <event-value>] [**last-minutes** <NUMBER>] [**last-hours** <NUMBER>] [**last-days** <NUMBER>] [**start-time** <YYYY-MM-DDTHR:MIN:SEC>] [**end-time** <YYYY-MM-DDTHR:MIN:SEC>] [**detail**] **leaf** <leafId> **interface ethernet** <phyInt>

**Description:** Ethernet IEEE 802.3z

### Syntax:

<leafId>	Leaf id
<phyInt>	<slot or chassis-number/port or slot number>

**Command Mode:** exec : Exec Mode

### Command Path:

```
# show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes
<NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>]
[end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] leaf <leafId> interface ethernet <phyInt>
```

# show events leaf interface fc

**show events** [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] leaf <leafId> interface fc <phyInt>

**Description:** Fibre Channel Protocol

**Syntax:**

<leafId>	Leaf id
<phyInt>	<slot or chassis-number/port or slot number>

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes
<NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>]
[end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] leaf <leafId> interface fc <phyInt>
```

# show events leaf interface fcportchannel

**show events** [`code <event-code>`] [`id <event-ID>`] [`cause <event-value>`] [`last-minutes <NUMBER>`] [`last-hours <NUMBER>`] [`last-days <NUMBER>`] [`start-time <YYYY-MM-DDTHR:MIN:SEC>`] [`end-time <YYYY-MM-DDTHR:MIN:SEC>`] [`detail`] leaf <leafId> interface fcportchannel <portChan>

**Description:** FC Port channel interface

## Syntax:

<leafId>	Leaf id
<portChan>	<Port channel number>

**Command Mode:** exec : Exec Mode

## Command Path:

```
# show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes
<NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>]
[end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] leaf <leafId> interface fcportchannel <portChan>
```

## show events leaf interface l3instance

```
show events [code <event-code>][id <event-ID>][cause <event-value>][last-minutes <NUMBER>][last-hours
<NUMBER>][last-days <NUMBER>][start-time <YYYY-MM-DDTHR:MIN:SEC>][end-time
<YYYY-MM-DDTHR:MIN:SEC>][detail] leaf <leafId> interface l3instance <l3Inst>
```

**Description:** L3 instance

**Syntax:**

<leafId>	Leaf id
<l3Inst>	<L3 instance number>

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes
<NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>]
[end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] leaf <leafId> interface l3instance <l3Inst>
```

## show events leaf interface mgmt

**show events** [**code** <event-code>] [**id** <event-ID>] [**cause** <event-value>] [**last-minutes** <NUMBER>] [**last-hours** <NUMBER>] [**last-days** <NUMBER>] [**start-time** <YYYY-MM-DDTHR:MIN:SEC>] [**end-time** <YYYY-MM-DDTHR:MIN:SEC>] [**detail**] **leaf** <leafId> **interface mgmt** <mgmtPort>

**Description:** Management interface

### Syntax:

<leafId>	Leaf id
<mgmtPort>	<Management interface number>

**Command Mode:** exec : Exec Mode

### Command Path:

```
# show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes
<NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>]
[end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] leaf <leafId> interface mgmt <mgmtPort>
```



# show events leaf interface portchannel

```
show events [code <event-code>][id <event-ID>][cause <event-value>][last-minutes <NUMBER>][last-hours <NUMBER>][last-days <NUMBER>][start-time <YYYY-MM-DDTHR:MIN:SEC>][end-time <YYYY-MM-DDTHR:MIN:SEC>][detail] leaf <leafId> interface portchannel <portChan>
```

**Description:** Port channel interface

**Syntax:**

<i>&lt;leafId&gt;</i>	Leaf id
<i>&lt;portChan&gt;</i>	<Port channel number>

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] leaf <leafId> interface portchannel <portChan>
```

# show events leaf interface tunnel

**show events** [**code** <event-code>] [**id** <event-ID>] [**cause** <event-value>] [**last-minutes** <NUMBER>] [**last-hours** <NUMBER>] [**last-days** <NUMBER>] [**start-time** <YYYY-MM-DDTHR:MIN:SEC>] [**end-time** <YYYY-MM-DDTHR:MIN:SEC>] [**detail**] **leaf** <leafId> **interface tunnel** <tunnelPort>

**Description:** Tunnel Interface

## Syntax:

<leafId>	Leaf id
<tunnelPort>	<Tunnel interface number>

**Command Mode:** exec : Exec Mode

## Command Path:

```
# show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes
<NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>]
[end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] leaf <leafId> interface tunnel <tunnelPort>
```

## show events leaf interface vethernet

```
show events [code <event-code>][id <event-ID>][cause <event-value>][last-minutes <NUMBER>][last-hours <NUMBER>][last-days <NUMBER>][start-time <YYYY-MM-DDTHR:MIN:SEC>][end-time <YYYY-MM-DDTHR:MIN:SEC>][detail] leaf <leafId> interface vethernet <phyInt>
```

**Description:** vethernet ID

**Syntax:**

<i>&lt;leafId&gt;</i>	Leaf id
<i>&lt;phyInt&gt;</i>	<slot or chassis-number/port or slot number>

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] leaf <leafId> interface vethernet <phyInt>
```

# show events leaf inventory chassis

**show events** [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] leaf <leafId> inventory chassis

**Description:** Show inventory chassis information

## Syntax:

<leafId>	Leaf id
----------	---------

**Command Mode:** exec : Exec Mode

## Command Path:

```
# show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes
<NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>]
[end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] leaf <leafId> inventory chassis
```

# show events leaf inventory fans

**show events** [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] leaf <leafId> inventory fans <ftSlot>

**Description:** Show inventory fan information

**Syntax:**

<leafId>	Leaf id
<ftSlot>	pls enter fan tray number

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes
<NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>]
[end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] leaf <leafId> inventory fans <ftSlot>
```

## show events leaf inventory module

**show events** [**code** <event-code>] [**id** <event-ID>] [**cause** <event-value>] [**last-minutes** <NUMBER>] [**last-hours** <NUMBER>] [**last-days** <NUMBER>] [**start-time** <YYYY-MM-DDTHR:MIN:SEC>] [**end-time** <YYYY-MM-DDTHR:MIN:SEC>] [**detail**] **leaf** <leafId> **inventory module** <lcSlot>

**Description:** Show inventory module information

### Syntax:

<leafId>	Leaf id
<lcSlot>	please enter the module number

**Command Mode:** exec : Exec Mode

### Command Path:

```
# show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes
<NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>]
[end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] leaf <leafId> inventory module <lcSlot>
```

## show events leaf inventory module fabricport

**show events** [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] leaf <leafId> inventory module <lcSlot> fabricport <fabPort>

**Description:** Show information for fabric port

### Syntax:

<leafId>	Leaf id
<lcSlot>	please enter the module number
<fabPort>	pls enter the fabric port number

**Command Mode:** exec : Exec Mode

### Command Path:

```
# show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes
<NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>]
[end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] leaf <leafId> inventory module <lcSlot> fabricport
<fabPort>
```

## show events leaf inventory module leafport

**show events** [**code** <event-code>] [**id** <event-ID>] [**cause** <event-value>] [**last-minutes** <NUMBER>] [**last-hours** <NUMBER>] [**last-days** <NUMBER>] [**start-time** <YYYY-MM-DDTHR:MIN:SEC>] [**end-time** <YYYY-MM-DDTHR:MIN:SEC>] [**detail**] **leaf** <leafId> **inventory module** <lcSlot> **leafport** <leafPort>

**Description:** Show information for leaf port

### Syntax:

<leafId>	Leaf id
<lcSlot>	please enter the module number
<leafPort>	pls enter the leaf port number

**Command Mode:** exec : Exec Mode

### Command Path:

```
# show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes
<NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>]
[end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] leaf <leafId> inventory module <lcSlot> leafport
<leafPort>
```



# show events leaf inventory powersupply

**show events** [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] leaf <leafId> inventory powersupply <psuSlot>

**Description:** Show inventory power supply information

**Syntax:**

<leafId>	Leaf id
<psuSlot>	pls enter the powersupply number

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes
<NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>]
[end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] leaf <leafId> inventory powersupply <psuSlot>
```

# show events leaf inventory supervisor

**show events** [**code** <event-code>] [**id** <event-ID>] [**cause** <event-value>] [**last-minutes** <NUMBER>] [**last-hours** <NUMBER>] [**last-days** <NUMBER>] [**start-time** <YYYY-MM-DDTHR:MIN:SEC>] [**end-time** <YYYY-MM-DDTHR:MIN:SEC>] [**detail**] **leaf** <leafId> **inventory supervisor** <supMod>

**Description:** Show information for supervisor module

## Syntax:

<leafId>	Leaf id
<supMod>	pls enter the supervisor module number

**Command Mode:** exec : Exec Mode

## Command Path:

```
# show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes
<NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>]
[end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] leaf <leafId> inventory supervisor <supMod>
```

# show events leaf protocol

```
show events [code <event-code>][id <event-ID>][cause <event-value>][last-minutes <NUMBER>][last-hours <NUMBER>][last-days <NUMBER>][start-time <YYYY-MM-DDTHR:MIN:SEC>][end-time <YYYY-MM-DDTHR:MIN:SEC>][detail] leaf <leafId> protocol <protName>
```

**Description:** Show command for protocol

**Syntax:**

<leafId>	Leaf id
<protName>	Protocol name

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] leaf <leafId> protocol <protName>
```

# show events leaf vpc

**show events** [**code** <event-code>] [**id** <event-ID>] [**cause** <event-value>] [**last-minutes** <NUMBER>] [**last-hours** <NUMBER>] [**last-days** <NUMBER>] [**start-time** <YYYY-MM-DDTHR:MIN:SEC>] [**end-time** <YYYY-MM-DDTHR:MIN:SEC>] [**detail**] **leaf** <leafId> **vpc** <vpcPort>

**Description:** Virtual port channel information

## Syntax:

<leafId>	Leaf id
<vpcPort>	pls enter virtual port channel number

**Command Mode:** exec : Exec Mode

## Command Path:

```
# show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes
<NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>]
[end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] leaf <leafId> vpc <vpcPort>
```

## show events leaf vrf

**show events** [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] leaf <leafId> vrf <vrfPort>

**Description:** Vrf information

**Syntax:**

<leafId>	Leaf id
<vrfPort>	pls enter vrf name

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes
<NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>]
[end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] leaf <leafId> vrf <vrfPort>
```

# show events spine

**show events** [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] spine <leafId>

**Description:** Show command for spine

**Syntax:**

<leafId>	Leaf id
----------	---------

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes
<NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>]
[end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] spine <leafId>
```

## show events spine interface ethernet

```
show events [code <event-code>][id <event-ID>][cause <event-value>][last-minutes <NUMBER>][last-hours <NUMBER>][last-days <NUMBER>][start-time <YYYY-MM-DDTHR:MIN:SEC>][end-time <YYYY-MM-DDTHR:MIN:SEC>][detail] spine <leafId> interface ethernet <phyInt>
```

**Description:** Ethernet IEEE 802.3z

**Syntax:**

<i>&lt;leafId&gt;</i>	Leaf id
<i>&lt;phyInt&gt;</i>	<slot or chassis-number/port or slot number>

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] spine <leafId> interface ethernet <phyInt>
```

## show events spine interface l3instance

**show events** [**code** <event-code>] [**id** <event-ID>] [**cause** <event-value>] [**last-minutes** <NUMBER>] [**last-hours** <NUMBER>] [**last-days** <NUMBER>] [**start-time** <YYYY-MM-DDTHR:MIN:SEC>] [**end-time** <YYYY-MM-DDTHR:MIN:SEC>] [**detail**] spine <leafId> interface l3instance <l3Inst>

**Description:** L3 instance

### Syntax:

<leafId>	Leaf id
<l3Inst>	<L3 instance number>

**Command Mode:** exec : Exec Mode

### Command Path:

```
# show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes
<NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>]
[end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] spine <leafId> interface l3instance <l3Inst>
```



# show events spine interface mgmt

```
show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] spine <leafId> interface mgmt <mgmtPort>
```

**Description:** Management interface

**Syntax:**

<leafId>	Leaf id
<mgmtPort>	<Management interface number>

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] spine <leafId> interface mgmt <mgmtPort>
```

# show events spine interface tunnel

**show events** [**code** <event-code>] [**id** <event-ID>] [**cause** <event-value>] [**last-minutes** <NUMBER>] [**last-hours** <NUMBER>] [**last-days** <NUMBER>] [**start-time** <YYYY-MM-DDTHR:MIN:SEC>] [**end-time** <YYYY-MM-DDTHR:MIN:SEC>] [**detail**] spine <leafId> interface tunnel <tunnelPort>

**Description:** Tunnel Interface

## Syntax:

<leafId>	Leaf id
<tunnelPort>	<Tunnel interface number>

**Command Mode:** exec : Exec Mode

## Command Path:

```
# show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes
<NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>]
[end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] spine <leafId> interface tunnel <tunnelPort>
```

# show events spine inventory chassis

```
show events [code <event-code>][id <event-ID>][cause <event-value>][last-minutes <NUMBER>][last-hours <NUMBER>][last-days <NUMBER>][start-time <YYYY-MM-DDTHR:MIN:SEC>][end-time <YYYY-MM-DDTHR:MIN:SEC>][detail] spine <leafId> inventory chassis
```

**Description:** Show inventory chassis information

**Syntax:**

<i>&lt;leafId&gt;</i>	Leaf id
-----------------------	---------

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] spine <leafId> inventory chassis
```

# show events spine inventory fabric

**show events** [**code** <event-code>] [**id** <event-ID>] [**cause** <event-value>] [**last-minutes** <NUMBER>] [**last-hours** <NUMBER>] [**last-days** <NUMBER>] [**start-time** <YYYY-MM-DDTHR:MIN:SEC>] [**end-time** <YYYY-MM-DDTHR:MIN:SEC>] [**detail**] spine <leafId> inventory fabric <fcMod>

**Description:** Show information for fabric module

## Syntax:

<leafId>	Leaf id
<fcMod>	pls enter the fabric module number

**Command Mode:** exec : Exec Mode

## Command Path:

```
# show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes
<NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>]
[end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] spine <leafId> inventory fabric <fcMod>
```

# show events spine inventory fans

**show events** [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] spine <leafId> inventory fans <ftSlot>

**Description:** Show inventory fan information

**Syntax:**

<leafId>	Leaf id
<ftSlot>	pls enter fan tray number

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes
<NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>]
[end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] spine <leafId> inventory fans <ftSlot>
```

## show events spine inventory module

**show events** [**code** <event-code>] [**id** <event-ID>] [**cause** <event-value>] [**last-minutes** <NUMBER>] [**last-hours** <NUMBER>] [**last-days** <NUMBER>] [**start-time** <YYYY-MM-DDTHR:MIN:SEC>] [**end-time** <YYYY-MM-DDTHR:MIN:SEC>] [**detail**] spine <leafId> inventory module <lcSlot>

**Description:** Show inventory module information

### Syntax:

<leafId>	Leaf id
<lcSlot>	please enter the module number

**Command Mode:** exec : Exec Mode

### Command Path:

```
# show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes
<NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>]
[end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] spine <leafId> inventory module <lcSlot>
```

# show events spine inventory module fabricport

**show events** [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] spine <leafId> inventory module <lcSlot> fabricport <fabPort>

**Description:** Show information for fabric port

**Syntax:**

<leafId>	Leaf id
<lcSlot>	please enter the module number
<fabPort>	pls enter the fabric port number

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes
<NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>]
[end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] spine <leafId> inventory module <lcSlot>
fabricport <fabPort>
```

## show events spine inventory powersupply

**show events** [**code** <event-code>] [**id** <event-ID>] [**cause** <event-value>] [**last-minutes** <NUMBER>] [**last-hours** <NUMBER>] [**last-days** <NUMBER>] [**start-time** <YYYY-MM-DDTHR:MIN:SEC>] [**end-time** <YYYY-MM-DDTHR:MIN:SEC>] [**detail**] **spine** <leafId> **inventory powersupply** <psuSlot>

**Description:** Show inventory power supply information

### Syntax:

<leafId>	Leaf id
<psuSlot>	pls enter the powersupply number

**Command Mode:** exec : Exec Mode

### Command Path:

```
# show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes
<NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>]
[end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] spine <leafId> inventory powersupply <psuSlot>
```



# show events spine inventory supervisor

```
show events [code <event-code>][id <event-ID>][cause <event-value>][last-minutes <NUMBER>][last-hours <NUMBER>][last-days <NUMBER>][start-time <YYYY-MM-DDTHR:MIN:SEC>][end-time <YYYY-MM-DDTHR:MIN:SEC>][detail] spine <leafId> inventory supervisor <supMod>
```

**Description:** Show information for supervisor module

**Syntax:**

<i>&lt;leafId&gt;</i>	Leaf id
<i>&lt;supMod&gt;</i>	pls enter the supervisor module number

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] spine <leafId> inventory supervisor <supMod>
```

## show events spine inventory system

**show events** [**code** <event-code>] [**id** <event-ID>] [**cause** <event-value>] [**last-minutes** <NUMBER>] [**last-hours** <NUMBER>] [**last-days** <NUMBER>] [**start-time** <YYYY-MM-DDTHR:MIN:SEC>] [**end-time** <YYYY-MM-DDTHR:MIN:SEC>] [**detail**] spine <leafId> inventory system <sysMod>

**Description:** Show information for system module

### Syntax:

<leafId>	Leaf id
<sysMod>	pls enter the system module number

**Command Mode:** exec : Exec Mode

### Command Path:

```
# show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes
<NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>]
[end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] spine <leafId> inventory system <sysMod>
```

# show events spine protocol

```
show events [code <event-code>][id <event-ID>][cause <event-value>][last-minutes <NUMBER>][last-hours <NUMBER>][last-days <NUMBER>][start-time <YYYY-MM-DDTHR:MIN:SEC>][end-time <YYYY-MM-DDTHR:MIN:SEC>][detail] spine <leafId> protocol <protName>
```

**Description:** Show command for protocol

**Syntax:**

<i>&lt;leafId&gt;</i>	Leaf id
<i>&lt;protName&gt;</i>	Protocol name

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] spine <leafId> protocol <protName>
```

# show events spine vrf

**show events** [**code** <event-code>] [**id** <event-ID>] [**cause** <event-value>] [**last-minutes** <NUMBER>] [**last-hours** <NUMBER>] [**last-days** <NUMBER>] [**start-time** <YYYY-MM-DDTHR:MIN:SEC>] [**end-time** <YYYY-MM-DDTHR:MIN:SEC>] [**detail**] spine <leafId> vrf <vrfPort>

**Description:** Vrf information

## Syntax:

<leafId>	Leaf id
<vrfPort>	pls enter vrf name

**Command Mode:** exec : Exec Mode

## Command Path:

```
# show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes
<NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>]
[end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] spine <leafId> vrf <vrfPort>
```

# show events tenant

**show events** [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant **WORD**

**Description:** Show Tenants Information

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
-------------	---

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes  
<NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>]  
[end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD
```

## show events tenant application

**show events** [**code** <event-code>] [**id** <event-ID>] [**cause** <event-value>] [**last-minutes** <NUMBER>] [**last-hours** <NUMBER>] [**last-days** <NUMBER>] [**start-time** <YYYY-MM-DDTHR:MIN:SEC>] [**end-time** <YYYY-MM-DDTHR:MIN:SEC>] [**detail**] **tenant** **WORD** **application** **WORD**

**Description:** Show Application Profiles Information

### Syntax:

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the application we eventually want to filter on (Max Size 64)

**Command Mode:** exec : Exec Mode

### Command Path:

```
# show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes
<NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>]
[end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD application WORD
```

# show events tenant application epg

**show events** [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant **WORD** application **WORD** epg **WORD**

**Description:** Show Application EPG Information

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the application we eventually want to filter on (Max Size 64)
<i>WORD</i>	Name of the AEPG to filter on (Max Size 64)

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes
<NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>]
[end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD application WORD epg WORD
```

## show events tenant bridge-domain

**show events** [**code** <event-code>] [**id** <event-ID>] [**cause** <event-value>] [**last-minutes** <NUMBER>] [**last-hours** <NUMBER>] [**last-days** <NUMBER>] [**start-time** <YYYY-MM-DDTHR:MIN:SEC>] [**end-time** <YYYY-MM-DDTHR:MIN:SEC>] [**detail**] **tenant** **WORD** **bridge-domain** **WORD**

**Description:** Show Bridge-domain Information

### Syntax:

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the bridge-domain (Max Size 64)

**Command Mode:** exec : Exec Mode

### Command Path:

```
# show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes
<NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>]
[end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD bridge-domain WORD
```



# show events tenant bridge-domain detail

**show events** [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant **WORD** bridge-domain **WORD** detail

**Description:** Show Bridge-domain Detailed Information

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the bridge-domain (Max Size 64)

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes
<NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>]
[end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD bridge-domain WORD detail
```

## show events tenant bridge-domain first-hop-security binding-table

**show events** [**code** <event-code>] [**id** <event-ID>] [**cause** <event-value>] [**last-minutes** <NUMBER>] [**last-hours** <NUMBER>] [**last-days** <NUMBER>] [**start-time** <YYYY-MM-DDTHR:MIN:SEC>] [**end-time** <YYYY-MM-DDTHR:MIN:SEC>] [**detail**] **tenant** WORD **bridge-domain** WORD **first-hop-security binding-table**

**Description:** Show Bridge-domain Binding Table Information

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the bridge-domain (Max Size 64)

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes
<NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>]
[end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD bridge-domain WORD first-hop-security
binding-table
```

# show events tenant bridge-domain first-hop-security statistics arp

**show events** [*code* <event-code>] [*id* <event-ID>] [*cause* <event-value>] [*last-minutes* <NUMBER>] [*last-hours* <NUMBER>] [*last-days* <NUMBER>] [*start-time* <YYYY-MM-DDTHR:MIN:SEC>] [*end-time* <YYYY-MM-DDTHR:MIN:SEC>] [*detail*] tenant *WORD* bridge-domain *WORD* first-hop-security statistics arp

**Description:** Show Bridge-domain First Hop Security ARP Statistics

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the bridge-domain (Max Size 64)

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes
<NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>]
[end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD bridge-domain WORD first-hop-security
statistics arp
```

# show events tenant bridge-domain first-hop-security statistics dhcpv4

**show events** [*code* <event-code>] [*id* <event-ID>] [*cause* <event-value>] [*last-minutes* <NUMBER>] [*last-hours* <NUMBER>] [*last-days* <NUMBER>] [*start-time* <YYYY-MM-DDTHR:MIN:SEC>] [*end-time* <YYYY-MM-DDTHR:MIN:SEC>] [*detail*] tenant *WORD* bridge-domain *WORD* first-hop-security statistics dhcpv4

**Description:** Show Bridge-domain First Hop Security DHCPv4 Statistics

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the bridge-domain (Max Size 64)

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes
<NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>]
[end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD bridge-domain WORD first-hop-security
statistics dhcpv4
```

# show events tenant bridge-domain first-hop-security statistics dhcpv6

```
show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD bridge-domain WORD first-hop-security statistics dhcpv6
```

**Description:** Show Bridge-domain First Hop Security DHCPv6 Statistics

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the bridge-domain (Max Size 64)

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD bridge-domain WORD first-hop-security statistics dhcpv6
```

# show events tenant bridge-domain first-hop-security statistics neighbor-discovery

```
show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD bridge-domain WORD first-hop-security statistics neighbor-discovery
```

**Description:** Show Bridge-domain First Hop Security Neighbor Discovery Statistics

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the bridge-domain (Max Size 64)

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD bridge-domain WORD first-hop-security statistics neighbor-discovery
```

## show events tenant dnsservergroup

**show events** [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant **WORD** dnsservergroup **WORD**

**Description:** Show Dns Server Group Information

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the dns server group we eventually want to filter on (Max Size 16)

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes
<NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>]
[end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD dnsservergroup WORD
```

## show events tenant dnsservergroup server

**show events** [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant **WORD** dnsservergroup **WORD** server **WORD**

**Description:** Show Dns Server Information

### Syntax:

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the dns server group we eventually want to filter on (Max Size 16)
<i>WORD</i>	IP of server we eventually want to filter on (Max Size None)

**Command Mode:** exec : Exec Mode

### Command Path:

```
# show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes
<NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>]
[end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD dnsservergroup WORD server WORD
```



# show events tenant dnsservergroup server domain

**show events** [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant **WORD** dnsservergroup **WORD** server **WORD** domain **WORD**

**Description:** Show Dns Domain Information

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the dns server group we eventually want to filter on (Max Size 16)
<i>WORD</i>	IP of server we eventually want to filter on (Max Size None)
<i>WORD</i>	Domain we eventually want to filter on (Max Size 512)

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes
<NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>]
[end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD dnsservergroup WORD server WORD
domain WORD
```

## show events tenant endpoints

**show events** [*code* <event-code>] [*id* <event-ID>] [*cause* <event-value>] [*last-minutes* <NUMBER>] [*last-hours* <NUMBER>] [*last-days* <NUMBER>] [*start-time* <YYYY-MM-DDTHR:MIN:SEC>] [*end-time* <YYYY-MM-DDTHR:MIN:SEC>] [*detail*] tenant *WORD* endpoints [*type* <type>] [*mac* <E.E.E EE-EE-EE-EE-EE-EE EE:EE:EE:EE:EE:EE EEEE.EEEE.EEEE >] [*vlan* <NUMBER>] [*ip* <A.B.C.D>] [*ipv6* <A:B::C:D>]

**Description:** Show IP endpoints

### Syntax:

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>type</i>	(Optional) Endpoint Type
<i>E.E.E EE-EE-EE-EE-EE-EE EE:EE:EE:EE:EE:EE EEEE.EEEE.EEEE</i>	(Optional) MAC address (Option 1) MAC address (Option 2) MAC address (Option 3) MAC address (Option 4)
<1-4094>	(Optional) Encapsulation Vlan. Number range from=1 to=4094
<i>A.B.C.D</i>	(Optional) IP Unicast address in format i.i.i.i
<i>A:B::C:D</i>	(Optional) IPv6 address in format xxxx:xxxx, xxxx::xx

**Command Mode:** exec : Exec Mode

### Command Path:

```
# show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes
<NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>]
[end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD endpoints [type <type>] [mac <E.E.E
EE-EE-EE-EE-EE-EE EE:EE:EE:EE:EE:EE EEEE.EEEE.EEEE >] [vlan <NUMBER>] [ip <A.B.C.D>] [ipv6
<A:B::C:D>]
```

# show events tenant endpoints leaf interface ethernet

```
show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD endpoints [type <type>] [mac <E.E.E EE-EE-EE-EE-EE EE:EE:EE:EE:EE:EE EEEE.EEEE.EEEE >] [vlan <NUMBER>] [ip <A.B.C.D>] [ipv6 <A:B::C:D>] leaf <WORD> interface ethernet ethernet [<fex>/<slot>/<port>]
```

**Description:** Show IP endpoints on an interface ethernet

## Syntax:

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>type</i>	(Optional) Endpoint Type
<i>E.E.E EE-EE-EE-EE-EE EE:EE:EE:EE:EE:EE EEEE.EEEE.EEEE</i>	(Optional) MAC address (Option 1) MAC address (Option 2) MAC address (Option 3) MAC address (Option 4)
<i>&lt;1-4094&gt;</i>	(Optional) Encapsulation Vlan. Number range from=1 to=4094
<i>A.B.C.D</i>	(Optional) IP Unicast address in format i.i.i.i
<i>A:B::C:D</i>	(Optional) IPv6 address in format xxxx:xxxx, xxxx::xx
<i>WORD</i>	Leaf Number (Max Size 4000). Number range from=0 to=9223372036854775807
<i>ethernet [&lt;fex&gt;/&lt;slot&gt;/&lt;port&gt;]</i>	Ethernet Range

**Command Mode:** exec : Exec Mode

## Command Path:

```
# show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD endpoints [type <type>] [mac <E.E.E EE-EE-EE-EE-EE EE:EE:EE:EE:EE:EE EEEE.EEEE.EEEE >] [vlan <NUMBER>] [ip <A.B.C.D>] [ipv6 <A:B::C:D>] leaf <WORD> interface ethernet ethernet [<fex>/<slot>/<port>]
```

# show events tenant endpoints leaf interface port-channel

```
show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD endpoints [type <type>] [mac <E.E.E EE-EE-EE-EE-EE-EE EE:EE:EE:EE:EE:EE EEEE.EEEE.EEEE >] [vlan <NUMBER>] [ip <A.B.C.D>] [ipv6 <A:B::C:D>] leaf <WORD> interface port-channel <WORD> [fex <NUMBER>]
```

**Description:** Show IP endpoints on an interface port-channel

## Syntax:

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>type</i>	(Optional) Endpoint Type
<i>E.E.E EE-EE-EE-EE-EE-EE EE:EE:EE:EE:EE:EE EEEE.EEEE.EEEE</i>	(Optional) MAC address (Option 1) MAC address (Option 2) MAC address (Option 3) MAC address (Option 4)
<i>&lt;1-4094&gt;</i>	(Optional) Encapsulation Vlan. Number range from=1 to=4094
<i>A.B.C.D</i>	(Optional) IP Unicast address in format i.i.i.i
<i>A:B::C:D</i>	(Optional) IPv6 address in format xxxx:xxxx, xxxx::xx
<i>WORD</i>	Leaf Number (Max Size 4000). Number range from=0 to=9223372036854775807
<i>WORD</i>	Port Channel Name (Max Size 64)
<i>&lt;101-199&gt;</i>	(Optional) Fex Id. Number range from=101 to=199

**Command Mode:** exec : Exec Mode

## Command Path:

```
# show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD endpoints [type <type>] [mac <E.E.E EE-EE-EE-EE-EE-EE EE:EE:EE:EE:EE:EE EEEE.EEEE.EEEE >] [vlan <NUMBER>] [ip <A.B.C.D>] [ipv6 <A:B::C:D>] leaf <WORD> interface port-channel <WORD> [fex <NUMBER>]
```

# show events tenant endpoints vpc

```
show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD endpoints [type <type>] [mac <E.E.E EE-EE-EE-EE-EE EE:EE:EE:EE:EE:EE EEEE.EEEE.EEEE >] [vlan <NUMBER>] [ip <A.B.C.D>] [ipv6 <A:B::C:D>] vpc context <WORD> <WORD> interface vpc <WORD> [fex <fex>]
```

**Description:** Show IP endpoints on vpc

## Syntax:

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>type</i>	(Optional) Endpoint Type
<i>E.E.E EE-EE-EE-EE-EE EE:EE:EE:EE:EE:EE EEEE.EEEE.EEEE</i>	(Optional) MAC address (Option 1) MAC address (Option 2) MAC address (Option 3) MAC address (Option 4)
<i>&lt;1-4094&gt;</i>	(Optional) Encapsulation Vlan. Number range from=1 to=4094
<i>A.B.C.D</i>	(Optional) IP Unicast address in format i.i.i.i
<i>A:B::C:D</i>	(Optional) IPv6 address in format xxxx:xxxx, xxxx::xx
context	VPC Context
<i>WORD</i>	First VPC leaf (Max Size 4000). Number range from=0 to=9223372036854775807
<i>WORD</i>	Second VPC leaf (Max Size 4000). Number range from=0 to=9223372036854775807
interface	VPC Interface name
vpc	VPC Interface name
<i>WORD</i>	VPC Name (Max Size 64)
<i>fex</i>	(Optional) Fex Id. Number range from=101 to=199

**Command Mode:** exec : Exec Mode

## Command Path:

```
# show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD endpoints [type <type>] [mac <E.E.E EE-EE-EE-EE-EE EE:EE:EE:EE:EE:EE EEEE.EEEE.EEEE >] [vlan <NUMBER>] [ip <A.B.C.D>] [ipv6 <A:B::C:D>] vpc context <WORD> <WORD> interface vpc <WORD> [fex <fex>]
```

## show events tenant interface bridge-domain

**show events** [**code** <event-code>] [**id** <event-ID>] [**cause** <event-value>] [**last-minutes** <NUMBER>] [**last-hours** <NUMBER>] [**last-days** <NUMBER>] [**start-time** <YYYY-MM-DDTHR:MIN:SEC>] [**end-time** <YYYY-MM-DDTHR:MIN:SEC>] [**detail**] **tenant** **WORD** **interface** **bridge-domain** **WORD**

**Description:** Show Bridge-domain Information

### Syntax:

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the bridge-domain (Max Size 64)

**Command Mode:** exec : Exec Mode

### Command Path:

```
# show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes
<NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>]
[end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD interface bridge-domain WORD
```

# show events tenant interface bridge-domain detail

**show events** [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant **WORD** interface bridge-domain **WORD** detail

**Description:** Show Bridge-domain Detailed Information

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the bridge-domain (Max Size 64)

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes
<NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>]
[end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD interface bridge-domain WORD detail
```

# show events tenant interface bridge-domain first-hop-security binding-table

**show events** [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant **WORD** interface bridge-domain **WORD** first-hop-security binding-table

**Description:** Show Bridge-domain Binding Table Information

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the bridge-domain (Max Size 64)

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes
<NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>]
[end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD interface bridge-domain WORD
first-hop-security binding-table
```



# show events tenant interface bridge-domain first-hop-security statistics arp

```
show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD interface bridge-domain WORD first-hop-security statistics arp
```

**Description:** Show Bridge-domain First Hop Security ARP Statistics

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the bridge-domain (Max Size 64)

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD interface bridge-domain WORD first-hop-security statistics arp
```

# show events tenant interface bridge-domain first-hop-security statistics dhcpv4

**show events** [**code** <event-code>] [**id** <event-ID>] [**cause** <event-value>] [**last-minutes** <NUMBER>] [**last-hours** <NUMBER>] [**last-days** <NUMBER>] [**start-time** <YYYY-MM-DDTHR:MIN:SEC>] [**end-time** <YYYY-MM-DDTHR:MIN:SEC>] [**detail**] **tenant** **WORD** **interface** **bridge-domain** **WORD** **first-hop-security** **statistics** **dhcpv4**

**Description:** Show Bridge-domain First Hop Security DHCPv4 Statistics

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the bridge-domain (Max Size 64)

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes
<NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>]
[end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD interface bridge-domain WORD
first-hop-security statistics dhcpv4
```

# show events tenant interface bridge-domain first-hop-security statistics dhcpv6

```
show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD interface bridge-domain WORD first-hop-security statistics dhcpv6
```

**Description:** Show Bridge-domain First Hop Security DHCPv6 Statistics

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the bridge-domain (Max Size 64)

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD interface bridge-domain WORD first-hop-security statistics dhcpv6
```

# show events tenant interface bridge-domain first-hop-security statistics neighbor-discovery

**show events** [**code** <event-code>] [**id** <event-ID>] [**cause** <event-value>] [**last-minutes** <NUMBER>] [**last-hours** <NUMBER>] [**last-days** <NUMBER>] [**start-time** <YYYY-MM-DDTHR:MIN:SEC>] [**end-time** <YYYY-MM-DDTHR:MIN:SEC>] [**detail**] **tenant** **WORD** **interface** **bridge-domain** **WORD** **first-hop-security** **statistics** **neighbor-discovery**

**Description:** Show Bridge-domain First Hop Security Neighbor Discovery Statistics

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the bridge-domain (Max Size 64)

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes
<NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>]
[end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD interface bridge-domain WORD
first-hop-security statistics neighbor-discovery
```

## show events tenant multicast-route-maps

```
show events [code <event-code>][id <event-ID>][cause <event-value>][last-minutes <NUMBER>][last-hours <NUMBER>][last-days <NUMBER>][start-time <YYYY-MM-DDTHR:MIN:SEC>][end-time <YYYY-MM-DDTHR:MIN:SEC>][detail] tenant WORD multicast-route-maps
```

**Description:** Show multicast route-maps per Tenant

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
-------------	---

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD multicast-route-maps
```

## show events tenant vrf

**show events** [**code** <event-code>] [**id** <event-ID>] [**cause** <event-value>] [**last-minutes** <NUMBER>] [**last-hours** <NUMBER>] [**last-days** <NUMBER>] [**start-time** <YYYY-MM-DDTHR:MIN:SEC>] [**end-time** <YYYY-MM-DDTHR:MIN:SEC>] [**detail**] **tenant** **WORD** **vrf** **WORD**

**Description:** Show VRF Information

### Syntax:

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the VRF to filter on (Max Size 64)

**Command Mode:** exec : Exec Mode

### Command Path:

```
# show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes
<NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>]
[end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD vrf WORD
```

## show events tenant vrf acllog l2

**show events** [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD vrf WORD acllog <permitDrop> l2 flow vlan <NUMBER> srcintf <srcintf>

**Description:** L2 flow stats

**Syntax:**

WORD	Name of the tenant to filter on (Max Size 63)
WORD	Name of the VRF to filter on (Max Size 64)
permitDrop	permitDrop
flow	flowi stats
vlan	vlan info
<vlan>	<vlan>. Number range from=0 to=9223372036854775807
srcintf	source interface
<srcintf>	<srcintf>

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes
<NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>]
[end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD vrf WORD acllog <permitDrop> l2
flow vlan <NUMBER> srcintf <srcintf>
```

## show events tenant vrf aclog l3

**show events** [*code* <event-code>] [*id* <event-ID>] [*cause* <event-value>] [*last-minutes* <NUMBER>] [*last-hours* <NUMBER>] [*last-days* <NUMBER>] [*start-time* <YYYY-MM-DDTHR:MIN:SEC>] [*end-time* <YYYY-MM-DDTHR:MIN:SEC>] [*detail*] **tenant** *WORD* **vrf** *WORD* **aclog** <permitDrop> **l3** **flow** *srcpctag* <srcpctag> *dstpctag* <dstpctag> *srcepname* <srcepname> *dstepname* <dstepname> *srcip* <A.B.C.D or A:B::C:D> *dstip* <A.B.C.D or A:B::C:D> *proto* <proto> *srcport* <srcport> *dstport* <dstport> *srcintf* <srcintf>

**Description:** L3 flow stats

### Syntax:

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the VRF to filter on (Max Size 64)
<i>permitDrop</i>	permitDrop
flow	flow stats
<i>srcpctag</i>	source pc tag
< <i>srcpctag</i> >	<srcpctag>
<i>dstpctag</i>	destination pc tag
< <i>dstpctag</i> >	<dstpctag>
<i>srcepname</i>	source epg name
< <i>srcepname</i> >	<srcepname>
<i>dstepname</i>	destination epg name
< <i>dstepname</i> >	<dstepname>
<i>srcip</i>	source ip
<i>A.B.C.D or A:B::C:D</i>	IP address in format i.i.i.i or IPv6 address in format xxxx:xxxx, xxxx::xx
<i>dstip</i>	destination ip
<i>A.B.C.D or A:B::C:D</i>	IP address in format i.i.i.i or IPv6 address in format xxxx:xxxx, xxxx::xx
<i>proto</i>	protocol
< <i>proto</i> >	<proto>
<i>srcport</i>	source port
< <i>srcport</i> >	<srcport>
<i>dstport</i>	destination port



<i>&lt;dstport&gt;</i>	<i>&lt;dstport&gt;</i>
srcintf	source interface
<i>&lt;srcintf&gt;</i>	<i>&lt;srcintf&gt;</i>

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes
<NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>]
[end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD vrf WORD acllog <permitDrop> l3
flow srcpctag <srcpctag> dstpctag <dstpctag> srcepname <srcepname> dstepname <dstepname>
srcip <A.B.C.D or A:B::C:D> dstip <A.B.C.D or A:B::C:D> proto <proto> srcport <srcport>
dstport <dstport> srcintf <srcintf>
```

## show events tenant vrf detail

**show events** [**code** <event-code>] [**id** <event-ID>] [**cause** <event-value>] [**last-minutes** <NUMBER>] [**last-hours** <NUMBER>] [**last-days** <NUMBER>] [**start-time** <YYYY-MM-DDTHR:MIN:SEC>] [**end-time** <YYYY-MM-DDTHR:MIN:SEC>] [**detail**] **tenant** **WORD** **vrf** **WORD** **detail**

**Description:** Show detailed view of VRF

### Syntax:

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the VRF to filter on (Max Size 64)

**Command Mode:** exec : Exec Mode

### Command Path:

```
# show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes
<NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>]
[end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD vrf WORD detail
```

## show events tenant vrf external-l3 bgp

**show events** [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant **WORD** vrf **WORD** external-l3 bgp

**Description:** Show command for BGP peers

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the VRF to filter on (Max Size 64)

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD vrf WORD external-l3 bgp
```

## show events tenant vrf external-l3 bgp node

**show events** [*code* <event-code>] [*id* <event-ID>] [*cause* <event-value>] [*last-minutes* <NUMBER>] [*last-hours* <NUMBER>] [*last-days* <NUMBER>] [*start-time* <YYYY-MM-DDTHR:MIN:SEC>] [*end-time* <YYYY-MM-DDTHR:MIN:SEC>] [*detail*] **tenant** *WORD* **vrf** *WORD* **external-l3 bgp node** <101-4000>

**Description:** node to filter on

### Syntax:

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the VRF to filter on (Max Size 64)
<101-4000>	Leaf Range or Leaf Name List

**Command Mode:** exec : Exec Mode

### Command Path:

```
# show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes
<NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>]
[end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD vrf WORD external-l3 bgp node
<101-4000>
```

# show events tenant vrf external-l3 eigrp

**show events** [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant **WORD** vrf **WORD** external-l3 eigrp

**Description:** Show external l3 EIGRP

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the VRF to filter on (Max Size 64)

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD vrf WORD external-l3 eigrp
```

## show events tenant vrf external-l3 eigrp detail

**show events** [**code** <event-code>] [**id** <event-ID>] [**cause** <event-value>] [**last-minutes** <NUMBER>] [**last-hours** <NUMBER>] [**last-days** <NUMBER>] [**start-time** <YYYY-MM-DDTHR:MIN:SEC>] [**end-time** <YYYY-MM-DDTHR:MIN:SEC>] [**detail**] **tenant** WORD **vrf** WORD **external-l3 eigrp detail**

**Description:** Show interanl details

### Syntax:

WORD	Name of the tenant to filter on (Max Size 63)
WORD	Name of the VRF to filter on (Max Size 64)

**Command Mode:** exec : Exec Mode

### Command Path:

```
# show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes
<NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>]
[end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD vrf WORD external-l3 eigrp detail
```

## show events tenant vrf external-l3 epg

**show events** [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant **WORD** vrf **WORD** external-l3 epg <epgName>

**Description:** Show command for external-l3 epgs

### Syntax:

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the VRF to filter on (Max Size 64)
<epgName>	Name of the EPG to filter on

**Command Mode:** exec : Exec Mode

### Command Path:

```
# show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes
<NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>]
[end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD vrf WORD external-l3 epg <epgName>
```

## show events tenant vrf external-l3 epg detail

**show events** [**code** <event-code>] [**id** <event-ID>] [**cause** <event-value>] [**last-minutes** <NUMBER>] [**last-hours** <NUMBER>] [**last-days** <NUMBER>] [**start-time** <YYYY-MM-DDTHR:MIN:SEC>] [**end-time** <YYYY-MM-DDTHR:MIN:SEC>] [**detail**] **tenant** **WORD** **vrf** **WORD** **external-l3 epg** <epgName> **detail**

**Description:** external-l3 epg in detail with operational status

### Syntax:

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the VRF to filter on (Max Size 64)
<epgName>	Name of the EPG to filter on

**Command Mode:** exec : Exec Mode

### Command Path:

```
# show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes
<NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>]
[end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD vrf WORD external-l3 epg <epgName>
detail
```



## show events tenant vrf external-l3 epg name

```
show events [code <event-code>][id <event-ID>][cause <event-value>][last-minutes <NUMBER>][last-hours <NUMBER>][last-days <NUMBER>][start-time <YYYY-MM-DDTHR:MIN:SEC>][end-time <YYYY-MM-DDTHR:MIN:SEC>][detail] tenant WORD vrf WORD external-l3 epg <epgName> name <epgName>
```

**Description:** EPG name to filter on

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the VRF to filter on (Max Size 64)
<i>&lt;epgName&gt;</i>	Name of the EPG to filter on
<i>&lt;epgName&gt;</i>	Name of the EPG to filter on

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD vrf WORD external-l3 epg <epgName> name <epgName>
```

## show events tenant vrf external-l3 epg name detail

```
show events [code <event-code>][id <event-ID>][cause <event-value>][last-minutes <NUMBER>][last-hours
<NUMBER>][last-days <NUMBER>][start-time <YYYY-MM-DDTHR:MIN:SEC>][end-time
<YYYY-MM-DDTHR:MIN:SEC>][detail] tenant WORD vrf WORD external-l3 epg <epgName> name <epgName>
detail
```

**Description:** external-l3 epg in detail with operational status

### Syntax:

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the VRF to filter on (Max Size 64)
<i>&lt;epgName&gt;</i>	Name of the EPG to filter on
<i>&lt;epgName&gt;</i>	Name of the EPG to filter on

**Command Mode:** exec : Exec Mode

### Command Path:

```
# show events [code <event-code>][id <event-ID>][cause <event-value>][last-minutes
<NUMBER>][last-hours <NUMBER>][last-days <NUMBER>][start-time <YYYY-MM-DDTHR:MIN:SEC>]
[end-time <YYYY-MM-DDTHR:MIN:SEC>][detail] tenant WORD vrf WORD external-l3 epg <epgName>
name <epgName> detail
```

# show events tenant vrf external-l3 interfaces

**show events** [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant **WORD** vrf **WORD** external-l3 interfaces

**Description:** Show tenant <tenant> vrf <vrf> external l3 interfaces

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the VRF to filter on (Max Size 64)

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD vrf WORD external-l3 interfaces
```

## show events tenant vrf external-l3 interfaces detail

**show events** [*code* <event-code>] [*id* <event-ID>] [*cause* <event-value>] [*last-minutes* <NUMBER>] [*last-hours* <NUMBER>] [*last-days* <NUMBER>] [*start-time* <YYYY-MM-DDTHR:MIN:SEC>] [*end-time* <YYYY-MM-DDTHR:MIN:SEC>] [*detail*] **tenant** *WORD* **vrf** *WORD* **external-l3 interfaces detail**

**Description:** Show interfaces details

### Syntax:

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the VRF to filter on (Max Size 64)

**Command Mode:** exec : Exec Mode

### Command Path:

```
# show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes
<NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>]
[end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD vrf WORD external-l3 interfaces
detail
```

# show events tenant vrf external-l3 ospf

**show events** [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant **WORD** vrf **WORD** external-l3 ospf

**Description:** Show command for IPv4 and IPv6 external l3 OSPF configuration

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the VRF to filter on (Max Size 64)

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD vrf WORD external-l3 ospf
```

## show events tenant vrf external-l3 ospf detail

**show events** [*code* <event-code>] [*id* <event-ID>] [*cause* <event-value>] [*last-minutes* <NUMBER>] [*last-hours* <NUMBER>] [*last-days* <NUMBER>] [*start-time* <YYYY-MM-DDTHR:MIN:SEC>] [*end-time* <YYYY-MM-DDTHR:MIN:SEC>] [*detail*] *tenant* *WORD* *vrf* *WORD* *external-l3* *ospf* *detail*

**Description:** Show internal details

### Syntax:

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the VRF to filter on (Max Size 64)

**Command Mode:** exec : Exec Mode

### Command Path:

```
# show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes
<NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>]
[end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD vrf WORD external-l3 ospf detail
```

## show events tenant vrf external-l3 route-map

**show events** [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant **WORD** vrf **WORD** external-l3 route-map [name <l3out name>]

**Description:** Show command for external-l3 route-map

### Syntax:

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the VRF to filter on (Max Size 64)
<l3out name>	(Optional) Name of the route-map to filter on

**Command Mode:** exec : Exec Mode

### Command Path:

```
# show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes
<NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>]
[end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD vrf WORD external-l3 route-map [name
<l3out name>]
```

## show events tenant vrf external-l3 route-map detail

**show events** [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD vrf WORD external-l3 route-map [name <l3out name>] detail

**Description:** Show external-l3 route-map in detail with operational status

### Syntax:

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the VRF to filter on (Max Size 64)
<l3out name>	(Optional) Name of the route-map to filter on

**Command Mode:** exec : Exec Mode

### Command Path:

```
# show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes
<NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>]
[end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD vrf WORD external-l3 route-map [name
<l3out name>] detail
```



## show events tenant vrf external-l3 scale

**show events** [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant **WORD** vrf **WORD** external-l3 scale

**Description:** scale command

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the VRF to filter on (Max Size 64)

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD vrf WORD external-l3 scale
```

## show events tenant vrf external-l3 scale detail

**show events** [*code* <event-code>] [*id* <event-ID>] [*cause* <event-value>] [*last-minutes* <NUMBER>] [*last-hours* <NUMBER>] [*last-days* <NUMBER>] [*start-time* <YYYY-MM-DDTHR:MIN:SEC>] [*end-time* <YYYY-MM-DDTHR:MIN:SEC>] [*detail*] *tenant* *WORD* *vrf* *WORD* *external-l3* *scale* *detail*

**Description:** Show scale details

### Syntax:

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the VRF to filter on (Max Size 64)

**Command Mode:** exec : Exec Mode

### Command Path:

```
# show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes
<NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>]
[end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD vrf WORD external-l3 scale detail
```

# show events tenant vrf external-l3 static-route

**show events** [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant **WORD** vrf **WORD** external-l3 static-route

**Description:** Show command for external-l3 static routes

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the VRF to filter on (Max Size 64)

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD vrf WORD external-l3 static-route
```

## show events tenant vrf external-l3 static-route detail

**show events** [**code** <event-code>] [**id** <event-ID>] [**cause** <event-value>] [**last-minutes** <NUMBER>] [**last-hours** <NUMBER>] [**last-days** <NUMBER>] [**start-time** <YYYY-MM-DDTHR:MIN:SEC>] [**end-time** <YYYY-MM-DDTHR:MIN:SEC>] [**detail**] **tenant** **WORD** **vrf** **WORD** **external-l3** **static-route** **detail**

**Description:** static-route in detail with operational status

### Syntax:

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the VRF to filter on (Max Size 64)

**Command Mode:** exec : Exec Mode

### Command Path:

```
# show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes
<NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>]
[end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD vrf WORD external-l3 static-route
detail
```

## show events tenant vrf external-l3 static-route node

**show events** [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant **WORD** vrf **WORD** external-l3 static-route node

**Description:** node to filter on

### Syntax:

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the VRF to filter on (Max Size 64)
<i>arg</i>	Leaf Range or Leaf Name List

**Command Mode:** exec : Exec Mode

### Command Path:

```
# show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes
<NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>]
[end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD vrf WORD external-l3 static-route
node
```

## show events tenant vrf external-l3 static-route node detail

**show events** [*code* <event-code>] [*id* <event-ID>] [*cause* <event-value>] [*last-minutes* <NUMBER>] [*last-hours* <NUMBER>] [*last-days* <NUMBER>] [*start-time* <YYYY-MM-DDTHR:MIN:SEC>] [*end-time* <YYYY-MM-DDTHR:MIN:SEC>] [*detail*] tenant *WORD* vrf *WORD* external-l3 static-route node detail

**Description:** static-route in detail with operational status

### Syntax:

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the VRF to filter on (Max Size 64)
<i>arg</i>	Leaf Range or Leaf Name List

**Command Mode:** exec : Exec Mode

### Command Path:

```
# show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes
<NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>]
[end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD vrf WORD external-l3 static-route
node detail
```

# show events tenant vrf multicast

**show events** [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant **WORD** vrf **WORD** multicast

**Description:** Show multicast configuration per VRF

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the VRF to filter on (Max Size 64)

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes
<NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>]
[end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD vrf WORD multicast
```

# show external-l2 epg

**show external-l2 epg**

**Description:** Show command for external-l2 epgs

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show external-l2 epg
```



## show external-l2 epg name

**show external-l2 epg name WORD**

**Description:** EPG name to filter on

**Syntax:**

<i>WORD</i>	Name of the EPG to filter on (Max Size 64)
-------------	--

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show external-l2 epg name WORD
```

# show external-l2 epg tenant

**show external-l2 epg tenant WORD**

**Description:** tenant to filter on

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
-------------	---

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show external-l2 epg tenant WORD
```

# show external-l3 bgp

**show external-l3 bgp**

**Description:** Show command for BGP peers

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show external-l3 bgp
```

# show external-l3 bgp tenant

**show external-l3 bgp tenant <WORD>**

**Description:** tenant to filter on

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
-------------	---

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show external-l3 bgp tenant <WORD>
```

# show external-l3 bgp tenant vrf

**show external-l3 bgp tenant <WORD> vrf WORD**

**Description:** vrf to filter on

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the VRF to filter on (Max Size 64)

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show external-l3 bgp tenant <WORD> vrf WORD
```

## show external-l3 bgp tenant vrf node

**show external-l3 bgp tenant <WORD> vrf WORD node <101-4000>**

**Description:** node to filter on

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the VRF to filter on (Max Size 64)
<i>&lt;101-4000&gt;</i>	Leaf Range or Leaf Name List

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show external-l3 bgp tenant <WORD> vrf WORD node <101-4000>
```

# show external-l3 eigrp

**show external-l3 eigrp**

**Description:** Show command for external-l3 eigrp

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show external-l3 eigrp
```

# show external-l3 eigrp detail

**show external-l3 eigrp detail**

**Description:** Show interanl details

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show external-l3 eigrp detail
```



# show external-l3 eigrp node

**show external-l3 eigrp node <101-4000>**

**Description:** Node(s) to filter on

**Syntax:**

<i>&lt;101-4000&gt;</i>	Node Range or Node Name List
-------------------------	------------------------------

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show external-l3 eigrp node <101-4000>
```

# show external-l3 eigrp node detail

**show external-l3 eigrp node <101-4000> detail**

**Description:** Show interanl details

**Syntax:**

<101-4000>	Node Range or Node Name List
------------	------------------------------

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show external-l3 eigrp node <101-4000> detail
```

# show external-l3 eigrp tenant

**show external-l3 eigrp tenant <WORD>**

**Description:** Tenant(s) to filter on

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
-------------	---

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show external-l3 eigrp tenant <WORD>
```

# show external-l3 eigrp tenant detail

**show external-l3 eigrp tenant <WORD> detail**

**Description:** Show interanl details

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
-------------	---

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show external-l3 eigrp tenant <WORD> detail
```

# show external-l3 eigrp tenant vrf

**show external-l3 eigrp tenant <WORD> vrf WORD**

**Description:** Vrf(s) to filter on

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the VRF(s) to filter on (Max Size 64)

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show external-l3 eigrp tenant <WORD> vrf WORD
```

# show external-l3 eigrp tenant vrf detail

**show external-l3 eigrp tenant <WORD> vrf WORD detail**

**Description:** Show interanl details

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the VRF(s) to filter on (Max Size 64)

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show external-l3 eigrp tenant <WORD> vrf WORD detail
```

# show external-l3 eigrp tenant vrf node

**show external-l3 eigrp tenant <WORD> vrf WORD node <101-4000>**

**Description:** Node(s) to filter on

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the VRF(s) to filter on (Max Size 64)
<101-4000>	Node Range or Node Name List

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show external-l3 eigrp tenant <WORD> vrf WORD node <101-4000>
```

# show external-l3 eigrp tenant vrf node detail

**show external-l3 eigrp tenant <WORD> vrf WORD node <101-4000> detail**

**Description:** Show interanl details

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the VRF(s) to filter on (Max Size 64)
<i>&lt;101-4000&gt;</i>	Node Range or Node Name List

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show external-l3 eigrp tenant <WORD> vrf WORD node <101-4000> detail
```



# show external-l3 epg

**show external-l3 epg**

**Description:** Show command for external-l3 epgs

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show external-l3 epg
```

# show external-l3 epg detail

**show external-l3 epg detail**

**Description:** external-l3 epg in detail with operational status

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show external-l3 epg detail
```

## show external-l3 epg name

**show external-l3 epg name <epgName>**

**Description:** EPG name to filter on

**Syntax:**

<i>&lt;epgName&gt;</i>	Name of the EPG to filter on
------------------------	------------------------------

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show external-l3 epg name <epgName>
```

## show external-l3 epg name detail

**show external-l3 epg name <epgName> detail**

**Description:** external-l3 epg in detail with operational status

**Syntax:**

<i>&lt;epgName&gt;</i>	Name of the EPG to filter on
------------------------	------------------------------

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show external-l3 epg name <epgName> detail
```

# show external-l3 epg tenant

**show external-l3 epg tenant <WORD>**

**Description:** tenant to filter on

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
-------------	---

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show external-l3 epg tenant <WORD>
```

# show external-l3 epg tenant detail

**show external-l3 epg tenant <WORD> detail**

**Description:** external-l3 epg in detail with operational status

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
-------------	---

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show external-l3 epg tenant <WORD> detail
```

# show external-l3 epg tenant vrf

**show external-l3 epg tenant <WORD> vrf WORD**

**Description:** vrf to filter on

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the VRF to filter on (Max Size 64)

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show external-l3 epg tenant <WORD> vrf WORD
```

# show external-l3 epg tenant vrf detail

**show external-l3 epg tenant <WORD> vrf WORD detail**

**Description:** external-l3 epg in detail with operational status

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the VRF to filter on (Max Size 64)

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show external-l3 epg tenant <WORD> vrf WORD detail
```



# show external-l3 interfaces

**show external-l3 interfaces**

**Description:** Show command for external-l3 interfaces

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show external-l3 interfaces
```

# show external-l3 interfaces detail

**show external-l3 interfaces detail**

**Description:** Show interfaces details

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show external-l3 interfaces detail
```

# show external-l3 interfaces node

**show external-l3 interfaces node** <101-4000>

**Description:** Node(s) to filter on

**Syntax:**

<101-4000>	Node Range or Node Name List
------------	------------------------------

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show external-l3 interfaces node <101-4000>
```

# show external-l3 interfaces node detail

**show external-l3 interfaces node <101-4000> detail**

**Description:** Show interfaces details

**Syntax:**

<code>&lt;101-4000&gt;</code>	Node Range or Node Name List
-------------------------------	------------------------------

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show external-l3 interfaces node <101-4000> detail
```

# show external-l3 interfaces tenant

**show external-l3 interfaces tenant <WORD>**

**Description:** Tenant(s) to filter on

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
-------------	---

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show external-l3 interfaces tenant <WORD>
```

# show external-l3 interfaces tenant detail

**show external-l3 interfaces tenant <WORD> detail**

**Description:** Show interfaces details

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
-------------	---

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show external-l3 interfaces tenant <WORD> detail
```

# show external-l3 interfaces tenant vrf

**show external-l3 interfaces tenant <WORD> vrf WORD**

**Description:** Vrf(s) to filter on

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the VRF(s) to filter on (Max Size 64)

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show external-l3 interfaces tenant <WORD> vrf WORD
```

## show external-l3 interfaces tenant vrf detail

**show external-l3 interfaces tenant** <WORD> vrf WORD detail

**Description:** Show interfaces details

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the VRF(s) to filter on (Max Size 64)

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show external-l3 interfaces tenant <WORD> vrf WORD detail
```



## show external-l3 interfaces tenant vrf node

**show external-l3 interfaces tenant** <WORD> vrf WORD node <101-4000>

**Description:** Node(s) to filter on

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the VRF(s) to filter on (Max Size 64)
<101-4000>	Node Range or Node Name List

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show external-l3 interfaces tenant <WORD> vrf WORD node <101-4000>
```

# show external-l3 interfaces tenant vrf node detail

**show external-l3 interfaces tenant <WORD> vrf WORD node <101-4000> detail**

**Description:** Show interfaces details

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the VRF(s) to filter on (Max Size 64)
<i>&lt;101-4000&gt;</i>	Node Range or Node Name List

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show external-l3 interfaces tenant <WORD> vrf WORD node <101-4000> detail
```

# show external-l3 ospf

**show external-l3 ospf**

**Description:** Show command for external-l3 ospf

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show external-l3 ospf
```

# show external-l3 ospf detail

**show external-l3 ospf detail**

**Description:** Show internal details

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show external-l3 ospf detail
```

# show external-l3 ospf node

**show external-l3 ospf node** <101-4000>

**Description:** Node(s) to filter on

**Syntax:**

<101-4000>	Node Range or Node Name List
------------	------------------------------

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show external-l3 ospf node <101-4000>
```

# show external-l3 ospf node detail

**show external-l3 ospf node <101-4000> detail**

**Description:** Show internal details

**Syntax:**

<101-4000>	Node Range or Node Name List
------------	------------------------------

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show external-l3 ospf node <101-4000> detail
```

# show external-l3 ospf tenant

**show external-l3 ospf tenant <WORD>**

**Description:** Tenant(s) to filter on

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
-------------	---

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show external-l3 ospf tenant <WORD>
```

# show external-l3 ospf tenant detail

**show external-l3 ospf tenant <WORD> detail**

**Description:** Show internal details

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
-------------	---

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show external-l3 ospf tenant <WORD> detail
```



# show external-l3 ospf tenant vrf

**show external-l3 ospf tenant <WORD> vrf WORD**

**Description:** Vrf(s) to filter on

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the VRF(s) to filter on (Max Size 64)

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show external-l3 ospf tenant <WORD> vrf WORD
```

# show external-l3 ospf tenant vrf detail

**show external-l3 ospf tenant <WORD> vrf WORD detail**

**Description:** Show internal details

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the VRF(s) to filter on (Max Size 64)

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show external-l3 ospf tenant <WORD> vrf WORD detail
```

# show external-l3 ospf tenant vrf node

**show external-l3 ospf tenant <WORD> vrf WORD node <101-4000>**

**Description:** Node(s) to filter on

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the VRF(s) to filter on (Max Size 64)
<i>&lt;101-4000&gt;</i>	Node Range or Node Name List

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show external-l3 ospf tenant <WORD> vrf WORD node <101-4000>
```

## show external-l3 ospf tenant vrf node detail

**show external-l3 ospf tenant <WORD> vrf WORD node <101-4000> detail**

**Description:** Show internal details

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the VRF(s) to filter on (Max Size 64)
<i>&lt;101-4000&gt;</i>	Node Range or Node Name List

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show external-l3 ospf tenant <WORD> vrf WORD node <101-4000> detail
```

# show external-l3 route-map

**show external-l3 route-map**

**Description:** Show command for external-l3 route-map

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show external-l3 route-map
```

# show external-l3 route-map detail

**show external-l3 route-map detail**

**Description:** Route-map in detail with operational status

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show external-l3 route-map detail
```

## show external-l3 route-map name

**show external-l3 route-map name** <l3out name>

**Description:** Route-map name to filter on

**Syntax:**

<l3out name>	Name of the route-map to filter on
--------------	------------------------------------

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show external-l3 route-map name <l3out name>
```

# show external-l3 route-map name detail

**show external-l3 route-map name <l3out name> detail**

**Description:** Route-map in detail with operational status

**Syntax:**

<i>&lt;l3out name&gt;</i>	Name of the route-map to filter on
---------------------------	------------------------------------

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show external-l3 route-map name <l3out name> detail
```



# show external-l3 route-map tenant

**show external-l3 route-map tenant <WORD>**

**Description:** tenant to filter on

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
-------------	---

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show external-l3 route-map tenant <WORD>
```

# show external-l3 route-map tenant detail

**show external-l3 route-map tenant <WORD> detail**

**Description:** Route-map in detail with operational status

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
-------------	---

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show external-l3 route-map tenant <WORD> detail
```

## show external-l3 route-map tenant vrf

**show external-l3 route-map tenant <WORD> vrf WORD**

**Description:** vrf to filter on

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the VRF to filter on (Max Size 64)

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show external-l3 route-map tenant <WORD> vrf WORD
```

# show external-l3 route-map tenant vrf detail

**show external-l3 route-map tenant <WORD> vrf WORD detail**

**Description:** Route-map in detail with operational status

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the VRF to filter on (Max Size 64)

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show external-l3 route-map tenant <WORD> vrf WORD detail
```

# show external-l3 route-map tenant vrf node

**show external-l3 route-map tenant <WORD> vrf WORD node**

**Description:** node to filter on

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the VRF to filter on (Max Size 64)
<i>arg</i>	Leaf Range or Leaf Name List

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show external-l3 route-map tenant <WORD> vrf WORD node
```

# show external-l3 route-map tenant vrf node detail

**show external-l3 route-map tenant <WORD> vrf WORD node detail**

**Description:** Route-map in detail with operational status

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the VRF to filter on (Max Size 64)
<i>arg</i>	Leaf Range or Leaf Name List

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show external-l3 route-map tenant <WORD> vrf WORD node detail
```

# show external-l3 scale

**show external-l3 scale**

**Description:** Show command for external-l3 scale

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show external-l3 scale
```

## show external-l3 scale detail

### show external-l3 scale detail

**Description:** Show scale details

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show external-l3 scale detail
```



# show external-l3 scale node

**show external-l3 scale node** <101-4000>

**Description:** Node(s) to filter on

**Syntax:**

<101-4000>	Node Range or Node Name List
------------	------------------------------

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show external-l3 scale node <101-4000>
```

## show external-l3 scale node detail

**show external-l3 scale node <101-4000> detail**

**Description:** Show scale details

**Syntax:**

<code>&lt;101-4000&gt;</code>	Node Range or Node Name List
-------------------------------	------------------------------

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show external-l3 scale node <101-4000> detail
```

# show external-l3 scale tenant

**show external-l3 scale tenant <WORD>**

**Description:** Tenant(s) to filter on

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
-------------	---

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show external-l3 scale tenant <WORD>
```

## show external-l3 scale tenant detail

**show external-l3 scale tenant <WORD> detail**

**Description:** Show scale details

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
-------------	---

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show external-l3 scale tenant <WORD> detail
```

# show external-l3 scale tenant vrf

**show external-l3 scale tenant <WORD> vrf WORD**

**Description:** Vrf(s) to filter on

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the VRF(s) to filter on (Max Size 64)

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show external-l3 scale tenant <WORD> vrf WORD
```

# show external-l3 scale tenant vrf detail

**show external-l3 scale tenant <WORD> vrf WORD detail**

**Description:** Show scale details

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the VRF(s) to filter on (Max Size 64)

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show external-l3 scale tenant <WORD> vrf WORD detail
```

# show external-l3 scale tenant vrf node

**show external-l3 scale tenant <WORD> vrf WORD node <101-4000>**

**Description:** Node(s) to filter on

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the VRF(s) to filter on (Max Size 64)
<i>&lt;101-4000&gt;</i>	Node Range or Node Name List

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show external-l3 scale tenant <WORD> vrf WORD node <101-4000>
```

## show external-l3 scale tenant vrf node detail

**show external-l3 scale tenant <WORD> vrf WORD node <101-4000> detail**

**Description:** Show scale details

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the VRF(s) to filter on (Max Size 64)
<i>&lt;101-4000&gt;</i>	Node Range or Node Name List

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show external-l3 scale tenant <WORD> vrf WORD node <101-4000> detail
```



# show external-l3 static-route

**show external-l3 static-route**

**Description:** Show command for external-l3 static routes

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show external-l3 static-route
```

## show external-l3 static-route detail

### show external-l3 static-route detail

**Description:** static-route in detail with operational status

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show external-l3 static-route detail
```

# show external-l3 static-route node

**show external-l3 static-route node**

**Description:** node to filter on

**Syntax:**

<i>arg</i>	Leaf Range or Leaf Name List
------------	------------------------------

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show external-l3 static-route node
```

# show external-l3 static-route node detail

## show external-l3 static-route node detail

**Description:** static-route in detail with operational status

**Syntax:**

<i>arg</i>	Leaf Range or Leaf Name List
------------	------------------------------

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show external-l3 static-route node detail
```

# show external-l3 static-route tenant

**show external-l3 static-route tenant <WORD>**

**Description:** tenant to filter on

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
-------------	---

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show external-l3 static-route tenant <WORD>
```

# show external-l3 static-route tenant detail

**show external-l3 static-route tenant <WORD> detail**

**Description:** static-route in detail with operational status

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
-------------	---

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show external-l3 static-route tenant <WORD> detail
```

## show external-l3 static-route tenant vrf

**show external-l3 static-route tenant <WORD> vrf WORD**

**Description:** vrf to filter on

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the VRF to filter on (Max Size 64)

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show external-l3 static-route tenant <WORD> vrf WORD
```

## show external-l3 static-route tenant vrf detail

**show external-l3 static-route tenant <WORD> vrf WORD detail**

**Description:** static-route in detail with operational status

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the VRF to filter on (Max Size 64)

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show external-l3 static-route tenant <WORD> vrf WORD detail
```



# show external-l3 static-route tenant vrf node

**show external-l3 static-route tenant <WORD> vrf WORD node**

**Description:** node to filter on

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the VRF to filter on (Max Size 64)
<i>arg</i>	Leaf Range or Leaf Name List

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show external-l3 static-route tenant <WORD> vrf WORD node
```

# show external-l3 static-route tenant vrf node detail

**show external-l3 static-route tenant <WORD> vrf WORD node detail**

**Description:** static-route in detail with operational status

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the VRF to filter on (Max Size 64)
<i>arg</i>	Leaf Range or Leaf Name List

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show external-l3 static-route tenant <WORD> vrf WORD node detail
```

# show fabric-recovery checker

**show fabric-recovery checker moDn [detail]**

**Description:** To show the recovery checker status

**Syntax:**

<i>moDn</i>	Optional Dn
detail	(Optional) detail

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show fabric-recovery checker moDn [detail]
```

# show fabric-recovery status

**show fabric-recovery status**

**Description:** Show fabric recovery status

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show fabric-recovery status
```

# show faults

**show faults** [history] [code <fault-code>] [id <fault-ID>] [ack <yes/no>] [lc <lc-state>] [severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause <fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] <scope>

**Description:** Show fault information

## Syntax:

history	(Optional) Historical information
<fault-code>	(Optional) Fault code
<fault-ID>	(Optional) Fault ID
<yes/no>	(Optional) Acknowledgment status
<lc-state>	(Optional) Lifecycle state
<severity-value>	(Optional) Severity
<severity-value>	(Optional) Minimum severity
<fault-type>	(Optional) Type
<fault-value>	(Optional) Cause
last-minutes <num-minutes>	(Optional) Fault activity in time interval. Number range from=1 to=59
last-hours <num-hours>	(Optional) Fault activity in time interval. Number range from=1 to=23
last-days <num-days>	(Optional) Fault activity in time interval. Number range from=1 to=999
start-time <YYYY-MM-DDTHR:MIN:SEC>	(Optional) Fault activity in time interval
end-time <YYYY-MM-DDTHR:MIN:SEC>	(Optional) Fault activity in time interval
detail	(Optional) Detailed faults information
<scope>	command scope

**Command Mode:** exec : Exec Mode

## Command Path:

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes/no>] [lc <lc-state>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
<fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail]
<scope>
```

## show faults controller

```
show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>] [severity <severity-value>]
[min-severity <severity-value>] [type <fault-type>] [cause <fault-value>] [last-minutes <NUMBER>] [last-hours
<NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
<YYYY-MM-DDTHR:MIN:SEC>] [detail] controller
```

**Description:** Show controller information

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
<fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] controller
```

## show faults controller detail

**show faults** [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>] [severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause <fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] controller detail [id <node-id>]

**Description:** Detailed controller information

**Syntax:**

<i>node-id</i>	(Optional) Optional Serial number
----------------	-----------------------------------

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
<fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] controller detail [id
<node-id>]
```

## show faults l4l7-cluster

**show faults** [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>] [severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause <fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] l4l7-cluster [tenant <Tenant Name>] [cluster <Device Cluster Name>]

**Description:** Show L4 L7 Device information

### Syntax:

<i>Tenant Name</i>	(Optional) Name of Tenant
<i>Device Cluster Name</i>	(Optional) Name of Device

**Command Mode:** exec : Exec Mode

### Command Path:

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
<fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] l4l7-cluster [tenant
<Tenant Name>] [cluster <Device Cluster Name>]
```



# show faults l4l7-graph

**show faults** [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>] [severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause <fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] l4l7-graph [tenant <Tenant Name>] [graph <Graph Name>]

**Description:** Show L4 L7 Graph information

**Syntax:**

<Tenant Name>	(Optional) Name of Tenant
<Graph Name>	(Optional) Name of Graph

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
 [severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
 <fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
 <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] l4l7-graph [tenant
 <Tenant Name>] [graph <Graph Name>]
```

## show faults leaf

```
show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>] [severity <severity-value>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause <fault-value>] [last-minutes <NUMBER>] [last-hours
<NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
<YYYY-MM-DDTHR:MIN:SEC>] [detail] leaf <leafId>
```

**Description:** Show command for leaf

**Syntax:**

<leafId>	Leaf id
----------	---------

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
<fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] leaf <leafId>
```

## show faults leaf fex

**show faults** [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>] [severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause <fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] leaf <leafId> fex <fexNum>

**Description:** Show extended chassis information

### Syntax:

<leafId>	Leaf id
<fexNum>	pls enter fex number

**Command Mode:** exec : Exec Mode

### Command Path:

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
 [severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
 <fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
 <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] leaf <leafId> fex
 <fexNum>
```

## show faults leaf fex module

```
show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>] [severity <severity-value>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause <fault-value>] [last-minutes <NUMBER>] [last-hours
<NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
<YYYY-MM-DDTHR:MIN:SEC>] [detail] leaf <leafId> fex <fexNum> module <lcSlot>
```

**Description:** Show inventory module information

### Syntax:

<leafId>	Leaf id
<fexNum>	pls enter fex number
<lcSlot>	please enter the module number

**Command Mode:** exec : Exec Mode

### Command Path:

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
<fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] leaf <leafId> fex
<fexNum> module <lcSlot>
```

## show faults leaf interface ethernet

```
show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>] [severity <severity-value>]
[min-severity <severity-value>] [type <fault-type>] [cause <fault-value>] [last-minutes <NUMBER>] [last-hours
<NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
<YYYY-MM-DDTHR:MIN:SEC>] [detail] leaf <leafId> interface ethernet <phyInt>
```

**Description:** Ethernet IEEE 802.3z

### Syntax:

<leafId>	Leaf id
<phyInt>	<slot or chassis-number/port or slot number>

**Command Mode:** exec : Exec Mode

### Command Path:

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
<fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] leaf <leafId> interface
ethernet <phyInt>
```

# show faults leaf interface fc

```
show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>] [severity <severity-value>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause <fault-value>] [last-minutes <NUMBER>] [last-hours
<NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
<YYYY-MM-DDTHR:MIN:SEC>] [detail] leaf <leafId> interface fc <phyInt>
```

**Description:** Fibre Channel Protocol

## Syntax:

<leafId>	Leaf id
<phyInt>	<slot or chassis-number/port or slot number>

**Command Mode:** exec : Exec Mode

## Command Path:

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
<fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] leaf <leafId> interface
fc <phyInt>
```

# show faults leaf interface fcportchannel

```
show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>] [severity <severity-value>]
[min-severity <severity-value>] [type <fault-type>] [cause <fault-value>] [last-minutes <NUMBER>] [last-hours
<NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
<YYYY-MM-DDTHR:MIN:SEC>] [detail] leaf <leafId> interface fcportchannel <portChan>
```

**Description:** FC Port channel interface

**Syntax:**

<leafId>	Leaf id
<portChan>	<Port channel number>

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
<fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] leaf <leafId> interface
fcportchannel <portChan>
```

## show faults leaf interface l3instance

```
show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>] [severity <severity-value>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause <fault-value>] [last-minutes <NUMBER>] [last-hours
<NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
<YYYY-MM-DDTHR:MIN:SEC>] [detail] leaf <leafId> interface l3instance <l3Inst>
```

**Description:** L3 instance

**Syntax:**

<leafId>	Leaf id
<l3Inst>	<L3 instance number>

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
<fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] leaf <leafId> interface
l3instance <l3Inst>
```



## show faults leaf interface mgmt

```
show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>] [severity <severity-value>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause <fault-value>] [last-minutes <NUMBER>] [last-hours
<NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
<YYYY-MM-DDTHR:MIN:SEC>] [detail] leaf <leafId> interface mgmt <mgmtPort>
```

**Description:** Management interface

### Syntax:

<leafId>	Leaf id
<mgmtPort>	<Management interface number>

**Command Mode:** exec : Exec Mode

### Command Path:

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
<fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] leaf <leafId> interface
mgmt <mgmtPort>
```

# show faults leaf interface portchannel

```
show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>] [severity <severity-value>]
[min-severity <severity-value>] [type <fault-type>] [cause <fault-value>] [last-minutes <NUMBER>] [last-hours
<NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
<YYYY-MM-DDTHR:MIN:SEC>] [detail] leaf <leafId> interface portchannel <portChan>
```

**Description:** Port channel interface

## Syntax:

<i>&lt;leafId&gt;</i>	Leaf id
<i>&lt;portChan&gt;</i>	<Port channel number>

**Command Mode:** exec : Exec Mode

## Command Path:

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
<fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] leaf <leafId> interface
portchannel <portChan>
```

# show faults leaf interface tunnel

```
show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>] [severity <severity-value>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause <fault-value>] [last-minutes <NUMBER>] [last-hours
<NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
<YYYY-MM-DDTHR:MIN:SEC>] [detail] leaf <leafId> interface tunnel <tunnelPort>
```

**Description:** Tunnel Interface

**Syntax:**

<leafId>	Leaf id
<tunnelPort>	<Tunnel interface number>

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
<fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] leaf <leafId> interface
tunnel <tunnelPort>
```

## show faults leaf interface vethernet

```
show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>] [severity <severity-value>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause <fault-value>] [last-minutes <NUMBER>] [last-hours
<NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
<YYYY-MM-DDTHR:MIN:SEC>] [detail] leaf <leafId> interface vethernet <phyInt>
```

**Description:** vethernet ID

**Syntax:**

<leafId>	Leaf id
<phyInt>	<slot or chassis-number/port or slot number>

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
<fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] leaf <leafId> interface
vethernet <phyInt>
```

## show faults leaf inventory chassis

```
show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>] [severity <severity-value>]
[min-severity <severity-value>] [type <fault-type>] [cause <fault-value>] [last-minutes <NUMBER>] [last-hours
<NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
<YYYY-MM-DDTHR:MIN:SEC>] [detail] leaf <leafId> inventory chassis
```

**Description:** Show inventory chassis information

**Syntax:**

<leafId>	Leaf id
----------	---------

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
<fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] leaf <leafId> inventory
chassis
```

## show faults leaf inventory fans

```
show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>] [severity <severity-value>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause <fault-value>] [last-minutes <NUMBER>] [last-hours
<NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
<YYYY-MM-DDTHR:MIN:SEC>] [detail] leaf <leafId> inventory fans <ftSlot>
```

**Description:** Show inventory fan information

### Syntax:

<leafId>	Leaf id
<ftSlot>	pls enter fan tray number

**Command Mode:** exec : Exec Mode

### Command Path:

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
<fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] leaf <leafId> inventory
fans <ftSlot>
```

# show faults leaf inventory module

```
show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>] [severity <severity-value>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause <fault-value>] [last-minutes <NUMBER>] [last-hours
<NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
<YYYY-MM-DDTHR:MIN:SEC>] [detail] leaf <leafId> inventory module <lcSlot>
```

**Description:** Show inventory module information

**Syntax:**

<leafId>	Leaf id
<lcSlot>	please enter the module number

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
<fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] leaf <leafId> inventory
module <lcSlot>
```

# show faults leaf inventory module fabricport

```
show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>] [severity <severity-value>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause <fault-value>] [last-minutes <NUMBER>] [last-hours
<NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
<YYYY-MM-DDTHR:MIN:SEC>] [detail] leaf <leafId> inventory module <lcSlot> fabricport <fabPort>
```

**Description:** Show information for fabric port

## Syntax:

<leafId>	Leaf id
<lcSlot>	please enter the module number
<fabPort>	pls enter the fabric port number

**Command Mode:** exec : Exec Mode

## Command Path:

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
<fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] leaf <leafId> inventory
module <lcSlot> fabricport <fabPort>
```



## show faults leaf inventory module leafport

```
show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>] [severity <severity-value>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause <fault-value>] [last-minutes <NUMBER>] [last-hours
<NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
<YYYY-MM-DDTHR:MIN:SEC>] [detail] leaf <leafId> inventory module <lcSlot> leafport <leafPort>
```

**Description:** Show information for leaf port

**Syntax:**

<leafId>	Leaf id
<lcSlot>	please enter the module number
<leafPort>	pls enter the leaf port number

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
<fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] leaf <leafId> inventory
module <lcSlot> leafport <leafPort>
```

## show faults leaf inventory powersupply

**show faults** [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>] [severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause <fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] leaf <leafId> inventory powersupply <psuSlot>

**Description:** Show inventory power supply information

### Syntax:

<leafId>	Leaf id
<psuSlot>	pls enter the powersupply number

**Command Mode:** exec : Exec Mode

### Command Path:

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
<fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] leaf <leafId> inventory
powersupply <psuSlot>
```

# show faults leaf inventory supervisor

```
show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>] [severity <severity-value>]
[min-severity <severity-value>] [type <fault-type>] [cause <fault-value>] [last-minutes <NUMBER>] [last-hours
<NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
<YYYY-MM-DDTHR:MIN:SEC>] [detail] leaf <leafId> inventory supervisor <supMod>
```

**Description:** Show information for supervisor module

**Syntax:**

<leafId>	Leaf id
<supMod>	pls enter the supervisor module number

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
<fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] leaf <leafId> inventory
supervisor <supMod>
```

# show faults leaf protocol

```
show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>] [severity <severity-value>]
[min-severity <severity-value>] [type <fault-type>] [cause <fault-value>] [last-minutes <NUMBER>] [last-hours
<NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
<YYYY-MM-DDTHR:MIN:SEC>] [detail] leaf <leafId> protocol <protName>
```

**Description:** Show command for protocol

## Syntax:

<leafId>	Leaf id
<protName>	Protocol name

**Command Mode:** exec : Exec Mode

## Command Path:

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
<fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] leaf <leafId> protocol
<protName>
```

# show faults leaf vpc

```
show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>] [severity <severity-value>]
[min-severity <severity-value>] [type <fault-type>] [cause <fault-value>] [last-minutes <NUMBER>] [last-hours
<NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
<YYYY-MM-DDTHR:MIN:SEC>] [detail] leaf <leafId> vpc <vpcPort>
```

**Description:** Virtual port channel information

**Syntax:**

<leafId>	Leaf id
<vpcPort>	pls enter virtual port channel number

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
<fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] leaf <leafId> vpc
<vpcPort>
```

## show faults leaf vrf

```
show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>] [severity <severity-value>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause <fault-value>] [last-minutes <NUMBER>] [last-hours
<NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
<YYYY-MM-DDTHR:MIN:SEC>] [detail] leaf <leafId> vrf <vrfPort>
```

**Description:** Vrf information

### Syntax:

<leafId>	Leaf id
<vrfPort>	pls enter vrf name

**Command Mode:** exec : Exec Mode

### Command Path:

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
<fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] leaf <leafId> vrf
<vrfPort>
```

## show faults microsoft domain

```
show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>] [severity <severity-value>]
[min-severity <severity-value>] [type <fault-type>] [cause <fault-value>] [last-minutes <NUMBER>] [last-hours
<NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
<YYYY-MM-DDTHR:MIN:SEC>] [detail] microsoft domain
```

**Description:** Show Microsoft domain information

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
<fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] microsoft domain
```

## show faults microsoft domain name

```
show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>] [severity <severity-value>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause <fault-value>] [last-minutes <NUMBER>] [last-hours
<NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
<YYYY-MM-DDTHR:MIN:SEC>] [detail] microsoft domain name <WORD>
```

**Description:** Microsoft domain name

**Syntax:**

<i>WORD</i>	Microsoft domain name
-------------	-----------------------

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
<fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] microsoft domain name
<WORD>
```



## show faults microsoft domain name hyperv

```
show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>] [severity <severity-value>]
[min-severity <severity-value>] [type <fault-type>] [cause <fault-value>] [last-minutes <NUMBER>] [last-hours
<NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
<YYYY-MM-DDTHR:MIN:SEC>] [detail] microsoft domain name <WORD> hyperv <WORD>
```

**Description:** Show Microsoft Hypervisor information

**Syntax:**

<i>WORD</i>	Microsoft domain name
<i>WORD</i>	HyperV hostname

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
<fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] microsoft domain name
<WORD> hyperv <WORD>
```

## show faults microsoft domain name port-group

**show faults** [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>] [severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause <fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] microsoft domain name <WORD> port-group

**Description:** Show Microsoft port group information

**Syntax:**

<i>WORD</i>	Microsoft domain name
-------------	-----------------------

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
  [severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
<fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] microsoft domain name
<WORD> port-group
```

# show faults microsoft domain name scvmm

```
show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>] [severity <severity-value>]
[min-severity <severity-value>] [type <fault-type>] [cause <fault-value>] [last-minutes <NUMBER>] [last-hours
<NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
<YYYY-MM-DDTHR:MIN:SEC>] [detail] microsoft domain name <WORD> scvmm <hostname|ip>
```

**Description:** Show Microsoft SCVMM information

**Syntax:**

<i>WORD</i>	Microsoft domain name
<hostname ip>	SCVMM hostname or IP

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
<fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] microsoft domain name
<WORD> scvmm <hostname|ip>
```

## show faults microsoft domain name vm

**show faults** [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>] [severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause <fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] microsoft domain name <WORD> vm

**Description:** Show Microsoft VM information

### Syntax:

<i>WORD</i>	Microsoft domain name
-------------	-----------------------

**Command Mode:** exec : Exec Mode

### Command Path:

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
  [severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
<fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] microsoft domain name
<WORD> vm
```

# show faults microsoft domain name vm name

**show faults** [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>] [severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause <fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] microsoft domain name <WORD> vm name <WORD>

**Description:** Show detailed Microsoft VM information

**Syntax:**

<i>WORD</i>	Microsoft domain name
<i>WORD</i>	VM Name

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
<fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] microsoft domain name
<WORD> vm name <WORD>
```

## show faults quota

```
show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>] [severity <severity-value>]
[min-severity <severity-value>] [type <fault-type>] [cause <fault-value>] [last-minutes <NUMBER>] [last-hours
<NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
<YYYY-MM-DDTHR:MIN:SEC>] [detail] quota
```

**Description:** Show Quotas Information

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
<fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] quota
```

# show faults redhat domain

```
show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>] [severity <severity-value>]
[min-severity <severity-value>] [type <fault-type>] [cause <fault-value>] [last-minutes <NUMBER>] [last-hours
<NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
<YYYY-MM-DDTHR:MIN:SEC>] [detail] redhat domain
```

**Description:** Show Redhat domain information

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
<fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] redhat domain
```

# show faults redhat domain name

**show faults** [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>] [severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause <fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] redhat domain name <name>

**Description:** Redhat domain name

## Syntax:

<name>	Redhat domain name
--------	--------------------

**Command Mode:** exec : Exec Mode

## Command Path:

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
  [severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
<fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] redhat domain name
<name>
```



# show faults redhat domain name epg

```
show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>] [severity <severity-value>]
[min-severity <severity-value>] [type <fault-type>] [cause <fault-value>] [last-minutes <NUMBER>] [last-hours
<NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
<YYYY-MM-DDTHR:MIN:SEC>] [detail] redhat domain name <name> epg
```

**Description:** Show Redhat domain EPG details

**Syntax:**

<i>&lt;name&gt;</i>	Redhat domain name
---------------------	--------------------

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
<fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] redhat domain name
<name> epg
```

# show faults redhat domain name rhev

```
show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>] [severity <severity-value>]
[min-severity <severity-value>] [type <fault-type>] [cause <fault-value>] [last-minutes <NUMBER>] [last-hours
<NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
<YYYY-MM-DDTHR:MIN:SEC>] [detail] redhat domain name <name> rhev <hostname|ip>
```

**Description:** RHEV ip or hostname

## Syntax:

<i>&lt;name&gt;</i>	Redhat domain name
<i>&lt;hostname ip&gt;</i>	rhev hostname or IP

**Command Mode:** exec : Exec Mode

## Command Path:

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
<fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] redhat domain name
<name> rhev <hostname|ip>
```

# show faults spine

**show faults** [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>] [severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause <fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] spine <leafId>

**Description:** Show command for spine

**Syntax:**

<leafId>	Leaf id
----------	---------

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
<fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] spine <leafId>
```

## show faults spine interface ethernet

```
show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>] [severity <severity-value>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause <fault-value>] [last-minutes <NUMBER>] [last-hours
<NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
<YYYY-MM-DDTHR:MIN:SEC>] [detail] spine <leafId> interface ethernet <phyInt>
```

**Description:** Ethernet IEEE 802.3z

### Syntax:

<leafId>	Leaf id
<phyInt>	<slot or chassis-number/port or slot number>

**Command Mode:** exec : Exec Mode

### Command Path:

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
<fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] spine <leafId> interface
ethernet <phyInt>
```

# show faults spine interface l3instance

```
show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>] [severity <severity-value>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause <fault-value>] [last-minutes <NUMBER>] [last-hours
<NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
<YYYY-MM-DDTHR:MIN:SEC>] [detail] spine <leafId> interface l3instance <l3Inst>
```

**Description:** L3 instance

**Syntax:**

<leafId>	Leaf id
<l3Inst>	<L3 instance number>

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
<fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] spine <leafId> interface
l3instance <l3Inst>
```

## show faults spine interface mgmt

```
show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>] [severity <severity-value>]
[min-severity <severity-value>] [type <fault-type>] [cause <fault-value>] [last-minutes <NUMBER>] [last-hours
<NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
<YYYY-MM-DDTHR:MIN:SEC>] [detail] spine <leafId> interface mgmt <mgmtPort>
```

**Description:** Management interface

**Syntax:**

<leafId>	Leaf id
<mgmtPort>	<Management interface number>

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
<fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] spine <leafId> interface
mgmt <mgmtPort>
```

# show faults spine interface tunnel

```
show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>] [severity <severity-value>]
[min-severity <severity-value>] [type <fault-type>] [cause <fault-value>] [last-minutes <NUMBER>] [last-hours
<NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
<YYYY-MM-DDTHR:MIN:SEC>] [detail] spine <leafId> interface tunnel <tunnelPort>
```

**Description:** Tunnel Interface

**Syntax:**

<leafId>	Leaf id
<tunnelPort>	<Tunnel interface number>

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
<fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] spine <leafId> interface
tunnel <tunnelPort>
```

## show faults spine inventory chassis

**show faults** [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>] [severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause <fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] spine <leafId> inventory chassis

**Description:** Show inventory chassis information

### Syntax:

<leafId>	Leaf id
----------	---------

**Command Mode:** exec : Exec Mode

### Command Path:

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
<fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] spine <leafId> inventory
chassis
```



# show faults spine inventory fabric

```
show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>] [severity <severity-value>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause <fault-value>] [last-minutes <NUMBER>] [last-hours
<NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
<YYYY-MM-DDTHR:MIN:SEC>] [detail] spine <leafId> inventory fabric <fcMod>
```

**Description:** Show information for fabric module

**Syntax:**

<leafId>	Leaf id
<fcMod>	pls enter the fabric module number

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
<fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] spine <leafId> inventory
fabric <fcMod>
```

## show faults spine inventory fans

```
show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>] [severity <severity-value>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause <fault-value>] [last-minutes <NUMBER>] [last-hours
<NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
<YYYY-MM-DDTHR:MIN:SEC>] [detail] spine <leafId> inventory fans <ftSlot>
```

**Description:** Show inventory fan information

### Syntax:

<leafId>	Leaf id
<ftSlot>	pls enter fan tray number

**Command Mode:** exec : Exec Mode

### Command Path:

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
<fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] spine <leafId> inventory
fans <ftSlot>
```

## show faults spine inventory module

```
show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>] [severity <severity-value>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause <fault-value>] [last-minutes <NUMBER>] [last-hours
<NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
<YYYY-MM-DDTHR:MIN:SEC>] [detail] spine <leafId> inventory module <lcSlot>
```

**Description:** Show inventory module information

**Syntax:**

<leafId>	Leaf id
<lcSlot>	please enter the module number

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
<fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] spine <leafId> inventory
module <lcSlot>
```

## show faults spine inventory module fabricport

```
show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>] [severity <severity-value>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause <fault-value>] [last-minutes <NUMBER>] [last-hours
<NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
<YYYY-MM-DDTHR:MIN:SEC>] [detail] spine <leafId> inventory module <lcSlot> fabricport <fabPort>
```

**Description:** Show information for fabric port

### Syntax:

<leafId>	Leaf id
<lcSlot>	please enter the module number
<fabPort>	pls enter the fabric port number

**Command Mode:** exec : Exec Mode

### Command Path:

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
<fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] spine <leafId> inventory
module <lcSlot> fabricport <fabPort>
```

## show faults spine inventory powersupply

```
show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>] [severity <severity-value>]
[min-severity <severity-value>] [type <fault-type>] [cause <fault-value>] [last-minutes <NUMBER>] [last-hours
<NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
<YYYY-MM-DDTHR:MIN:SEC>] [detail] spine <leafId> inventory powersupply <psuSlot>
```

**Description:** Show inventory power supply information

### Syntax:

<leafId>	Leaf id
<psuSlot>	pls enter the powersupply number

**Command Mode:** exec : Exec Mode

### Command Path:

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
<fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] spine <leafId> inventory
powersupply <psuSlot>
```

## show faults spine inventory supervisor

**show faults** [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>] [severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause <fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] spine <leafId> inventory supervisor <supMod>

**Description:** Show information for supervisor module

### Syntax:

<leafId>	Leaf id
<supMod>	pls enter the supervisor module number

**Command Mode:** exec : Exec Mode

### Command Path:

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
<fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] spine <leafId> inventory
supervisor <supMod>
```

## show faults spine inventory system

```
show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>] [severity <severity-value>]
[min-severity <severity-value>] [type <fault-type>] [cause <fault-value>] [last-minutes <NUMBER>] [last-hours
<NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
<YYYY-MM-DDTHR:MIN:SEC>] [detail] spine <leafId> inventory system <sysMod>
```

**Description:** Show information for system module

**Syntax:**

<leafId>	Leaf id
<sysMod>	pls enter the system module number

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
<fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] spine <leafId> inventory
system <sysMod>
```

# show faults spine protocol

```
show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>] [severity <severity-value>]
[min-severity <severity-value>] [type <fault-type>] [cause <fault-value>] [last-minutes <NUMBER>] [last-hours
<NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
<YYYY-MM-DDTHR:MIN:SEC>] [detail] spine <leafId> protocol <protName>
```

**Description:** Show command for protocol

**Syntax:**

<leafId>	Leaf id
<protName>	Protocol name

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
<fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] spine <leafId> protocol
<protName>
```



## show faults spine vrf

```
show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>] [severity <severity-value>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause <fault-value>] [last-minutes <NUMBER>] [last-hours
<NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
<YYYY-MM-DDTHR:MIN:SEC>] [detail] spine <leafId> vrf <vrfPort>
```

**Description:** Vrf information

**Syntax:**

<leafId>	Leaf id
<vrfPort>	pls enter vrf name

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
<fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] spine <leafId> vrf
<vrfPort>
```

# show faults tenant

**show faults** [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>] [severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause <fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant **WORD**

**Description:** Show Tenants Information

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
-------------	---

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
<fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD
```

## show faults tenant application

**show faults** [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>] [severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause <fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant **WORD** application **WORD**

**Description:** Show Application Profiles Information

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the application we eventually want to filter on (Max Size 64)

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
<fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD application
WORD
```

## show faults tenant application epg

**show faults** [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>] [severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause <fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant **WORD** application **WORD** epg **WORD**

**Description:** Show Application EPG Information

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the application we eventually want to filter on (Max Size 64)
<i>WORD</i>	Name of the AEPG to filter on (Max Size 64)

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
<fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD application
WORD epg WORD
```

# show faults tenant bridge-domain

**show faults** [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>] [severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause <fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant **WORD** bridge-domain **WORD**

**Description:** Show Bridge-domain Information

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the bridge-domain (Max Size 64)

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
 [severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
 <fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
 <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD
bridge-domain WORD
```

## show faults tenant bridge-domain detail

**show faults** [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>] [severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause <fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD bridge-domain WORD detail

**Description:** Show Bridge-domain Detailed Information

### Syntax:

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the bridge-domain (Max Size 64)

**Command Mode:** exec : Exec Mode

### Command Path:

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
  [severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
<fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD
bridge-domain WORD detail
```

# show faults tenant bridge-domain first-hop-security binding-table

```
show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>] [severity <severity-value>]
[min-severity <severity-value>] [type <fault-type>] [cause <fault-value>] [last-minutes <NUMBER>] [last-hours
<NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
<YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD bridge-domain WORD first-hop-security binding-table
```

**Description:** Show Bridge-domain Binding Table Information

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the bridge-domain (Max Size 64)

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
<fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD
bridge-domain WORD first-hop-security binding-table
```

# show faults tenant bridge-domain first-hop-security statistics arp

**show faults** [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>] [severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause <fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD bridge-domain WORD first-hop-security statistics arp

**Description:** Show Bridge-domain First Hop Security ARP Statistics

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the bridge-domain (Max Size 64)

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
<fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD
bridge-domain WORD first-hop-security statistics arp
```



# show faults tenant bridge-domain first-hop-security statistics dhcpv4

```
show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>] [severity <severity-value>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause <fault-value>] [last-minutes <NUMBER>] [last-hours
<NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
<YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD bridge-domain WORD first-hop-security statistics
dhcpv4
```

**Description:** Show Bridge-domain First Hop Security DHCPv4 Statistics

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the bridge-domain (Max Size 64)

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
<fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD
bridge-domain WORD first-hop-security statistics dhcpv4
```

# show faults tenant bridge-domain first-hop-security statistics dhcpv6

```
show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>] [severity <severity-value>]
[min-severity <severity-value>] [type <fault-type>] [cause <fault-value>] [last-minutes <NUMBER>] [last-hours
<NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
<YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD bridge-domain WORD first-hop-security statistics
dhcpv6
```

**Description:** Show Bridge-domain First Hop Security DHCPv6 Statistics

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the bridge-domain (Max Size 64)

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
<fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD
bridge-domain WORD first-hop-security statistics dhcpv6
```

# show faults tenant bridge-domain first-hop-security statistics neighbor-discovery

```
show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>] [severity <severity-value>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause <fault-value>] [last-minutes <NUMBER>] [last-hours
<NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
<YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD bridge-domain WORD first-hop-security statistics
neighbor-discovery
```

**Description:** Show Bridge-domain First Hop Security Neighbor Discovery Statistics

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the bridge-domain (Max Size 64)

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
<fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD
bridge-domain WORD first-hop-security statistics neighbor-discovery
```

## show faults tenant dnsservergroup

**show faults** [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>] [severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause <fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD dnsservergroup WORD

**Description:** Show Dns Server Group Information

### Syntax:

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the dns server group we eventually want to filter on (Max Size 16)

**Command Mode:** exec : Exec Mode

### Command Path:

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
  [severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
<fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD
dnsservergroup WORD
```

## show faults tenant dnsservergroup server

```
show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>] [severity <severity-value>]
[min-severity <severity-value>] [type <fault-type>] [cause <fault-value>] [last-minutes <NUMBER>] [last-hours
<NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
<YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD dnsservergroup WORD server WORD
```

**Description:** Show Dns Server Information

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the dns server group we eventually want to filter on (Max Size 16)
<i>WORD</i>	IP of server we eventually want to filter on (Max Size None)

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
<fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD
dnsservergroup WORD server WORD
```

## show faults tenant dnsservergroup server domain

**show faults** [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>] [severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause <fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD dnsservergroup WORD server WORD domain WORD

**Description:** Show Dns Domain Information

### Syntax:

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the dns server group we eventually want to filter on (Max Size 16)
<i>WORD</i>	IP of server we eventually want to filter on (Max Size None)
<i>WORD</i>	Domain we eventually want to filter on (Max Size 512)

**Command Mode:** exec : Exec Mode

### Command Path:

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
  [severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
<fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD
dnsservergroup WORD server WORD domain WORD
```

## show faults tenant interface bridge-domain

**show faults** [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>] [severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause <fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant **WORD** interface bridge-domain **WORD**

**Description:** Show Bridge-domain Information

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the bridge-domain (Max Size 64)

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
<fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD interface
bridge-domain WORD
```

## show faults tenant interface bridge-domain detail

**show faults** [**history**] [**code** <fault-code>] [**id** <fault-ID>] [**ack** <yes|no>] [**lc** <lc-state>] [**severity** <severity-value>] [**min-severity** <severity-value>] [**type** <fault-type>] [**cause** <fault-value>] [**last-minutes** <NUMBER>] [**last-hours** <NUMBER>] [**last-days** <NUMBER>] [**start-time** <YYYY-MM-DDTHR:MIN:SEC>] [**end-time** <YYYY-MM-DDTHR:MIN:SEC>] [**detail**] **tenant** **WORD** **interface** **bridge-domain** **WORD** **detail**

**Description:** Show Bridge-domain Detailed Information

### Syntax:

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the bridge-domain (Max Size 64)

**Command Mode:** exec : Exec Mode

### Command Path:

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
<fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD interface
bridge-domain WORD detail
```



# show faults tenant interface bridge-domain first-hop-security binding-table

```
show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>] [severity <severity-value>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause <fault-value>] [last-minutes <NUMBER>] [last-hours
<NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
<YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD interface bridge-domain WORD first-hop-security
binding-table
```

**Description:** Show Bridge-domain Binding Table Information

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the bridge-domain (Max Size 64)

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
<fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD interface
bridge-domain WORD first-hop-security binding-table
```

# show faults tenant interface bridge-domain first-hop-security statistics arp

```
show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>] [severity <severity-value>]
[min-severity <severity-value>] [type <fault-type>] [cause <fault-value>] [last-minutes <NUMBER>] [last-hours
<NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
<YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD interface bridge-domain WORD first-hop-security
statistics arp
```

**Description:** Show Bridge-domain First Hop Security ARP Statistics

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the bridge-domain (Max Size 64)

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
<fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD interface
bridge-domain WORD first-hop-security statistics arp
```

# show faults tenant interface bridge-domain first-hop-security statistics dhcpv4

```
show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>] [severity <severity-value>]
[min-severity <severity-value>] [type <fault-type>] [cause <fault-value>] [last-minutes <NUMBER>] [last-hours
<NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
<YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD interface bridge-domain WORD first-hop-security
statistics dhcpv4
```

**Description:** Show Bridge-domain First Hop Security DHCPv4 Statistics

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the bridge-domain (Max Size 64)

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
<fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD interface
bridge-domain WORD first-hop-security statistics dhcpv4
```

# show faults tenant interface bridge-domain first-hop-security statistics dhcpv6

```
show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>] [severity <severity-value>]
[min-severity <severity-value>] [type <fault-type>] [cause <fault-value>] [last-minutes <NUMBER>] [last-hours
<NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
<YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD interface bridge-domain WORD first-hop-security
statistics dhcpv6
```

**Description:** Show Bridge-domain First Hop Security DHCPv6 Statistics

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the bridge-domain (Max Size 64)

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
<fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD interface
bridge-domain WORD first-hop-security statistics dhcpv6
```

# show faults tenant interface bridge-domain first-hop-security statistics neighbor-discovery

```
show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>] [severity <severity-value>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause <fault-value>] [last-minutes <NUMBER>] [last-hours
<NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
<YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD interface bridge-domain WORD first-hop-security
statistics neighbor-discovery
```

**Description:** Show Bridge-domain First Hop Security Neighbor Discovery Statistics

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the bridge-domain (Max Size 64)

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
<fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD interface
bridge-domain WORD first-hop-security statistics neighbor-discovery
```

## show faults tenant multicast-route-maps

```
show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>] [severity <severity-value>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause <fault-value>] [last-minutes <NUMBER>] [last-hours
<NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
<YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD multicast-route-maps
```

**Description:** Show multicast route-maps per Tenant

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
-------------	---

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
<fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD
multicast-route-maps
```

## show faults tenant vrf

**show faults** [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>] [severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause <fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant **WORD** vrf **WORD**

**Description:** Show VRF Information

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the VRF to filter on (Max Size 64)

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
<fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD vrf WORD
```

## show faults tenant vrf acllog l2

```
show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>] [severity <severity-value>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause <fault-value>] [last-minutes <NUMBER>] [last-hours
<NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
<YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD vrf WORD acllog <permitDrop> l2 flow vlan <NUMBER>
srcintf <srcintf>
```

**Description:** L2 flow stats

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the VRF to filter on (Max Size 64)
<i>permitDrop</i>	permitDrop
flow	flowi stats
vlan	vlan info
<vlan>	<vlan>. Number range from=0 to=9223372036854775807
srcintf	source interface
<srcintf>	<srcintf>

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
<fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD vrf WORD
acllog <permitDrop> l2 flow vlan <NUMBER> srcintf <srcintf>
```



## show faults tenant vrf acllog l3

```
show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>] [severity <severity-value>]
[min-severity <severity-value>] [type <fault-type>] [cause <fault-value>] [last-minutes <NUMBER>] [last-hours
<NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
<YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD vrf WORD acllog <permitDrop> l3 flow srcpctag
<srcpctag> dstpctag <dstpctag> srcepname <srcepname> dstepname <dstepname> srcip <A.B.C.D or
A:B::C:D> dstip <A.B.C.D or A:B::C:D> proto <proto> srcport <srcport> dstport <dstport> srcintf <srcintf>
```

**Description:** L3 flow stats

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the VRF to filter on (Max Size 64)
<i>permitDrop</i>	permitDrop
flow	flow stats
srcpctag	source pc tag
< <i>srcpctag</i> >	<srcpctag>
dstpctag	destination pc tag
< <i>dstpctag</i> >	<dstpctag>
srcepname	source epg name
< <i>srcepname</i> >	<srcepname>
dstepname	destination epg name
< <i>dstepname</i> >	<dstepname>
srcip	source ip
<i>A.B.C.D or A:B::C:D</i>	IP address in format i.i.i.i or IPv6 address in format xxxx:xxxx, xxxx::xx
dstip	destination ip
<i>A.B.C.D or A:B::C:D</i>	IP address in format i.i.i.i or IPv6 address in format xxxx:xxxx, xxxx::xx
proto	protocol
< <i>proto</i> >	<proto>
srcport	source port
< <i>srcport</i> >	<srcport>
dstport	destination port

<i>&lt;dstport&gt;</i>	<i>&lt;dstport&gt;</i>
srcintf	source interface
<i>&lt;srcintf&gt;</i>	<i>&lt;srcintf&gt;</i>

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
<fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD vrf WORD
acllog <permitDrop> l3 flow srcpctag <srcpctag> dstpctag <dstpctag> srcepname <srcepname>
dstepname <dstepname> srcip <A.B.C.D or A:B::C:D> dstip <A.B.C.D or A:B::C:D> proto
<proto> srcport <srcport> dstport <dstport> srcintf <srcintf>
```

# show faults tenant vrf detail

**show faults** [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>] [severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause <fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant **WORD** vrf **WORD** detail

**Description:** Show detailed view of VRF

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the VRF to filter on (Max Size 64)

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
<fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD vrf WORD
detail
```

## show faults tenant vrf external-l3 bgp

**show faults** [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>] [severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause <fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD vrf WORD external-l3 bgp

**Description:** Show command for BGP peers

### Syntax:

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the VRF to filter on (Max Size 64)

**Command Mode:** exec : Exec Mode

### Command Path:

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
<fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD vrf WORD
external-l3 bgp
```

## show faults tenant vrf external-l3 bgp node

```
show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>] [severity <severity-value>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause <fault-value>] [last-minutes <NUMBER>] [last-hours
<NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
<YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD vrf WORD external-l3 bgp node <101-4000>
```

**Description:** node to filter on

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the VRF to filter on (Max Size 64)
<i>&lt;101-4000&gt;</i>	Leaf Range or Leaf Name List

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
<fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD vrf WORD
external-l3 bgp node <101-4000>
```

## show faults tenant vrf external-l3 eigrp

**show faults** [*history*] [*code* <fault-code>] [*id* <fault-ID>] [*ack* <yes|no>] [*lc* <lc-state>] [*severity* <severity-value>] [*min-severity* <severity-value>] [*type* <fault-type>] [*cause* <fault-value>] [*last-minutes* <NUMBER>] [*last-hours* <NUMBER>] [*last-days* <NUMBER>] [*start-time* <YYYY-MM-DDTHR:MIN:SEC>] [*end-time* <YYYY-MM-DDTHR:MIN:SEC>] [*detail*] tenant *WORD* vrf *WORD* external-l3 eigrp

**Description:** Show external l3 EIGRP

### Syntax:

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the VRF to filter on (Max Size 64)

**Command Mode:** exec : Exec Mode

### Command Path:

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
<fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD vrf WORD
external-l3 eigrp
```

# show faults tenant vrf external-l3 eigrp detail

```
show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>] [severity <severity-value>]
[min-severity <severity-value>] [type <fault-type>] [cause <fault-value>] [last-minutes <NUMBER>] [last-hours
<NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
<YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD vrf WORD external-l3 eigrp detail
```

**Description:** Show interanl details

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the VRF to filter on (Max Size 64)

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
<fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD vrf WORD
external-l3 eigrp detail
```

## show faults tenant vrf external-l3 epg

**show faults** [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>] [severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause <fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD vrf WORD external-l3 epg <epgName>

**Description:** Show command for external-l3 epgs

### Syntax:

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the VRF to filter on (Max Size 64)
<i>&lt;epgName&gt;</i>	Name of the EPG to filter on

**Command Mode:** exec : Exec Mode

### Command Path:

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
<fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD vrf WORD
external-l3 epg <epgName>
```



## show faults tenant vrf external-l3 epg detail

```
show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>] [severity <severity-value>]
[min-severity <severity-value>] [type <fault-type>] [cause <fault-value>] [last-minutes <NUMBER>] [last-hours
<NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
<YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD vrf WORD external-l3 epg <epgName> detail
```

**Description:** external-l3 epg in detail with operational status

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the VRF to filter on (Max Size 64)
<i>&lt;epgName&gt;</i>	Name of the EPG to filter on

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
<fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD vrf WORD
external-l3 epg <epgName> detail
```

## show faults tenant vrf external-l3 epg name

```
show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>] [severity <severity-value>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause <fault-value>] [last-minutes <NUMBER>] [last-hours
<NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
<YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD vrf WORD external-l3 epg <epgName> name <epgName>
```

**Description:** EPG name to filter on

### Syntax:

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the VRF to filter on (Max Size 64)
<i>&lt;epgName&gt;</i>	Name of the EPG to filter on
<i>&lt;epgName&gt;</i>	Name of the EPG to filter on

**Command Mode:** exec : Exec Mode

### Command Path:

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
<fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD vrf WORD
external-l3 epg <epgName> name <epgName>
```

## show faults tenant vrf external-l3 epg name detail

```
show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>] [severity <severity-value>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause <fault-value>] [last-minutes <NUMBER>] [last-hours
<NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
<YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD vrf WORD external-l3 epg <epgName> name <epgName>
detail
```

**Description:** external-l3 epg in detail with operational status

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the VRF to filter on (Max Size 64)
<i>&lt;epgName&gt;</i>	Name of the EPG to filter on
<i>&lt;epgName&gt;</i>	Name of the EPG to filter on

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
<fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD vrf WORD
external-l3 epg <epgName> name <epgName> detail
```

## show faults tenant vrf external-l3 interfaces

**show faults** [**history**] [**code** <fault-code>] [**id** <fault-ID>] [**ack** <yes|no>] [**lc** <lc-state>] [**severity** <severity-value>] [**min-severity** <severity-value>] [**type** <fault-type>] [**cause** <fault-value>] [**last-minutes** <NUMBER>] [**last-hours** <NUMBER>] [**last-days** <NUMBER>] [**start-time** <YYYY-MM-DDTHR:MIN:SEC>] [**end-time** <YYYY-MM-DDTHR:MIN:SEC>] [**detail**] **tenant** WORD **vrf** WORD **external-l3 interfaces**

**Description:** Show tenant <tenant> vrf <vrf> external l3 interfaces

### Syntax:

WORD	Name of the tenant to filter on (Max Size 63)
WORD	Name of the VRF to filter on (Max Size 64)

**Command Mode:** exec : Exec Mode

### Command Path:

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
<fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD vrf WORD
external-l3 interfaces
```

## show faults tenant vrf external-l3 interfaces detail

```
show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>] [severity <severity-value>]
[min-severity <severity-value>] [type <fault-type>] [cause <fault-value>] [last-minutes <NUMBER>] [last-hours
<NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
<YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD vrf WORD external-l3 interfaces detail
```

**Description:** Show interfaces details

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the VRF to filter on (Max Size 64)

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
<fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD vrf WORD
external-l3 interfaces detail
```

## show faults tenant vrf external-l3 ospf

**show faults** [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>] [severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause <fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant **WORD** vrf **WORD** external-l3 ospf

**Description:** Show command for IPv4 and IPv6 external l3 OSPF configuration

### Syntax:

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the VRF to filter on (Max Size 64)

**Command Mode:** exec : Exec Mode

### Command Path:

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
<fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD vrf WORD
external-l3 ospf
```

## show faults tenant vrf external-l3 ospf detail

**show faults** [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>] [severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause <fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant **WORD** vrf **WORD** external-l3 ospf detail

**Description:** Show internal details

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the VRF to filter on (Max Size 64)

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
<fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD vrf WORD
external-l3 ospf detail
```

## show faults tenant vrf external-l3 scale

**show faults** [**history**] [**code** <fault-code>] [**id** <fault-ID>] [**ack** <yes|no>] [**lc** <lc-state>] [**severity** <severity-value>] [**min-severity** <severity-value>] [**type** <fault-type>] [**cause** <fault-value>] [**last-minutes** <NUMBER>] [**last-hours** <NUMBER>] [**last-days** <NUMBER>] [**start-time** <YYYY-MM-DDTHR:MIN:SEC>] [**end-time** <YYYY-MM-DDTHR:MIN:SEC>] [**detail**] **tenant** WORD **vrf** WORD **external-l3 scale**

**Description:** scale command

### Syntax:

WORD	Name of the tenant to filter on (Max Size 63)
WORD	Name of the VRF to filter on (Max Size 64)

**Command Mode:** exec : Exec Mode

### Command Path:

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
<fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD vrf WORD
external-l3 scale
```



# show faults tenant vrf external-l3 scale detail

```
show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>] [severity <severity-value>]
[min-severity <severity-value>] [type <fault-type>] [cause <fault-value>] [last-minutes <NUMBER>] [last-hours
<NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
<YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD vrf WORD external-l3 scale detail
```

**Description:** Show scale details

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the VRF to filter on (Max Size 64)

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
<fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD vrf WORD
external-l3 scale detail
```

## show faults tenant vrf external-l3 static-route

**show faults** [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>] [severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause <fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant **WORD** vrf **WORD** external-l3 static-route

**Description:** Show command for external-l3 static routes

### Syntax:

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the VRF to filter on (Max Size 64)

**Command Mode:** exec : Exec Mode

### Command Path:

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
<fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD vrf WORD
external-l3 static-route
```

## show faults tenant vrf external-l3 static-route detail

```
show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>] [severity <severity-value>]
[min-severity <severity-value>] [type <fault-type>] [cause <fault-value>] [last-minutes <NUMBER>] [last-hours
<NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
<YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD vrf WORD external-l3 static-route detail
```

**Description:** static-route in detail with operational status

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the VRF to filter on (Max Size 64)

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
<fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD vrf WORD
external-l3 static-route detail
```

## show faults tenant vrf external-l3 static-route node

**show faults** [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>] [severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause <fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD vrf WORD external-l3 static-route node

**Description:** node to filter on

### Syntax:

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the VRF to filter on (Max Size 64)
<i>arg</i>	Leaf Range or Leaf Name List

**Command Mode:** exec : Exec Mode

### Command Path:

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
<fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD vrf WORD
external-l3 static-route node
```

## show faults tenant vrf external-l3 static-route node detail

```
show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>] [severity <severity-value>]
[min-severity <severity-value>] [type <fault-type>] [cause <fault-value>] [last-minutes <NUMBER>] [last-hours
<NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
<YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD vrf WORD external-l3 static-route node detail
```

**Description:** static-route in detail with operational status

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the VRF to filter on (Max Size 64)
<i>arg</i>	Leaf Range or Leaf Name List

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
<fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD vrf WORD
external-l3 static-route node detail
```

## show faults tenant vrf multicast

**show faults** [**history**] [**code** <fault-code>] [**id** <fault-ID>] [**ack** <yes|no>] [**lc** <lc-state>] [**severity** <severity-value>] [**min-severity** <severity-value>] [**type** <fault-type>] [**cause** <fault-value>] [**last-minutes** <NUMBER>] [**last-hours** <NUMBER>] [**last-days** <NUMBER>] [**start-time** <YYYY-MM-DDTHR:MIN:SEC>] [**end-time** <YYYY-MM-DDTHR:MIN:SEC>] [**detail**] **tenant** WORD **vrf** WORD **multicast**

**Description:** Show multicast configuration per VRF

### Syntax:

WORD	Name of the tenant to filter on (Max Size 63)
WORD	Name of the VRF to filter on (Max Size 64)

**Command Mode:** exec : Exec Mode

### Command Path:

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
<fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD vrf WORD
multicast
```

# show faults vmware domain

```
show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>] [severity <severity-value>]
[min-severity <severity-value>] [type <fault-type>] [cause <fault-value>] [last-minutes <NUMBER>] [last-hours
<NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
<YYYY-MM-DDTHR:MIN:SEC>] [detail] vmware domain
```

**Description:** Show VMware domain information

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
<fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] vmware domain
```

## show faults vmware domain name

**show faults** [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>] [severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause <fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] vmware domain name <name>

**Description:** VMware domain name

**Syntax:**

<name>	VMware domain name
--------	--------------------

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
  [severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
<fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] vmware domain
name <name>
```



## show faults vmware domain name epg

```
show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>] [severity <severity-value>]
[min-severity <severity-value>] [type <fault-type>] [cause <fault-value>] [last-minutes <NUMBER>] [last-hours
<NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
<YYYY-MM-DDTHR:MIN:SEC>] [detail] vmware domain name <name> epg
```

**Description:** Show VMware domain EPG details

**Syntax:**

<name>	VMware domain name
--------	--------------------

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
<fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] vmware domain name
<name> epg
```

## show faults vmware domain name esx

**show faults** [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>] [severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause <fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] vmware domain name <name> esx <esx-ip>

**Description:** Show VMware ESX information

### Syntax:

<name>	VMware domain name
<esx-ip>	ESX IP

**Command Mode:** exec : Exec Mode

### Command Path:

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
<fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] vmware domain name
<name> esx <esx-ip>
```

## show faults vmware domain name port-group

```
show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>] [severity <severity-value>]
[min-severity <severity-value>] [type <fault-type>] [cause <fault-value>] [last-minutes <NUMBER>] [last-hours
<NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
<YYYY-MM-DDTHR:MIN:SEC>] [detail] vmware domain name <name> port-group
```

**Description:** Show VMware port group information

**Syntax:**

<name>	VMware domain name
--------	--------------------

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
<fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] vmware domain name
<name> port-group
```

## show faults vmware domain name trunk-portgroup

**show faults** [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>] [severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause <fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] vmware domain name <name> trunk-portgroup [name <name>]

**Description:** Show VMware domain trunk portgroup details

### Syntax:

<name>	VMware domain name
<name>	(Optional) trunk portgroup name

**Command Mode:** exec : Exec Mode

### Command Path:

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
<fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] vmware domain name
<name> trunk-portgroup [name <name>]
```

## show faults vmware domain name vcenter

```
show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>] [severity <severity-value>]
[min-severity <severity-value>] [type <fault-type>] [cause <fault-value>] [last-minutes <NUMBER>] [last-hours
<NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
<YYYY-MM-DDTHR:MIN:SEC>] [detail] vmware domain name <name> vcenter <hostname|ip>
```

**Description:** VMware vCenter ip or hostname

### Syntax:

<name>	VMware domain name
<hostname ip>	vCenter hostname or IP

**Command Mode:** exec : Exec Mode

### Command Path:

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
<fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] vmware domain name
<name> vcenter <hostname|ip>
```

## show faults vmware domain name vm

```
show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>] [severity <severity-value>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause <fault-value>] [last-minutes <NUMBER>] [last-hours
<NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
<YYYY-MM-DDTHR:MIN:SEC>] [detail] vmware domain name <name> vm
```

**Description:** Show VMware VM information

### Syntax:

<name>	VMware domain name
--------	--------------------

**Command Mode:** exec : Exec Mode

### Command Path:

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
<fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] vmware domain name
<name> vm
```

## show faults vmware domain name vm name

**show faults** [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>] [severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause <fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] vmware domain name <name> vm name <vm-name>

**Description:** Show detailed VMware VM information

### Syntax:

<name>	VMware domain name
<vm-name>	VM Name

**Command Mode:** exec : Exec Mode

### Command Path:

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
<fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] vmware domain name
<name> vm name <vm-name>
```

# show fips

**show fips**

**Description:** Show FIPS information

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show fips
```



# show fips status

**show fips status**

**Description:** Show FIPS status

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show fips status
```

# show firmware compat matrix

**show firmware compat matrix <WORD>**

**Description:** compatibility matrix for desired version

**Syntax:**

<i>WORD</i>	Desired Controller Version
-------------	----------------------------

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show firmware compat matrix <WORD>
```

# show firmware repository

**show firmware repository**

**Description:** Show firmware images present in repository

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show firmware repository
```

# show firmware repository detail

**show firmware repository detail**

**Description:** Detailed repository information

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show firmware repository detail
```

# show firmware upgrade status

**show firmware upgrade status**

**Description:** Upgrade status of all controllers and switches

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show firmware upgrade status
```

# show firmware upgrade status controller-group

**show firmware upgrade status controller-group**

**Description:** Controller-group upgrade status

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show firmware upgrade status controller-group
```

# show firmware upgrade status controller-group detail

**show firmware upgrade status controller-group detail**

**Description:** Detailed upgrade status

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show firmware upgrade status controller-group detail
```

# show firmware upgrade status detail

**show firmware upgrade status detail**

**Description:** Detailed upgrade status information

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show firmware upgrade status detail
```



# show firmware upgrade status switch-group

**show firmware upgrade status switch-group <WORD>**

**Description:** Switch-group upgrade status

**Syntax:**

<i>WORD</i>	switch-group name (Max Size 64)
-------------	---------------------------------

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show firmware upgrade status switch-group <WORD>
```

# show firmware upgrade status switch-group detail

**show firmware upgrade status switch-group <WORD> detail**

**Description:** Detailed upgrade status

**Syntax:**

<i>WORD</i>	switch-group name (Max Size 64)
-------------	---------------------------------

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show firmware upgrade status switch-group <WORD> detail
```

# show flow exporter

**show flow exporter**

**Description:** Show Netflow exporter information

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show flow exporter
```

# show flow exporter infra

**show flow exporter infra WORD [detail]**

**Description:** Show flow exporter infra information

**Syntax:**

<i>WORD</i>	Exporter Name
detail	(Optional) detail

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show flow exporter infra WORD [detail]
```

# show flow exporter tenant

**show flow exporter tenant** <WORD> WORD [detail]

**Description:** Show flow exporter tenant information

**Syntax:**

<i>WORD</i>	Optional tenant name
<i>WORD</i>	Exporter Name
detail	(Optional) detail

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show flow exporter tenant <WORD> WORD [detail]
```

# show flow monitor

**show flow monitor**

**Description:** Show Netflow Monitor Information

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show flow monitor
```

# show flow monitor infra

**show flow monitor infra WORD [detail]**

**Description:** Show Netflow Monitor Information for infra

**Syntax:**

<i>WORD</i>	Optional Monitor Name
detail	(Optional) detail

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show flow monitor infra WORD [detail]
```

# show flow monitor tenant

**show flow monitor tenant** <WORD> WORD [detail]

**Description:** Show Netflow Monitor Information for the specified tenant

**Syntax:**

<i>WORD</i>	Specify tenant name
<i>WORD</i>	Optional Monitor Name
detail	(Optional) detail

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show flow monitor tenant <WORD> WORD [detail]
```



# show flow node-policy

**show flow node-policy** [name <WORD>]

**Description:** Show Netflow Node Policy Information

**Syntax:**

<i>WORD</i>	(Optional) Optional Node Policy Name
-------------	--------------------------------------

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show flow node-policy [name <WORD>]
```

# show flow node-policy detail

**show flow node-policy** [name <WORD>] detail

**Description:** Show Netflow Node Policy Detailed Information

**Syntax:**

<i>WORD</i>	(Optional) Optional Node Policy Name
-------------	--------------------------------------

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show flow node-policy [name <WORD>] detail
```

# show flow record

**show flow record**

**Description:** Show Netflow record information

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show flow record
```

# show flow record infra

**show flow record infra WORD [detail]**

**Description:** Show flow record infra information

**Syntax:**

<i>WORD</i>	Record Name
detail	(Optional) detail

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show flow record infra WORD [detail]
```

# show flow record tenant

**show flow record tenant** [**record-name** <recordName>] <tenantName> **WORD** [detail]

**Description:** Show flow record tenant information

**Syntax:**

<i>recordName</i>	(Optional) Optional record name
<i>tenantName</i>	Optional tenant name
<i>WORD</i>	Record Name
detail	(Optional) detail

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show flow record tenant [record-name <recordName>] <tenantName> WORD [detail]
```

# show flow vm-exporter

**show flow vm-exporter WORD**

**Description:** Show NetFlow Exporter information for VM Networking

**Syntax:**

<i>WORD</i>	NetFlow Exporter Name
-------------	-----------------------

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show flow vm-exporter WORD
```

# show health

**show health** [*history*] [*min-change* <NUMBER>] [*max-hs* <NUMBER>] [*start-time* start-time <YYYY-MM-DDTHR:MIN:SEC>] [*end-time* end-time <YYYY-MM-DDTHR:MIN:SEC>] <scope>

**Description:** Show health score information

**Syntax:**

<i>history</i>	(Optional) Historical information
<i>min-change</i> <percentage change>	(Optional) Minimum change in health score percentage. Number range from=-100 to=9999
<i>max-hs</i> <maximum health-score>	(Optional) Maximum health score. Number range from=0 to=100
<i>start-time</i> <YYYY-MM-DDTHR:MIN:SEC>	(Optional) Health activity in time interval
<i>end-time</i> <YYYY-MM-DDTHR:MIN:SEC>	(Optional) Health activity in time interval
<scope>	command scope

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time end-time <YYYY-MM-DDTHR:MIN:SEC>] <scope>
```

# show health leaf

**show health** [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] leaf <leafId>

**Description:** Show command for leaf

**Syntax:**

<leafId>	Leaf id
----------	---------

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time  
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] leaf <leafId>
```



# show health leaf fex

**show health** [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] leaf <leafId> fex <fexNum>

**Description:** Show extended chassis information

**Syntax:**

<leafId>	Leaf id
<fexNum>	pls enter fex number

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time  
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] leaf <leafId> fex <fexNum>
```

# show health leaf fex module

**show health** [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] leaf <leafId> fex <fexNum> module <lcSlot>

**Description:** Show inventory module information

**Syntax:**

<leafId>	Leaf id
<fexNum>	pls enter fex number
<lcSlot>	please enter the module number

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] leaf <leafId> fex <fexNum>
module <lcSlot>
```

# show health leaf interface ethernet

**show health** [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] leaf <leafId> interface ethernet <phyInt>

**Description:** Ethernet IEEE 802.3z

**Syntax:**

<leafId>	Leaf id
<phyInt>	<slot or chassis-number/port or slot number>

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time  
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] leaf <leafId> interface ethernet  
<phyInt>
```

# show health leaf interface fc

**show health** [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] leaf <leafId> interface fc <phyInt>

**Description:** Fibre Channel Protocol

**Syntax:**

<leafId>	Leaf id
<phyInt>	<slot or chassis-number/port or slot number>

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] leaf <leafId> interface fc
<phyInt>
```

# show health leaf interface fcportchannel

**show health** [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] leaf <leafId> interface fcportchannel <portChan>

**Description:** FC Port channel interface

**Syntax:**

<leafId>	Leaf id
<portChan>	<Port channel number>

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time  
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] leaf <leafId> interface  
fcportchannel <portChan>
```

# show health leaf interface l3instance

**show health** [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] leaf <leafId> interface l3instance <l3Inst>

**Description:** L3 instance

**Syntax:**

<leafId>	Leaf id
<l3Inst>	<L3 instance number>

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] leaf <leafId> interface l3instance
<l3Inst>
```

# show health leaf interface mgmt

**show health** [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] leaf <leafId> interface mgmt <mgmtPort>

**Description:** Management interface

**Syntax:**

<leafId>	Leaf id
<mgmtPort>	<Management interface number>

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time  
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] leaf <leafId> interface mgmt  
<mgmtPort>
```

# show health leaf interface portchannel

**show health** [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] leaf <leafId> interface portchannel <portChan>

**Description:** Port channel interface

**Syntax:**

<leafId>	Leaf id
<portChan>	<Port channel number>

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] leaf <leafId> interface
portchannel <portChan>
```



# show health leaf interface tunnel

**show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] leaf <leafId> interface tunnel <tunnelPort>**

**Description:** Tunnel Interface

**Syntax:**

<i>&lt;leafId&gt;</i>	Leaf id
<i>&lt;tunnelPort&gt;</i>	<Tunnel interface number>

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time  
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] leaf <leafId> interface tunnel  
<tunnelPort>
```

# show health leaf interface vethernet

**show health** [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] leaf <leafId> interface vethernet <phyInt>

**Description:** vethernet ID

**Syntax:**

<leafId>	Leaf id
<phyInt>	<slot or chassis-number/port or slot number>

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] leaf <leafId> interface vethernet
<phyInt>
```

# show health leaf inventory chassis

**show health** [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] leaf <leafId> inventory chassis

**Description:** Show inventory chassis information

**Syntax:**

<leafId>	Leaf id
----------	---------

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time  
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] leaf <leafId> inventory chassis
```

# show health leaf inventory fans

**show health** [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] leaf <leafId> inventory fans <ftSlot>

**Description:** Show inventory fan information

**Syntax:**

<leafId>	Leaf id
<ftSlot>	pls enter fan tray number

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] leaf <leafId> inventory fans
<ftSlot>
```

# show health leaf inventory module

**show health** [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] leaf <leafId> inventory module <lcSlot>

**Description:** Show inventory module information

**Syntax:**

<leafId>	Leaf id
<lcSlot>	please enter the module number

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] leaf <leafId> inventory module
<lcSlot>
```

# show health leaf inventory module fabricport

**show health** [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] leaf <leafId> inventory module <lcSlot> fabricport <fabPort>

**Description:** Show information for fabric port

**Syntax:**

<leafId>	Leaf id
<lcSlot>	please enter the module number
<fabPort>	pls enter the fabric port number

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] leaf <leafId> inventory module
<lcSlot> fabricport <fabPort>
```

# show health leaf inventory module leafport

**show health** [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] leaf <leafId> inventory module <lcSlot> leafport <leafPort>

**Description:** Show information for leaf port

**Syntax:**

<leafId>	Leaf id
<lcSlot>	please enter the module number
<leafPort>	pls enter the leaf port number

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time  
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] leaf <leafId> inventory module  
<lcSlot> leafport <leafPort>
```

# show health leaf inventory powersupply

**show health** [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] leaf <leafId> inventory powersupply <psuSlot>

**Description:** Show inventory power supply information

**Syntax:**

<leafId>	Leaf id
<psuSlot>	pls enter the powersupply number

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] leaf <leafId> inventory
powersupply <psuSlot>
```



# show health leaf inventory supervisor

**show health** [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] leaf <leafId> inventory supervisor <supMod>

**Description:** Show information for supervisor module

**Syntax:**

<leafId>	Leaf id
<supMod>	pls enter the supervisor module number

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time  
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] leaf <leafId> inventory supervisor  
<supMod>
```

# show health leaf protocol

**show health** [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] leaf <leafId> protocol <protName>

**Description:** Show command for protocol

**Syntax:**

<leafId>	Leaf id
<protName>	Protocol name

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] leaf <leafId> protocol <protName>
```

# show health leaf vpc

**show health** [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] leaf <leafId> vpc <vpcPort>

**Description:** Virtual port channel information

**Syntax:**

<leafId>	Leaf id
<vpcPort>	pls enter virtual port channel number

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time  
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] leaf <leafId> vpc <vpcPort>
```

# show health leaf vrf

**show health** [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] leaf <leafId> vrf <vrfPort>

**Description:** Vrf information

**Syntax:**

<leafId>	Leaf id
<vrfPort>	pls enter vrf name

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] leaf <leafId> vrf <vrfPort>
```

# show health spine

**show health** [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] spine <leafId>

**Description:** Show command for spine

**Syntax:**

<leafId>	Leaf id
----------	---------

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] spine <leafId>
```

# show health spine interface ethernet

**show health** [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] spine <leafId> interface ethernet <phyInt>

**Description:** Ethernet IEEE 802.3z

**Syntax:**

<leafId>	Leaf id
<phyInt>	<slot or chassis-number/port or slot number>

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] spine <leafId> interface ethernet
<phyInt>
```

# show health spine interface l3instance

```
show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>]
[end-time <YYYY-MM-DDTHR:MIN:SEC>] spine <leafId> interface l3instance <l3Inst>
```

**Description:** L3 instance

**Syntax:**

<leafId>	Leaf id
<l3Inst>	<L3 instance number>

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] spine <leafId> interface
l3instance <l3Inst>
```

# show health spine interface mgmt

**show health** [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] spine <leafId> interface mgmt <mgmtPort>

**Description:** Management interface

**Syntax:**

<leafId>	Leaf id
<mgmtPort>	<Management interface number>

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] spine <leafId> interface mgmt
<mgmtPort>
```



# show health spine interface tunnel

**show health** [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] spine <leafId> interface tunnel <tunnelPort>

**Description:** Tunnel Interface

**Syntax:**

<leafId>	Leaf id
<tunnelPort>	<Tunnel interface number>

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time  
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] spine <leafId> interface tunnel  
<tunnelPort>
```

# show health spine inventory chassis

**show health** [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] spine <leafId> inventory chassis

**Description:** Show inventory chassis information

**Syntax:**

<leafId>	Leaf id
----------	---------

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time  
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] spine <leafId> inventory chassis
```

# show health spine inventory fabric

**show health** [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] spine <leafId> inventory fabric <fcMod>

**Description:** Show information for fabric module

**Syntax:**

<leafId>	Leaf id
<fcMod>	pls enter the fabric module number

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] spine <leafId> inventory fabric
<fcMod>
```

# show health spine inventory fans

**show health** [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] spine <leafId> inventory fans <ftSlot>

**Description:** Show inventory fan information

**Syntax:**

<leafId>	Leaf id
<ftSlot>	pls enter fan tray number

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] spine <leafId> inventory fans
<ftSlot>
```

# show health spine inventory module

**show health** [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] spine <leafId> inventory module <lcSlot>

**Description:** Show inventory module information

**Syntax:**

<leafId>	Leaf id
<lcSlot>	please enter the module number

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] spine <leafId> inventory module
<lcSlot>
```

# show health spine inventory module fabricport

**show health** [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] spine <leafId> inventory module <lcSlot> fabricport <fabPort>

**Description:** Show information for fabric port

## Syntax:

<leafId>	Leaf id
<lcSlot>	please enter the module number
<fabPort>	pls enter the fabric port number

**Command Mode:** exec : Exec Mode

## Command Path:

```
# show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] spine <leafId> inventory module
<lcSlot> fabricport <fabPort>
```

# show health spine inventory powersupply

**show health** [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] spine <leafId> inventory powersupply <psuSlot>

**Description:** Show inventory power supply information

**Syntax:**

<leafId>	Leaf id
<psuSlot>	pls enter the powersupply number

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time  
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] spine <leafId> inventory  
powersupply <psuSlot>
```

# show health spine inventory supervisor

**show health** [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] spine <leafId> inventory supervisor <supMod>

**Description:** Show information for supervisor module

**Syntax:**

<leafId>	Leaf id
<supMod>	pls enter the supervisor module number

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] spine <leafId> inventory
supervisor <supMod>
```



# show health spine inventory system

**show health** [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] spine <leafId> inventory system <sysMod>

**Description:** Show information for system module

**Syntax:**

<leafId>	Leaf id
<sysMod>	pls enter the system module number

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time  
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] spine <leafId> inventory system  
<sysMod>
```

# show health spine protocol

**show health** [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] spine <leafId> protocol <protName>

**Description:** Show command for protocol

**Syntax:**

<leafId>	Leaf id
<protName>	Protocol name

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time  
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] spine <leafId> protocol <protName>
```

# show health spine vrf

**show health** [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] spine <leafId> vrf <vrfPort>

**Description:** Vrf information

**Syntax:**

<leafId>	Leaf id
<vrfPort>	pls enter vrf name

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time  
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] spine <leafId> vrf <vrfPort>
```

# show health tenant

**show health** [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] tenant **WORD**

**Description:** Show Tenants Information

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
-------------	---

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] tenant WORD
```

# show health tenant application

**show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] tenant WORD application WORD**

**Description:** Show Application Profiles Information

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the application we eventually want to filter on (Max Size 64)

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time  
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] tenant WORD application WORD
```

# show health tenant application epg

**show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] tenant WORD application WORD epg WORD**

**Description:** Show Application EPG Information

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the application we eventually want to filter on (Max Size 64)
<i>WORD</i>	Name of the AEPG to filter on (Max Size 64)

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] tenant WORD application WORD
epg WORD
```

# show health tenant bridge-domain

**show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] tenant WORD bridge-domain WORD**

**Description:** Show Bridge-domain Information

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the bridge-domain (Max Size 64)

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] tenant WORD bridge-domain WORD
```

# show health tenant bridge-domain detail

**show health** [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] tenant **WORD** bridge-domain **WORD** detail

**Description:** Show Bridge-domain Detailed Information

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the bridge-domain (Max Size 64)

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] tenant WORD bridge-domain WORD
detail
```



# show health tenant bridge-domain first-hop-security binding-table

```
show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>]
[end-time <YYYY-MM-DDTHR:MIN:SEC>] tenant WORD bridge-domain WORD first-hop-security binding-table
```

**Description:** Show Bridge-domain Binding Table Information

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the bridge-domain (Max Size 64)

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] tenant WORD bridge-domain WORD
first-hop-security binding-table
```

# show health tenant bridge-domain first-hop-security statistics arp

**show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] tenant WORD bridge-domain WORD first-hop-security statistics arp**

**Description:** Show Bridge-domain First Hop Security ARP Statistics

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the bridge-domain (Max Size 64)

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] tenant WORD bridge-domain WORD
first-hop-security statistics arp
```

# show health tenant bridge-domain first-hop-security statistics dhcpv4

```
show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>]
[end-time <YYYY-MM-DDTHR:MIN:SEC>] tenant WORD bridge-domain WORD first-hop-security statistics
dhcpv4
```

**Description:** Show Bridge-domain First Hop Security DHCPv4 Statistics

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the bridge-domain (Max Size 64)

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] tenant WORD bridge-domain WORD
first-hop-security statistics dhcpv4
```

# show health tenant bridge-domain first-hop-security statistics dhcpv6

**show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] tenant WORD bridge-domain WORD first-hop-security statistics dhcpv6**

**Description:** Show Bridge-domain First Hop Security DHCPv6 Statistics

## Syntax:

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the bridge-domain (Max Size 64)

**Command Mode:** exec : Exec Mode

## Command Path:

```
# show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] tenant WORD bridge-domain WORD
first-hop-security statistics dhcpv6
```

# show health tenant bridge-domain first-hop-security statistics neighbor-discovery

```
show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>]
[end-time <YYYY-MM-DDTHR:MIN:SEC>] tenant WORD bridge-domain WORD first-hop-security statistics
neighbor-discovery
```

**Description:** Show Bridge-domain First Hop Security Neighbor Discovery Statistics

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the bridge-domain (Max Size 64)

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] tenant WORD bridge-domain WORD
first-hop-security statistics neighbor-discovery
```

# show health tenant dnsservergroup

**show health** [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] tenant **WORD** dnsservergroup **WORD**

**Description:** Show Dns Server Group Information

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the dns server group we eventually want to filter on (Max Size 16)

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] tenant WORD dnsservergroup WORD
```

# show health tenant dnsservergroup server

**show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] tenant WORD dnsservergroup WORD server WORD**

**Description:** Show Dns Server Information

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the dns server group we eventually want to filter on (Max Size 16)
<i>WORD</i>	IP of server we eventually want to filter on (Max Size None)

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] tenant WORD dnsservergroup WORD
server WORD
```

## show health tenant dnsservergroup server domain

**show health** [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] tenant **WORD** dnsservergroup **WORD** server **WORD** domain **WORD**

**Description:** Show Dns Domain Information

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the dns server group we eventually want to filter on (Max Size 16)
<i>WORD</i>	IP of server we eventually want to filter on (Max Size None)
<i>WORD</i>	Domain we eventually want to filter on (Max Size 512)

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] tenant WORD dnsservergroup WORD
server WORD domain WORD
```



# show health tenant interface bridge-domain

**show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] tenant WORD interface bridge-domain WORD**

**Description:** Show Bridge-domain Information

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the bridge-domain (Max Size 64)

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time  
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] tenant WORD interface  
bridge-domain WORD
```

# show health tenant interface bridge-domain detail

**show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] tenant WORD interface bridge-domain WORD detail**

**Description:** Show Bridge-domain Detailed Information

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the bridge-domain (Max Size 64)

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] tenant WORD interface
bridge-domain WORD detail
```

# show health tenant interface bridge-domain first-hop-security binding-table

**show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] tenant WORD interface bridge-domain WORD first-hop-security binding-table**

**Description:** Show Bridge-domain Binding Table Information

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the bridge-domain (Max Size 64)

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] tenant WORD interface bridge-domain WORD first-hop-security binding-table
```

# show health tenant interface bridge-domain first-hop-security statistics arp

**show health** [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] tenant WORD interface bridge-domain WORD first-hop-security statistics arp

**Description:** Show Bridge-domain First Hop Security ARP Statistics

## Syntax:

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the bridge-domain (Max Size 64)

**Command Mode:** exec : Exec Mode

## Command Path:

```
# show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] tenant WORD interface
bridge-domain WORD first-hop-security statistics arp
```

# show health tenant interface bridge-domain first-hop-security statistics dhcpv4

```
show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>]
[end-time <YYYY-MM-DDTHR:MIN:SEC>] tenant WORD interface bridge-domain WORD first-hop-security
statistics dhcpv4
```

**Description:** Show Bridge-domain First Hop Security DHCPv4 Statistics

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the bridge-domain (Max Size 64)

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] tenant WORD interface
bridge-domain WORD first-hop-security statistics dhcpv4
```

# show health tenant interface bridge-domain first-hop-security statistics dhcpv6

**show health** [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] tenant WORD interface bridge-domain WORD first-hop-security statistics dhcpv6

**Description:** Show Bridge-domain First Hop Security DHCPv6 Statistics

## Syntax:

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the bridge-domain (Max Size 64)

**Command Mode:** exec : Exec Mode

## Command Path:

```
# show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] tenant WORD interface
bridge-domain WORD first-hop-security statistics dhcpv6
```

# show health tenant interface bridge-domain first-hop-security statistics neighbor-discovery

**show health** [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] tenant **WORD** interface bridge-domain **WORD** first-hop-security statistics neighbor-discovery

**Description:** Show Bridge-domain First Hop Security Neighbor Discovery Statistics

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the bridge-domain (Max Size 64)

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] tenant WORD interface
bridge-domain WORD first-hop-security statistics neighbor-discovery
```

# show health tenant multicast-route-maps

**show health** [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] tenant **WORD** multicast-route-maps

**Description:** Show multicast route-maps per Tenant

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
-------------	---

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time  
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] tenant WORD multicast-route-maps
```



# show health tenant vrf

**show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] tenant WORD vrf WORD**

**Description:** Show VRF Information

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the VRF to filter on (Max Size 64)

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time  
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] tenant WORD vrf WORD
```

## show health tenant vrf aclog l2

**show health** [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] tenant WORD vrf WORD aclog <permitDrop> l2 flow vlan <NUMBER> srcintf <srcintf>

**Description:** L2 flow stats

### Syntax:

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the VRF to filter on (Max Size 64)
<i>permitDrop</i>	permitDrop
flow	flowi stats
vlan	vlan info
<vlan>	<vlan>. Number range from=0 to=9223372036854775807
srcintf	source interface
<srcintf>	<srcintf>

**Command Mode:** exec : Exec Mode

### Command Path:

```
# show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] tenant WORD vrf WORD aclog
<permitDrop> l2 flow vlan <NUMBER> srcintf <srcintf>
```

## show health tenant vrf aclog l3

```
show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>]
[end-time <YYYY-MM-DDTHR:MIN:SEC>] tenant WORD vrf WORD aclog <permitDrop> l3 flow srcpctag
<srcpctag> dstpctag <dstpctag> srcepgname <srcepgname> dstepgname <dstepgname> srcip <A.B.C.D or
A:B::C:D> dstip <A.B.C.D or A:B::C:D> proto <proto> srcport <srcport> dstport <dstport> srcintf <srcintf>
```

**Description:** L3 flow stats

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the VRF to filter on (Max Size 64)
<i>permitDrop</i>	permitDrop
flow	flow stats
srcpctag	source pc tag
<i>&lt;srcpctag&gt;</i>	<i>&lt;srcpctag&gt;</i>
dstpctag	destination pc tag
<i>&lt;dstpctag&gt;</i>	<i>&lt;dstpctag&gt;</i>
srcepgname	source epg name
<i>&lt;srcepgname&gt;</i>	<i>&lt;srcepgname&gt;</i>
dstepgname	destination epg name
<i>&lt;dstepgname&gt;</i>	<i>&lt;dstepgname&gt;</i>
srcip	source ip
<i>A.B.C.D or A:B::C:D</i>	IP address in format i.i.i.i or IPv6 address in format xxxx:xxxx, xxxx::xx
dstip	destination ip
<i>A.B.C.D or A:B::C:D</i>	IP address in format i.i.i.i or IPv6 address in format xxxx:xxxx, xxxx::xx
proto	protocol
<i>&lt;proto&gt;</i>	<i>&lt;proto&gt;</i>
srcport	source port
<i>&lt;srcport&gt;</i>	<i>&lt;srcport&gt;</i>
dstport	destination port
<i>&lt;dstport&gt;</i>	<i>&lt;dstport&gt;</i>

srcintf	source interface
<srcintf>	<srcintf>

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] tenant WORD vrf WORD acllog
<permitDrop> l3 flow srcpctag <srcpctag> dstpctag <dstpctag> srcepname <srcepname>
dstepname <dstepname> srcip <A.B.C.D or A:B::C:D> dstip <A.B.C.D or A:B::C:D> proto <proto>
srcport <srcport> dstport <dstport> srcintf <srcintf>
```

# show health tenant vrf detail

**show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] tenant WORD vrf WORD detail**

**Description:** Show detailed view of VRF

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the VRF to filter on (Max Size 64)

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time  
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] tenant WORD vrf WORD detail
```

# show health tenant vrf external-l3 bgp

**show health** [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] tenant **WORD** vrf **WORD** external-l3 bgp

**Description:** Show command for BGP peers

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the VRF to filter on (Max Size 64)

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] tenant WORD vrf WORD external-l3
bgp
```

# show health tenant vrf external-l3 bgp node

**show health** [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] tenant **WORD** vrf **WORD** external-l3 bgp node <101-4000>

**Description:** node to filter on

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the VRF to filter on (Max Size 64)
<101-4000>	Leaf Range or Leaf Name List

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] tenant WORD vrf WORD external-l3
bgp node <101-4000>
```

# show health tenant vrf external-l3 eigrp

**show health** [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] tenant **WORD** vrf **WORD** external-l3 eigrp

**Description:** Show external l3 EIGRP

## Syntax:

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the VRF to filter on (Max Size 64)

**Command Mode:** exec : Exec Mode

## Command Path:

```
# show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] tenant WORD vrf WORD external-l3
eigrp
```



# show health tenant vrf external-l3 eigrp detail

**show health** [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] tenant **WORD** vrf **WORD** external-l3 eigrp detail

**Description:** Show interanl details

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the VRF to filter on (Max Size 64)

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time  
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] tenant WORD vrf WORD external-l3  
eigrp detail
```

## show health tenant vrf external-l3 epg

**show health** [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] tenant WORD vrf WORD external-l3 epg <epgName>

**Description:** Show command for external-l3 epgs

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the VRF to filter on (Max Size 64)
<i>&lt;epgName&gt;</i>	Name of the EPG to filter on

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] tenant WORD vrf WORD external-l3
epg <epgName>
```

## show health tenant vrf external-l3 epg detail

**show health** [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] tenant **WORD** vrf **WORD** external-l3 epg <epgName> detail

**Description:** external-l3 epg in detail with operational status

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the VRF to filter on (Max Size 64)
<epgName>	Name of the EPG to filter on

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time  
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] tenant WORD vrf WORD external-l3  
epg <epgName> detail
```

## show health tenant vrf external-l3 epg name

**show health** [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] tenant WORD vrf WORD external-l3 epg <epgName> name <epgName>

**Description:** EPG name to filter on

### Syntax:

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the VRF to filter on (Max Size 64)
<epgName>	Name of the EPG to filter on
<epgName>	Name of the EPG to filter on

**Command Mode:** exec : Exec Mode

### Command Path:

```
# show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] tenant WORD vrf WORD external-l3
epg <epgName> name <epgName>
```

# show health tenant vrf external-l3 epg name detail

```
show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>]
[end-time <YYYY-MM-DDTHR:MIN:SEC>] tenant WORD vrf WORD external-l3 epg <epgName> name
<epgName> detail
```

**Description:** external-l3 epg in detail with operational status

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the VRF to filter on (Max Size 64)
<i>&lt;epgName&gt;</i>	Name of the EPG to filter on
<i>&lt;epgName&gt;</i>	Name of the EPG to filter on

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] tenant WORD vrf WORD external-l3
epg <epgName> name <epgName> detail
```

## show health tenant vrf external-l3 interfaces

**show health** [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] tenant **WORD** vrf **WORD** external-l3 interfaces

**Description:** Show tenant <tenant> vrf <vrf> external l3 interfaces

### Syntax:

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the VRF to filter on (Max Size 64)

**Command Mode:** exec : Exec Mode

### Command Path:

```
# show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] tenant WORD vrf WORD external-l3
interfaces
```

# show health tenant vrf external-l3 interfaces detail

**show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] tenant WORD vrf WORD external-l3 interfaces detail**

**Description:** Show interfaces details

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the VRF to filter on (Max Size 64)

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time  
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] tenant WORD vrf WORD external-l3  
interfaces detail
```

## show health tenant vrf external-l3 ospf

**show health** [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] tenant **WORD** vrf **WORD** external-l3 ospf

**Description:** Show command for IPv4 and IPv6 external l3 OSPF configuration

### Syntax:

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the VRF to filter on (Max Size 64)

**Command Mode:** exec : Exec Mode

### Command Path:

```
# show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] tenant WORD vrf WORD external-l3
ospf
```



# show health tenant vrf external-l3 ospf detail

**show health** [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] tenant **WORD** vrf **WORD** external-l3 ospf detail

**Description:** Show internal details

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the VRF to filter on (Max Size 64)

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time  
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] tenant WORD vrf WORD external-l3  
ospf detail
```

# show health tenant vrf external-l3 scale

**show health** [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] tenant **WORD** vrf **WORD** external-l3 scale

**Description:** scale command

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the VRF to filter on (Max Size 64)

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] tenant WORD vrf WORD external-l3
scale
```

# show health tenant vrf external-l3 scale detail

**show health** [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] tenant **WORD** vrf **WORD** external-l3 scale detail

**Description:** Show scale details

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the VRF to filter on (Max Size 64)

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time  
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] tenant WORD vrf WORD external-l3  
scale detail
```

## show health tenant vrf external-l3 static-route

**show health** [*history*] [*min-change* <NUMBER>] [*max-hs* <NUMBER>] [*start-time* <YYYY-MM-DDTHR:MIN:SEC>] [*end-time* <YYYY-MM-DDTHR:MIN:SEC>] **tenant** WORD **vrf** WORD **external-l3 static-route**

**Description:** Show command for external-l3 static routes

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the VRF to filter on (Max Size 64)

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] tenant WORD vrf WORD external-l3
static-route
```

# show health tenant vrf external-l3 static-route detail

**show health** [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] tenant **WORD** vrf **WORD** external-l3 static-route detail

**Description:** static-route in detail with operational status

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the VRF to filter on (Max Size 64)

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time  
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] tenant WORD vrf WORD external-l3  
static-route detail
```

## show health tenant vrf external-l3 static-route node

**show health** [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] tenant **WORD** vrf **WORD** external-l3 static-route node

**Description:** node to filter on

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the VRF to filter on (Max Size 64)
<i>arg</i>	Leaf Range or Leaf Name List

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] tenant WORD vrf WORD external-l3
static-route node
```

## show health tenant vrf external-l3 static-route node detail

**show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] tenant WORD vrf WORD external-l3 static-route node detail**

**Description:** static-route in detail with operational status

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the VRF to filter on (Max Size 64)
<i>arg</i>	Leaf Range or Leaf Name List

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time  
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] tenant WORD vrf WORD external-l3  
static-route node detail
```

# show health tenant vrf multicast

**show health** [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] tenant **WORD** vrf **WORD** multicast

**Description:** Show multicast configuration per VRF

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the VRF to filter on (Max Size 64)

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] tenant WORD vrf WORD multicast
```



# show inband-mgmt

**show inband-mgmt**

**Description:** Show inband mgmt eggs on all the nodes

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show inband-mgmt
```

# show inband-mgmt controller

**show inband-mgmt controller** <controller-id> [epg <WORD>]

**Description:** show inband mgmt epgs on the controller

**Syntax:**

<controller-id>	
WORD	(Optional) Epg Name of consumer epg

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show inband-mgmt controller <controller-id> [epg <WORD>]
```

# show inband-mgmt switch

**show inband-mgmt switch** <switch-id> [epg <WORD>]

**Description:** Show inband mgmt epgs on the node

**Syntax:**

<switch-id>	
WORD	(Optional) Epg Name

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show inband-mgmt switch <switch-id> [epg <WORD>]
```

# show interface bridge-domain

**show interface bridge-domain WORD**

**Description:** Show Bridge-domain Information

**Syntax:**

<i>WORD</i>	Name of the bridge-domain (Max Size 64)
-------------	---

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show interface bridge-domain WORD
```

# show interface bridge-domain detail

**show interface bridge-domain WORD detail**

**Description:** Show Bridge-domain Detailed Information

**Syntax:**

<i>WORD</i>	Name of the bridge-domain (Max Size 64)
-------------	---

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show interface bridge-domain WORD detail
```

# show interface bridge-domain first-hop-security binding-table

**show interface bridge-domain WORD first-hop-security binding-table**

**Description:** Show Bridge-domain Binding Table Information

**Syntax:**

<i>WORD</i>	Name of the bridge-domain (Max Size 64)
-------------	---

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show interface bridge-domain WORD first-hop-security binding-table
```

# show interface bridge-domain first-hop-security statistics arp

**show interface bridge-domain WORD first-hop-security statistics arp**

**Description:** Show Bridge-domain First Hop Security ARP Statistics

**Syntax:**

<i>WORD</i>	Name of the bridge-domain (Max Size 64)
-------------	---

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show interface bridge-domain WORD first-hop-security statistics arp
```

# show interface bridge-domain first-hop-security statistics dhcpv4

**show interface bridge-domain WORD first-hop-security statistics dhcpv4**

**Description:** Show Bridge-domain First Hop Security DHCPv4 Statistics

**Syntax:**

<i>WORD</i>	Name of the bridge-domain (Max Size 64)
-------------	---

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show interface bridge-domain WORD first-hop-security statistics dhcpv4
```



# show interface bridge-domain first-hop-security statistics dhcpv6

**show interface bridge-domain WORD first-hop-security statistics dhcpv6**

**Description:** Show Bridge-domain First Hop Security DHCPv6 Statistics

**Syntax:**

<i>WORD</i>	Name of the bridge-domain (Max Size 64)
-------------	---

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show interface bridge-domain WORD first-hop-security statistics dhcpv6
```

# show interface bridge-domain first-hop-security statistics neighbor-discovery

**show interface bridge-domain WORD first-hop-security statistics neighbor-discovery**

**Description:** Show Bridge-domain First Hop Security Neighbor Discovery Statistics

**Syntax:**

<i>WORD</i>	Name of the bridge-domain (Max Size 64)
-------------	---

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show interface bridge-domain WORD first-hop-security statistics neighbor-discovery
```

# show ip interface bridge-domain

**show ip interface bridge-domain WORD**

**Description:** Show Bridge-domain Information

**Syntax:**

<i>WORD</i>	Name of the bridge-domain (Max Size 64)
-------------	---

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show ip interface bridge-domain WORD
```

# show ipv6 interface bridge-domain

**show ipv6 interface bridge-domain WORD**

**Description:** Show Bridge-domain Information

**Syntax:**

<i>WORD</i>	Name of the bridge-domain (Max Size 64)
-------------	---

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show ipv6 interface bridge-domain WORD
```

# show l4l7-cluster

**show l4l7-cluster** [tenant <Tenant Name>] [cluster <Device Cluster Name>]

**Description:** Show L4 L7 Device information

**Syntax:**

<i>Tenant Name</i>	(Optional) Name of Tenant
<i>Device Cluster Name</i>	(Optional) Name of Device

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show l4l7-cluster [tenant <Tenant Name>] [cluster <Device Cluster Name>]
```

# show l4l7-graph

**show l4l7-graph** [tenant <Tenant Name>] [graph <Graph Name>]

**Description:** Show L4 L7 Graph information

**Syntax:**

<Tenant Name>	(Optional) Name of Tenant
<Graph Name>	(Optional) Name of Graph

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show l4l7-graph [tenant <Tenant Name>] [graph <Graph Name>]
```

# show l4l7-package

**show l4l7-package**

**Description:** Show L4-L7 package information

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show l4l7-package
```

# show ldap-server

**show ldap-server**

**Description:** Show LDAP server information

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show ldap-server
```



# show license all

**show license all**

**Description:** Show license all

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show license all
```

# show license catalog

**show license catalog**

**Description:** Show license catalog

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show license catalog
```

# show license hostname

**show license hostname privacy**

**Description:** Show license hostname

**Syntax:**

privacy	privacy
---------	---------

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show license hostname privacy
```

# show license status

**show license status**

**Description:** Show license status

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show license status
```

# show license summary

**show license summary**

**Description:** Show license summary

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show license summary
```

# show license tech

## show license tech support

**Description:** Show license tech support

**Syntax:**

support	techsupport
---------	-------------

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show license tech support
```

# show license transport-mode

**show license transport-mode**

**Description:** Displaying smart licensing transport mode

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show license transport-mode
```

# show license udi

**show license udi**

**Description:** Display device udi

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show license udi
```



# show license usage

**show license usage**

**Description:** Show license usage

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show license usage
```

# show locator-led

## show locator-led status

**Description:** Show command for locator-led

**Syntax:**

status	locator-led status
--------	--------------------

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show locator-led status
```

# show locator-led status leaf

**show locator-led status leaf**

**Description:** Leaf to filter on

**Syntax:**

status	locator-led status
<i>arg</i>	Leaf Range or Leaf Name List

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show locator-led status leaf
```

# show macsec interface

**show macsec interface switch <101-4000>**

**Description:** interface

**Syntax:**

switch	switch
<101-4000>	switch ID

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show macsec interface switch <101-4000>
```

# show macsec policy

**show macsec policy** <WORD>

**Description:** Show macsec policies

**Syntax:**

<i>WORD</i>	Node Number (Max Size 4000). Number range from=0 to=9223372036854775807
-------------	---

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show macsec policy <WORD>
```

# show microsoft domain

**show microsoft domain**

**Description:** Show Microsoft domain information

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show microsoft domain
```

# show microsoft domain name

**show microsoft domain name** <WORD>

**Description:** Microsoft domain name

**Syntax:**

<i>WORD</i>	Microsoft domain name
-------------	-----------------------

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show microsoft domain name <WORD>
```

# show microsoft domain name hyperv

**show microsoft domain name** <WORD> hyperv <WORD>

**Description:** Show Microsoft Hypervisor information

**Syntax:**

<i>WORD</i>	Microsoft domain name
<i>WORD</i>	HyperV hostname

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show microsoft domain name <WORD> hyperv <WORD>
```



# show microsoft domain name port-group

**show microsoft domain name <WORD> port-group**

**Description:** Show Microsoft port group information

**Syntax:**

<i>WORD</i>	Microsoft domain name
-------------	-----------------------

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show microsoft domain name <WORD> port-group
```

# show microsoft domain name scvmm

**show microsoft domain name** <WORD> scvmm <hostname|ip>

**Description:** Show Microsoft SCVMM information

**Syntax:**

<i>WORD</i>	Microsoft domain name
<hostname ip>	SCVMM hostname or IP

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show microsoft domain name <WORD> scvmm <hostname|ip>
```

# show microsoft domain name vm

**show microsoft domain name <WORD> vm**

**Description:** Show Microsoft VM information

**Syntax:**

<i>WORD</i>	Microsoft domain name
-------------	-----------------------

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show microsoft domain name <WORD> vm
```

# show microsoft domain name vm name

**show microsoft domain name** <WORD> **vm name** <WORD>

**Description:** Show detailed Microsoft VM information

**Syntax:**

<i>WORD</i>	Microsoft domain name
<i>WORD</i>	VM Name

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show microsoft domain name <WORD> vm name <WORD>
```

# show microsoft vm

**show microsoft vm** [name <WORD>] [ip <A.B.C.D>] [mac <AA:BB:CC:DD:EE:FF>]

**Description:** Show Microsoft VM information

**Syntax:**

<i>WORD</i>	(Optional) Specify a VM name
<i>A.B.C.D</i>	(Optional) Specify a VM IP address
<i>AA:BB:CC:DD:EE:FF</i>	(Optional) Specify a VM MAC address

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show microsoft vm [name <WORD>] [ip <A.B.C.D>] [mac <AA:BB:CC:DD:EE:FF>]
```

# show monitor access

**show monitor access session session\_name**

**Description:** Show monitor session for access interfaces

**Syntax:**

session	session
<i>session_name</i>	session name

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show monitor access session session_name
```

# show monitor fabric

**show monitor fabric session session\_name**

**Description:** Show monitor session for fabric interfaces

**Syntax:**

session	session
<i>session_name</i>	session name

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show monitor fabric session session_name
```

# show monitor summary

**show monitor summary**

**Description:** Show brief summary of all non-virtual monitor sessions

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show monitor summary
```



# show monitor tenant

**show monitor tenant** <tenant\_name> session session\_name

**Description:** Show monitor session for tenant

**Syntax:**

<i>tenant_name</i>	tenant
session	session
<i>session_name</i>	session name

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show monitor tenant <tenant_name> session session_name
```

# show monitor virtual

**show monitor virtual session WORD**

**Description:** Show monitor session for virtual switches

**Syntax:**

session	session
<i>WORD</i>	Session name

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show monitor virtual session WORD
```

# show name-alias tenant

**show name-alias tenant WORD**

**Description:** Show corresponding tenants for Alias

**Syntax:**

<i>WORD</i>	Name of the tenant Alias to filter on (Max Size 63)
-------------	---

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show name-alias tenant WORD
```

# show name-alias tenant acl

**show name-alias tenant WORD acl WORD**

**Description:** Show Acl Name for alias

**Syntax:**

<i>WORD</i>	Name of the tenant Alias to filter on (Max Size 63)
<i>WORD</i>	Name of the Acl Alias to filter on (Max Size 64)

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show name-alias tenant WORD acl WORD
```

# show name-alias tenant application

**show name-alias tenant WORD application WORD**

**Description:** Show Application Name for alias

**Syntax:**

<i>WORD</i>	Name of the tenant Alias to filter on (Max Size 63)
<i>WORD</i>	Name of the application Alias to filter on (Max Size 64)

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show name-alias tenant WORD application WORD
```

# show name-alias tenant application epg

**show name-alias tenant WORD application WORD epg WORD**

**Description:** Show EndPoint Group Name for alias

**Syntax:**

<i>WORD</i>	Name of the tenant Alias to filter on (Max Size 63)
<i>WORD</i>	Name of the application Alias to filter on (Max Size 64)
<i>WORD</i>	Name of the epg Alias to filter on (Max Size 64)

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show name-alias tenant WORD application WORD epg WORD
```

# show name-alias tenant bridge-domain

**show name-alias tenant WORD bridge-domain WORD**

**Description:** Show Bridge-Domain Name for alias

**Syntax:**

<i>WORD</i>	Name of the tenant Alias to filter on (Max Size 63)
<i>WORD</i>	Name of the bridge-domain Alias to filter on (Max Size 63)

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show name-alias tenant WORD bridge-domain WORD
```

# show name-alias tenant contract

**show name-alias tenant WORD contract WORD**

**Description:** Show Contract Name for alias

**Syntax:**

<i>WORD</i>	Name of the tenant Alias to filter on (Max Size 63)
<i>WORD</i>	Name of the contract Alias to filter on (Max Size 64)

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show name-alias tenant WORD contract WORD
```



# show name-alias tenant contract subject

**show name-alias tenant WORD contract WORD subject WORD**

**Description:** Show Subject Name for alias

**Syntax:**

<i>WORD</i>	Name of the tenant Alias to filter on (Max Size 63)
<i>WORD</i>	Name of the contract Alias to filter on (Max Size 64)
<i>WORD</i>	Name of the Subject Alias to filter on (Max Size 64)

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show name-alias tenant WORD contract WORD subject WORD
```

# show name-alias tenant l3out

**show name-alias tenant WORD l3out WORD**

**Description:** Show L3out Name for alias

**Syntax:**

<i>WORD</i>	Name of the tenant Alias to filter on (Max Size 63)
<i>WORD</i>	Name of the L3out Alias to filter on (Max Size 64)

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show name-alias tenant WORD l3out WORD
```

# show name-alias tenant vrf

**show name-alias tenant WORD vrf WORD**

**Description:** Show Vrf Name for alias

**Syntax:**

<i>WORD</i>	Name of the tenant Alias to filter on (Max Size 63)
<i>WORD</i>	Name of the vrf Alias to filter on (Max Size 63)

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show name-alias tenant WORD vrf WORD
```

# show ntpq

**show ntpq**

**Description:** Show ntpq information

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show ntpq
```

# show oob-mgmt

**show oob-mgmt**

**Description:** Show Out of band Information

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show oob-mgmt
```

# show oob-mgmt controller

**show oob-mgmt controller** <controller-id> [epg <WORD>]

**Description:** Show oob mgmt epgs on the controller, enter one

**Syntax:**

<controller-id>	
WORD	(Optional) Epg Name of consumer epg

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show oob-mgmt controller <controller-id> [epg <WORD>]
```

# show oob-mgmt switch

**show oob-mgmt switch** <switch-id> [epg <WORD>]

**Description:** Show oob mgmt epgs on the node, enter one

**Syntax:**

<switch-id>	
WORD	(Optional) Epg Name of consumer epg

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show oob-mgmt switch <switch-id> [epg <WORD>]
```

# show pd-recovery status

**show pd-recovery status**

**Description:** Show policydist shard recovery from policymgr shards status

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show pd-recovery status
```



# show policy-map

**show policy-map**

**Description:** Show policy maps

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show policy-map
```

# show policy-map type data-plane

**show policy-map type data-plane infra WORD [stats]**

**Description:** Data-plane type policy-map(s)

**Syntax:**

infra	Global data-plane policy-map(s)
<i>WORD</i>	data-plane type policy-map(s) (Max Size 64)
stats	(Optional) Data-Plane Policer Statistics, where available

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show policy-map type data-plane infra WORD [stats]
```

# show policy-map type qos

**show policy-map type qos WORD**

**Description:** QOS type policy-map(s)

**Syntax:**

<i>WORD</i>	QOS type policy-map(s) (Max Size 64)
-------------	--------------------------------------

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show policy-map type qos WORD
```

# show port-channel leaf

**show port-channel leaf** *WORD* <port-channel-list>

**Description:** Show leaf port-channel info

**Syntax:**

<i>WORD</i>	Leaf Range or Leaf Name List
<port-channel-list>	port channel names

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show port-channel leaf WORD <port-channel-list>
```

# show port-channel map

**show port-channel map** <port-channel-list>

**Description:** Show port-channel mapping

**Syntax:**

<port-channel-list>	port channel names
---------------------	--------------------

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show port-channel map <port-channel-list>
```

# show port-channel map leaf

**show port-channel map** <port-channel-list> leaf **WORD** [fex <101-199>]

**Description:** Leaf

**Syntax:**

<port-channel-list>	port channel names
WORD	Leaf Range or Leaf Name List
<101-199>	(Optional) Fex ID

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show port-channel map <port-channel-list> leaf WORD [fex <101-199>]
```

# show pwd-rules

**show pwd-rules**

**Description:** Show Password Rules

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show pwd-rules
```

# show quota

**show quota**

**Description:** Show Quotas Information

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show quota
```



# show radius-server

**show radius-server**

**Description:** Show RADIUS server information

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show radius-server
```

# show redhat domain

**show redhat domain**

**Description:** Show Redhat domain information

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show redhat domain
```

# show redhat domain name

**show redhat domain name** <name>

**Description:** Redhat domain name

**Syntax:**

<name>	Redhat domain name
--------	--------------------

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show redhat domain name <name>
```

# show redhat domain name epg

**show redhat domain name <name> epg**

**Description:** Show Redhat domain EPG details

**Syntax:**

<i>&lt;name&gt;</i>	Redhat domain name
---------------------	--------------------

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show redhat domain name <name> epg
```

# show redhat domain name rhev

**show redhat domain name** <name> rhev <hostname|ip>

**Description:** RHEV ip or hostname

**Syntax:**

<name>	Redhat domain name
<hostname ip>	rhev hostname or IP

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show redhat domain name <name> rhev <hostname|ip>
```

# show resource

## show resource conflict encap-vlan

**Description:** Show resource information

**Syntax:**

conflict	show resource conflicts in APIC
encap-vlan	show resource conflicts of encap-vlan in APIC

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show resource conflict encap-vlan
```

# show resource conflict encap-vlan epg

**show resource conflict encap-vlan epg <WORD>**

**Description:** Epg Name

**Syntax:**

conflict	show resource conflicts in APIC
encap-vlan	show resource conflicts of encap-vlan in APIC
<i>WORD</i>	Epg Name

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show resource conflict encap-vlan epg <WORD>
```

# show resource conflict encap-vlan epg node

**show resource conflict encap-vlan epg** <WORD> node <101-4000>

**Description:** Node ID

**Syntax:**

conflict	show resource conflicts in APIC
encap-vlan	show resource conflicts of encap-vlan in APIC
<i>WORD</i>	Epg Name
<101-4000>	Leaf ID

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show resource conflict encap-vlan epg <WORD> node <101-4000>
```



# show role

**show role**

**Description:** Show information about AAA Roles

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show role
```

# show rsa-server

**show rsa-server**

**Description:** Show RSA server information

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show rsa-server
```

# show running-config

**show running-config [all] <scope>**

**Description:** Show running configuration

**Syntax:**

all	(Optional) Show running-config with defaults
<scope>	command scope

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show running-config [all] <scope>
```

# show sessions

**show sessions** [*id* <log-id>] [*action* *action*<action-type>] [*user* <user-name>] [*last-minutes* <NUMBER>] [*last-hours* <NUMBER>] [*last-days* <NUMBER>] [*start-time* <YYYY-MM-DDTHR:MIN:SEC>] [*end-time* *end-time* <YYYY-MM-DDTHR:MIN:SEC>] [*detail*] <scope>

**Description:** Show session-log information

## Syntax:

<log-id>	(Optional) Log ID
<i>action</i> <action-type>	(Optional) Object action indicator
<user-name>	(Optional) Name of user
<num-minutes>	(Optional) Logs created in time interval. Number range from=1 to=59
<num-hours>	(Optional) Logs created in time interval. Number range from=1 to=23
<num-days>	(Optional) Logs created in time interval. Number range from=1 to=999
<YYYY-MM-DDTHR:MIN:SEC>	(Optional) Logs created in time interval
<i>end-time</i> <YYYY-MM-DDTHR:MIN:SEC>	(Optional) Logs created in time interval
<i>detail</i>	(Optional) Detailed session-log information. Displays the action trigger that shows why a login occurred.
<scope>	command scope

**Command Mode:** exec : Exec Mode

## Command Path:

```
# show sessions [id <log-id>] [action action<action-type>] [user <user-name>] [last-minutes
<NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>]
[end-time end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] <scope>
```

# show sessions controller

**show sessions** [id <log-id>] [action <action-type>] [user <user-name>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] controller

**Description:** Show controller information

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show sessions [id <log-id>] [action <action-type>] [user <user-name>] [last-hours <NUMBER>]
[last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>]
[detail] controller
```

# show sessions controller detail

**show sessions** [id <log-id>] [action <action-type>] [user <user-name>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] controller detail [id <node-id>]

**Description:** Detailed controller information

**Syntax:**

<i>node-id</i>	(Optional) Optional Serial number
----------------	-----------------------------------

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show sessions [id <log-id>] [action <action-type>] [user <user-name>] [last-hours <NUMBER>]
[last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>]
[detail] controller detail [id <node-id>]
```

# show sessions leaf

**show sessions** [id <log-id>] [action <action-type>] [user <user-name>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] leaf <leafId>

**Description:** Show command for leaf

**Syntax:**

<leafId>	Leaf id
----------	---------

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show sessions [id <log-id>] [action <action-type>] [user <user-name>] [last-hours <NUMBER>]
[last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>]
[detail] leaf <leafId>
```

# show sessions spine

**show sessions** [id <log-id>] [action <action-type>] [user <user-name>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] spine <leafId>

**Description:** Show command for spine

**Syntax:**

<leafId>	Leaf id
----------	---------

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show sessions [id <log-id>] [action <action-type>] [user <user-name>] [last-hours <NUMBER>]
[last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>]
[detail] spine <leafId>
```



# show snapshot active

## show snapshot active job

**Description:** Show command for active snapshot job

**Syntax:**

job	View active snapshot job
-----	--------------------------

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show snapshot active job
```

# show snapshot files

**show snapshot files**

**Description:** Show command for snapshot files

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show snapshot files
```

# show snapshot jobs

**show snapshot jobs <WORD>**

**Description:** Show command for snapshot jobs

**Syntax:**

<i>WORD</i>	Snapshot policy name
-------------	----------------------

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show snapshot jobs <WORD>
```

# show snmp

**show snmp [policy <policy>]**

**Description:** Show snmp policy information

**Syntax:**

<i>policy</i>	(Optional) SNMP policy name
---------------	-----------------------------

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show snmp [policy <policy>]
```

# show snmp clientgroups

**show snmp [policy <policy>] clientgroups**

**Description:** Show snmp client group policies

**Syntax:**

<i>policy</i>	(Optional) SNMP policy name
---------------	-----------------------------

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show snmp [policy <policy>] clientgroups
```

# show snmp community

**show snmp [policy <policy>] community**

**Description:** Show snmp community information

**Syntax:**

<i>policy</i>	(Optional) SNMP policy name
---------------	-----------------------------

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show snmp [policy <policy>] community
```

# show snmp engineid

**show snmp [policy <policy>] engineid**

**Description:** Show snmp v3 engine-id

**Syntax:**

<i>policy</i>	(Optional) SNMP policy name
---------------	-----------------------------

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show snmp [policy <policy>] engineid
```

# show snmp hosts

**show snmp [policy <policy>] hosts**

**Description:** Show snmp trap hosts

**Syntax:**

<i>policy</i>	(Optional) SNMP policy name
---------------	-----------------------------

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show snmp [policy <policy>] hosts
```



# show snmp summary

**show snmp [policy <policy>] summary**

**Description:** Show snmp summary

**Syntax:**

<i>policy</i>	(Optional) SNMP policy name
---------------	-----------------------------

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show snmp [policy <policy>] summary
```

# show snmp users

**show snmp [policy <policy>] users**

**Description:** Show snmp v3 users

**Syntax:**

<i>policy</i>	(Optional) SNMP policy name
---------------	-----------------------------

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show snmp [policy <policy>] users
```

# show stats

**show stats granularity <granularity-value> [history] [cumulative] tenant|leaf|spine**

**Description:** Show statistics

**Syntax:**

granularity	Choose granularity value
< <i>granularity-value</i> >	<granularity-value>
history	(Optional) historical stats information
cumulative	(Optional) cumulative stats information
<i>tenant</i>	command scope
<i>leaf</i>	command scope
<i>spine</i>	command scope

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show stats granularity <granularity-value> [history] [cumulative] tenant|leaf|spine
```

# show stats granularity communication controller

**show stats granularity <granularity-value> [history] [cumulative] communication controller node-id**

**Description:** Show command for nginx web-requests

**Syntax:**

<i>node-id</i>	node-id
----------------	---------

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show stats granularity <granularity-value> [history] [cumulative] communication controller  
node-id
```

# show stats granularity leaf

**show stats granularity** <granularity-value> [history] [cumulative] leaf <leafId>

**Description:** Show command for leaf

**Syntax:**

<leafId>	Leaf id
----------	---------

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show stats granularity <granularity-value> [history] [cumulative] leaf <leafId>
```

# show stats granularity leaf fex

**show stats granularity** <granularity-value> [history] [cumulative] leaf <leafId> fex <fexNum>

**Description:** Show extended chassis information

**Syntax:**

<leafId>	Leaf id
<fexNum>	pls enter fex number

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show stats granularity <granularity-value> [history] [cumulative] leaf <leafId> fex <fexNum>
```

# show stats granularity leaf fex module

**show stats granularity <granularity-value> [history] [cumulative] leaf <leafId> fex <fexNum> module <lcSlot>**

**Description:** Show inventory module information

**Syntax:**

<leafId>	Leaf id
<fexNum>	pls enter fex number
<lcSlot>	please enter the module number

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show stats granularity <granularity-value> [history] [cumulative] leaf <leafId> fex  
<fexNum> module <lcSlot>
```

# show stats granularity leaf interface ethernet

**show stats granularity <granularity-value> [history] [cumulative] leaf <leafId> interface ethernet <phyInt>**

**Description:** Ethernet IEEE 802.3z

**Syntax:**

<i>&lt;leafId&gt;</i>	Leaf id
<i>&lt;phyInt&gt;</i>	<slot or chassis-number/port or slot number>

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show stats granularity <granularity-value> [history] [cumulative] leaf <leafId> interface ethernet <phyInt>
```



# show stats granularity leaf interface fc

**show stats granularity** <granularity-value> [history] [cumulative] leaf <leafId> interface fc <phyInt>

**Description:** Fibre Channel Protocol

**Syntax:**

<leafId>	Leaf id
<phyInt>	<slot or chassis-number/port or slot number>

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show stats granularity <granularity-value> [history] [cumulative] leaf <leafId> interface  
fc <phyInt>
```

# show stats granularity leaf interface fcportchannel

**show stats granularity <granularity-value> [history] [cumulative] leaf <leafId> interface fcportchannel <portChan>**

**Description:** FC Port channel interface

**Syntax:**

<leafId>	Leaf id
<portChan>	<Port channel number>

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show stats granularity <granularity-value> [history] [cumulative] leaf <leafId> interface  
fcportchannel <portChan>
```

# show stats granularity leaf interface mgmt

**show stats granularity <granularity-value> [history] [cumulative] leaf <leafId> interface mgmt <mgmtPort>**

**Description:** Management interface

**Syntax:**

<i>&lt;leafId&gt;</i>	Leaf id
<i>&lt;mgmtPort&gt;</i>	<Management interface number>

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show stats granularity <granularity-value> [history] [cumulative] leaf <leafId> interface  
mgmt <mgmtPort>
```

# show stats granularity leaf interface portchannel

**show stats granularity** <granularity-value> [history] [cumulative] leaf <leafId> interface portchannel <portChan>

**Description:** Port channel interface

**Syntax:**

<leafId>	Leaf id
<portChan>	<Port channel number>

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show stats granularity <granularity-value> [history] [cumulative] leaf <leafId> interface  
portchannel <portChan>
```

# show stats granularity leaf interface vethernet

**show stats granularity** <granularity-value> [history] [cumulative] leaf <leafId> interface vethernet <phyInt>

**Description:** vethernet ID

**Syntax:**

<leafId>	Leaf id
<phyInt>	<slot or chassis-number/port or slot number>

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show stats granularity <granularity-value> [history] [cumulative] leaf <leafId> interface  
vethernet <phyInt>
```

# show stats granularity leaf inventory chassis

**show stats granularity <granularity-value> [history] [cumulative] leaf <leafId> inventory chassis**

**Description:** Show inventory chassis information

**Syntax:**

<leafId>	Leaf id
----------	---------

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show stats granularity <granularity-value> [history] [cumulative] leaf <leafId> inventory chassis
```

# show stats granularity leaf inventory fans

**show stats granularity** <granularity-value> [history] [cumulative] leaf <leafId> inventory fans <ftSlot>

**Description:** Show inventory fan information

**Syntax:**

<leafId>	Leaf id
<ftSlot>	pls enter fan tray number

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show stats granularity <granularity-value> [history] [cumulative] leaf <leafId> inventory fans <ftSlot>
```

# show stats granularity leaf inventory powersupply

**show stats granularity** <granularity-value> [history] [cumulative] leaf <leafId> inventory powersupply <psuSlot>

**Description:** Show inventory power supply information

**Syntax:**

<leafId>	Leaf id
<psuSlot>	pls enter the powersupply number

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show stats granularity <granularity-value> [history] [cumulative] leaf <leafId> inventory powersupply <psuSlot>
```



# show stats granularity leaf inventory supervisor

**show stats granularity <granularity-value> [history] [cumulative] leaf <leafId> inventory supervisor <supMod>**

**Description:** Show information for supervisor module

**Syntax:**

<leafId>	Leaf id
<supMod>	pls enter the supervisor module number

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show stats granularity <granularity-value> [history] [cumulative] leaf <leafId> inventory  
supervisor <supMod>
```

# show stats granularity spine

**show stats granularity <granularity-value> [history] [cumulative] spine <leafId>**

**Description:** Show command for spine

**Syntax:**

<i>&lt;leafId&gt;</i>	Leaf id
-----------------------	---------

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show stats granularity <granularity-value> [history] [cumulative] spine <leafId>
```

# show stats granularity spine interface ethernet

**show stats granularity <granularity-value> [history] [cumulative] spine <leafId> interface ethernet <phyInt>**

**Description:** Ethernet IEEE 802.3z

**Syntax:**

<leafId>	Leaf id
<phyInt>	<slot or chassis-number/port or slot number>

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show stats granularity <granularity-value> [history] [cumulative] spine <leafId> interface ethernet <phyInt>
```

# show stats granularity spine interface mgmt

**show stats granularity <granularity-value> [history] [cumulative] spine <leafId> interface mgmt <mgmtPort>**

**Description:** Management interface

**Syntax:**

<leafId>	Leaf id
<mgmtPort>	<Management interface number>

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show stats granularity <granularity-value> [history] [cumulative] spine <leafId> interface  
mgmt <mgmtPort>
```

# show stats granularity spine inventory chassis

**show stats granularity <granularity-value> [history] [cumulative] spine <leafId> inventory chassis**

**Description:** Show inventory chassis information

**Syntax:**

<i>&lt;leafId&gt;</i>	Leaf id
-----------------------	---------

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show stats granularity <granularity-value> [history] [cumulative] spine <leafId> inventory chassis
```

# show stats granularity spine inventory fabric

**show stats granularity <granularity-value> [history] [cumulative] spine <leafId> inventory fabric <fcMod>**

**Description:** Show information for fabric module

**Syntax:**

<i>&lt;leafId&gt;</i>	Leaf id
<i>&lt;fcMod&gt;</i>	pls enter the fabric module number

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show stats granularity <granularity-value> [history] [cumulative] spine <leafId> inventory fabric <fcMod>
```

# show stats granularity spine inventory fans

**show stats granularity <granularity-value> [history] [cumulative] spine <leafId> inventory fans <ftSlot>**

**Description:** Show inventory fan information

**Syntax:**

<leafId>	Leaf id
<ftSlot>	pls enter fan tray number

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show stats granularity <granularity-value> [history] [cumulative] spine <leafId> inventory fans <ftSlot>
```

# show stats granularity spine inventory module

**show stats granularity <granularity-value> [history] [cumulative] spine <leafId> inventory module <lcSlot>**

**Description:** Show inventory module information

**Syntax:**

<i>&lt;leafId&gt;</i>	Leaf id
<i>&lt;lcSlot&gt;</i>	please enter the module number

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show stats granularity <granularity-value> [history] [cumulative] spine <leafId> inventory  
module <lcSlot>
```



# show stats granularity spine inventory powersupply

**show stats granularity <granularity-value> [history] [cumulative] spine <leafId> inventory powersupply <psuSlot>**

**Description:** Show inventory power supply information

**Syntax:**

<i>&lt;leafId&gt;</i>	Leaf id
<i>&lt;psuSlot&gt;</i>	pls enter the powersupply number

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show stats granularity <granularity-value> [history] [cumulative] spine <leafId> inventory powersupply <psuSlot>
```

# show stats granularity spine inventory supervisor

**show stats granularity** <granularity-value> [history] [cumulative] spine <leafId> inventory supervisor <supMod>

**Description:** Show information for supervisor module

**Syntax:**

<leafId>	Leaf id
<supMod>	pls enter the supervisor module number

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show stats granularity <granularity-value> [history] [cumulative] spine <leafId> inventory  
supervisor <supMod>
```

# show stats granularity spine inventory system

**show stats granularity <granularity-value> [history] [cumulative] spine <leafId> inventory system <sysMod>**

**Description:** Show information for system module

**Syntax:**

<i>&lt;leafId&gt;</i>	Leaf id
<i>&lt;sysMod&gt;</i>	pls enter the system module number

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show stats granularity <granularity-value> [history] [cumulative] spine <leafId> inventory system <sysMod>
```

# show stats granularity tenant

**show stats granularity <granularity-value> [history] [cumulative] tenant WORD**

**Description:** Show Tenants Information

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
-------------	---

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show stats granularity <granularity-value> [history] [cumulative] tenant WORD
```

# show stats granularity tenant application

**show stats granularity <granularity-value> [history] [cumulative] tenant WORD application WORD**

**Description:** Show Application Profiles Information

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the application we eventually want to filter on (Max Size 64)

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show stats granularity <granularity-value> [history] [cumulative] tenant WORD application  
WORD
```

# show stats granularity tenant application epg

**show stats granularity <granularity-value> [history] [cumulative] tenant WORD application WORD epg WORD**

**Description:** Show Application EPG Information

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the application we eventually want to filter on (Max Size 64)
<i>WORD</i>	Name of the AEPG to filter on (Max Size 64)

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show stats granularity <granularity-value> [history] [cumulative] tenant WORD application  
WORD epg WORD
```

# show stats granularity tenant dnsservergroup

**show stats granularity <granularity-value> [history] [cumulative] tenant WORD dnsservergroup WORD**

**Description:** Show Dns Server Group Information

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the dns server group we eventually want to filter on (Max Size 16)

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show stats granularity <granularity-value> [history] [cumulative] tenant WORD dnsservergroup  
WORD
```

# show stats granularity tenant dnsservergroup server

**show stats granularity <granularity-value> [history] [cumulative] tenant WORD dnsservergroup WORD server WORD**

**Description:** Show Dns Server Information

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the dns server group we eventually want to filter on (Max Size 16)
<i>WORD</i>	IP of server we eventually want to filter on (Max Size None)

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show stats granularity <granularity-value> [history] [cumulative] tenant WORD dnsservergroup
WORD server WORD
```



# show stats granularity tenant dnsservergroup server domain

**show stats granularity <granularity-value> [history] [cumulative] tenant WORD dnsservergroup WORD server WORD domain WORD**

**Description:** Show Dns Domain Information

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the dns server group we eventually want to filter on (Max Size 16)
<i>WORD</i>	IP of server we eventually want to filter on (Max Size None)
<i>WORD</i>	Domain we eventually want to filter on (Max Size 512)

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show stats granularity <granularity-value> [history] [cumulative] tenant WORD dnsservergroup
WORD server WORD domain WORD
```

# show stats granularity tenant dot1q-tunnel

**show stats granularity <granularity-value> [history] [cumulative] tenant WORD dot1q-tunnel WORD**

**Description:** Show Dot1q-tunnel Information

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the TnIEPG to filter on (Max Size 64)

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show stats granularity <granularity-value> [history] [cumulative] tenant WORD dot1q-tunnel  
WORD
```

## show stats granularity tenant multicast-route-maps

**show stats granularity <granularity-value> [history] [cumulative] tenant WORD multicast-route-maps**

**Description:** Show multicast route-maps per Tenant

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
-------------	---

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show stats granularity <granularity-value> [history] [cumulative] tenant WORD
multicast-route-maps
```

# show stats granularity tenant vrf

**show stats granularity <granularity-value> [history] [cumulative] tenant WORD vrf WORD**

**Description:** Show VRF Information

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the VRF to filter on (Max Size 64)

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show stats granularity <granularity-value> [history] [cumulative] tenant WORD vrf WORD
```

# show stats granularity tenant vrf acllog l2

**show stats granularity <granularity-value> [history] [cumulative] tenant WORD vrf WORD acllog <permitDrop> l2 flow vlan <NUMBER> srcintf <srcintf>**

**Description:** L2 flow stats

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the VRF to filter on (Max Size 64)
<i>permitDrop</i>	permitDrop
flow	flowi stats
vlan	vlan info
<vlan>	<vlan>. Number range from=0 to=9223372036854775807
srcintf	source interface
<srcintf>	<srcintf>

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show stats granularity <granularity-value> [history] [cumulative] tenant WORD vrf WORD
acllog <permitDrop> l2 flow vlan <NUMBER> srcintf <srcintf>
```

## show stats granularity tenant vrf aclog l3

**show stats granularity** <granularity-value> [history] [cumulative] tenant **WORD** vrf **WORD** aclog <permitDrop> **l3** flow srcpctag <srcpctag> dstpctag <dstpctag> srcepname <srcepname> dstepname <dstepname> srcip <A.B.C.D or A:B::C:D> dstip <A.B.C.D or A:B::C:D> proto <proto> srcport <srcport> dstport <dstport> srcintf <srcintf>

**Description:** L3 flow stats

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the VRF to filter on (Max Size 64)
<i>permitDrop</i>	permitDrop
flow	flow stats
srcpctag	source pc tag
< <i>srcpctag</i> >	<srcpctag>
dstpctag	destination pc tag
< <i>dstpctag</i> >	<dstpctag>
srcepname	source epg name
< <i>srcepname</i> >	<srcepname>
dstepname	destination epg name
< <i>dstepname</i> >	<dstepname>
srcip	source ip
<i>A.B.C.D or A:B::C:D</i>	IP address in format i.i.i.i or IPv6 address in format xxxx:xxxx, xxxx::xx
dstip	destination ip
<i>A.B.C.D or A:B::C:D</i>	IP address in format i.i.i.i or IPv6 address in format xxxx:xxxx, xxxx::xx
proto	protocol
< <i>proto</i> >	<proto>
srcport	source port
< <i>srcport</i> >	<srcport>
dstport	destination port
< <i>dstport</i> >	<dstport>

srcintf	source interface
<srcintf>	<srcintf>

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show stats granularity <granularity-value> [history] [cumulative] tenant WORD vrf WORD
acllog <permitDrop> l3 flow srcpctag <srcpctag> dstpctag <dstpctag> srcepname <srcepname>
  dstepname <dstepname> srcip <A.B.C.D or A::B::C:D> dstip <A.B.C.D or A::B::C:D> proto
<proto> srcport <srcport> dstport <dstport> srcintf <srcintf>
```

# show stats granularity tenant vrf detail

**show stats granularity <granularity-value> [history] [cumulative] tenant WORD vrf WORD detail**

**Description:** Show detailed view of VRF

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the VRF to filter on (Max Size 64)

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show stats granularity <granularity-value> [history] [cumulative] tenant WORD vrf WORD detail
```



# show stats granularity tenant vrf external-l3 bgp

**show stats granularity <granularity-value> [history] [cumulative] tenant WORD vrf WORD external-l3 bgp**

**Description:** Show command for BGP peers

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the VRF to filter on (Max Size 64)

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show stats granularity <granularity-value> [history] [cumulative] tenant WORD vrf WORD  
external-l3 bgp
```

# show stats granularity tenant vrf external-l3 bgp node

**show stats granularity <granularity-value> [history] [cumulative] tenant WORD vrf WORD external-l3 bgp node <101-4000>**

**Description:** node to filter on

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the VRF to filter on (Max Size 64)
<i>&lt;101-4000&gt;</i>	Leaf Range or Leaf Name List

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show stats granularity <granularity-value> [history] [cumulative] tenant WORD vrf WORD
external-l3 bgp node <101-4000>
```

# show stats granularity tenant vrf external-l3 eigrp

**show stats granularity <granularity-value> [history] [cumulative] tenant WORD vrf WORD external-l3 eigrp**

**Description:** Show external l3 EIGRP

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the VRF to filter on (Max Size 64)

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show stats granularity <granularity-value> [history] [cumulative] tenant WORD vrf WORD  
external-l3 eigrp
```

# show stats granularity tenant vrf external-l3 eigrp detail

**show stats granularity <granularity-value> [history] [cumulative] tenant WORD vrf WORD external-l3 eigrp detail**

**Description:** Show interanl details

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the VRF to filter on (Max Size 64)

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show stats granularity <granularity-value> [history] [cumulative] tenant WORD vrf WORD external-l3 eigrp detail
```

# show stats granularity tenant vrf external-l3 epg

**show stats granularity** <granularity-value> [history] [cumulative] tenant WORD vrf WORD external-l3 epg <epgName>

**Description:** Show command for external-l3 epgs

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the VRF to filter on (Max Size 64)
<epgName>	Name of the EPG to filter on

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show stats granularity <granularity-value> [history] [cumulative] tenant WORD vrf WORD  
external-l3 epg <epgName>
```

# show stats granularity tenant vrf external-l3 epg detail

**show stats granularity <granularity-value> [history] [cumulative] tenant WORD vrf WORD external-l3 epg <epgName> detail**

**Description:** external-l3 epg in detail with operational status

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the VRF to filter on (Max Size 64)
<i>&lt;epgName&gt;</i>	Name of the EPG to filter on

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show stats granularity <granularity-value> [history] [cumulative] tenant WORD vrf WORD  
external-l3 epg <epgName> detail
```

# show stats granularity tenant vrf external-l3 epg name

**show stats granularity** <granularity-value> [history] [cumulative] tenant WORD vrf WORD external-l3 epg <epgName> name <epgName>

**Description:** EPG name to filter on

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the VRF to filter on (Max Size 64)
<epgName>	Name of the EPG to filter on
<epgName>	Name of the EPG to filter on

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show stats granularity <granularity-value> [history] [cumulative] tenant WORD vrf WORD
external-l3 epg <epgName> name <epgName>
```

# show stats granularity tenant vrf external-l3 epg name detail

**show stats granularity <granularity-value> [history] [cumulative] tenant WORD vrf WORD external-l3 epg <epgName> name <epgName> detail**

**Description:** external-l3 epg in detail with operational status

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the VRF to filter on (Max Size 64)
<i>&lt;epgName&gt;</i>	Name of the EPG to filter on
<i>&lt;epgName&gt;</i>	Name of the EPG to filter on

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show stats granularity <granularity-value> [history] [cumulative] tenant WORD vrf WORD
external-l3 epg <epgName> name <epgName> detail
```



# show stats granularity tenant vrf external-l3 interfaces

**show stats granularity <granularity-value> [history] [cumulative] tenant WORD vrf WORD external-l3 interfaces**

**Description:** Show tenant <tenant> vrf <vrf> external l3 interfaces

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the VRF to filter on (Max Size 64)

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show stats granularity <granularity-value> [history] [cumulative] tenant WORD vrf WORD  
external-l3 interfaces
```

# show stats granularity tenant vrf external-l3 interfaces detail

**show stats granularity <granularity-value> [history] [cumulative] tenant WORD vrf WORD external-l3 interfaces detail**

**Description:** Show interfaces details

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the VRF to filter on (Max Size 64)

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show stats granularity <granularity-value> [history] [cumulative] tenant WORD vrf WORD external-l3 interfaces detail
```

# show stats granularity tenant vrf external-l3 ospf

**show stats granularity <granularity-value> [history] [cumulative] tenant WORD vrf WORD external-l3 ospf**

**Description:** Show command for IPv4 and IPv6 external l3 OSPF configuration

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the VRF to filter on (Max Size 64)

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show stats granularity <granularity-value> [history] [cumulative] tenant WORD vrf WORD  
external-l3 ospf
```

# show stats granularity tenant vrf external-l3 ospf detail

**show stats granularity <granularity-value> [history] [cumulative] tenant WORD vrf WORD external-l3 ospf detail**

**Description:** Show internal details

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the VRF to filter on (Max Size 64)

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show stats granularity <granularity-value> [history] [cumulative] tenant WORD vrf WORD external-l3 ospf detail
```

# show stats granularity tenant vrf external-l3 scale

**show stats granularity <granularity-value> [history] [cumulative] tenant WORD vrf WORD external-l3 scale**

**Description:** scale command

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the VRF to filter on (Max Size 64)

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show stats granularity <granularity-value> [history] [cumulative] tenant WORD vrf WORD  
external-l3 scale
```

# show stats granularity tenant vrf external-l3 scale detail

**show stats granularity <granularity-value> [history] [cumulative] tenant WORD vrf WORD external-l3 scale detail**

**Description:** Show scale details

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the VRF to filter on (Max Size 64)

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show stats granularity <granularity-value> [history] [cumulative] tenant WORD vrf WORD  
external-l3 scale detail
```

# show stats granularity tenant vrf external-l3 static-route

**show stats granularity <granularity-value> [history] [cumulative] tenant WORD vrf WORD external-l3 static-route**

**Description:** Show command for external-l3 static routes

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the VRF to filter on (Max Size 64)

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show stats granularity <granularity-value> [history] [cumulative] tenant WORD vrf WORD external-l3 static-route
```

# show stats granularity tenant vrf external-l3 static-route detail

**show stats granularity <granularity-value> [history] [cumulative] tenant WORD vrf WORD external-l3 static-route detail**

**Description:** static-route in detail with operational status

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the VRF to filter on (Max Size 64)

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show stats granularity <granularity-value> [history] [cumulative] tenant WORD vrf WORD  
external-l3 static-route detail
```



# show stats granularity tenant vrf external-l3 static-route node

**show stats granularity <granularity-value> [history] [cumulative] tenant WORD vrf WORD external-l3 static-route node**

**Description:** node to filter on

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the VRF to filter on (Max Size 64)
<i>arg</i>	Leaf Range or Leaf Name List

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show stats granularity <granularity-value> [history] [cumulative] tenant WORD vrf WORD  
external-l3 static-route node
```

# show stats granularity tenant vrf external-l3 static-route node detail

**show stats granularity <granularity-value> [history] [cumulative] tenant WORD vrf WORD external-l3 static-route node detail**

**Description:** static-route in detail with operational status

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the VRF to filter on (Max Size 64)
<i>arg</i>	Leaf Range or Leaf Name List

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show stats granularity <granularity-value> [history] [cumulative] tenant WORD vrf WORD
external-l3 static-route node detail
```

# show stats granularity tenant vrf multicast

**show stats granularity <granularity-value> [history] [cumulative] tenant WORD vrf WORD multicast**

**Description:** Show multicast configuration per VRF

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the VRF to filter on (Max Size 64)

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show stats granularity <granularity-value> [history] [cumulative] tenant WORD vrf WORD
multicast
```

# show switch

**show switch**

**Description:** Show switch information

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show switch
```

# show switch detail

**show switch detail [id <switch-id>]**

**Description:** Show switch detailed information

**Syntax:**

<i>switch-id</i>	(Optional) Optional switch id. Number range from=0 to=9223372036854775807
------------------	---

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show switch detail [id <switch-id>]
```

# show tacacs-server

**show tacacs-server**

**Description:** Show tacacs server information

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show tacacs-server
```

# show techsupport all

**show techsupport all status**

**Description:** Techsupport status for all

**Syntax:**

status	Status
--------	--------

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show techsupport all status
```

# show techsupport controllers

## show techsupport controllers status

**Description:** Techsupport status for controllers

### Syntax:

status	Status
--------	--------

**Command Mode:** exec : Exec Mode

### Command Path:

```
# show techsupport controllers status
```



# show techsupport host

**show techsupport host <NUMBER> status**

**Description:** Techsupport status for host

**Syntax:**

<i>&lt;Odevid&gt;</i>	Specify the host Odev ID. Number range from=0 to=9223372036854775807
status	Status

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show techsupport host <NUMBER> status
```

# show techsupport switch

**show techsupport switch switchId <switchId> status**

**Description:** Techsupport status for switch

**Syntax:**

<i>switchId</i> < <i>switchId</i> >	switch id 101-4000 or range(s): 101-103,104
status	Status

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show techsupport switch switchId <switchId> status
```

# show tenant

**show tenant WORD**

**Description:** Show Tenants Information

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
-------------	---

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show tenant WORD
```

# show tenant access-list

**show tenant WORD access-list WORD**

**Description:** Show Access-list Information

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the Contract to filter on (Max Size 64)

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show tenant WORD access-list WORD
```

# show tenant application

**show tenant WORD application WORD**

**Description:** Show Application Profiles Information

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the application we eventually want to filter on (Max Size 64)

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show tenant WORD application WORD
```

# show tenant application endpoints

**show tenant WORD application WORD endpoints [type <type>] [mac <E.E.E EE-EE-EE-EE-EE-EE EE:EE:EE:EE:EE:EE EEEE.EEEE.EEEE >] [vlan <NUMBER>] [ip <A.B.C.D>] [ipv6 <A:B::C:D>]**

**Description:** Show IP endpoints

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the application we eventually want to filter on (Max Size 64)
<i>type</i>	(Optional) Endpoint Type
<i>E.E.E EE-EE-EE-EE-EE-EE EE:EE:EE:EE:EE:EE EEEE.EEEE.EEEE</i>	(Optional) MAC address (Option 1) MAC address (Option 2) MAC address (Option 3) MAC address (Option 4)
<i>&lt;1-4094&gt;</i>	(Optional) Encapsulation Vlan. Number range from=1 to=4094
<i>A.B.C.D</i>	(Optional) IP Unicast address in format i.i.i.i
<i>A:B::C:D</i>	(Optional) IPv6 address in format xxxx:xxxx, xxxx::xx

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show tenant WORD application WORD endpoints [type <type>] [mac <E.E.E EE-EE-EE-EE-EE-EE EE:EE:EE:EE:EE:EE EEEE.EEEE.EEEE >] [vlan <NUMBER>] [ip <A.B.C.D>] [ipv6 <A:B::C:D>]
```

# show tenant application endpoints leaf interface ethernet

**show tenant** WORD application WORD endpoints [type <type>] [mac <E.E.E EE-EE-EE-EE-EE-EE EE:EE:EE:EE:EE:EE EEEE.EEEE.EEEE >] [vlan <NUMBER>] [ip <A.B.C.D>] [ipv6 <A:B::C:D>] leaf <WORD> interface ethernet ethernet [<fex>/<slot>/<port>]

**Description:** Show IP endpoints on an interface ethernet

## Syntax:

WORD	Name of the tenant to filter on (Max Size 63)
WORD	Name of the application we eventually want to filter on (Max Size 64)
type	(Optional) Endpoint Type
E.E.E EE-EE-EE-EE-EE-EE EE:EE:EE:EE:EE:EE EEEE.EEEE.EEEE	(Optional) MAC address (Option 1) MAC address (Option 2) MAC address (Option 3) MAC address (Option 4)
<1-4094>	(Optional) Encapsulation Vlan. Number range from=1 to=4094
A.B.C.D	(Optional) IP Unicast address in format i.i.i.i
A:B::C:D	(Optional) IPv6 address in format xxxx:xxxx, xxxx::xx
WORD	Leaf Number (Max Size 4000). Number range from=0 to=9223372036854775807
ethernet [<fex>/<slot>/<port>]	Ethernet Range

**Command Mode:** exec : Exec Mode

## Command Path:

```
# show tenant WORD application WORD endpoints [type <type>] [mac <E.E.E EE-EE-EE-EE-EE-EE EE:EE:EE:EE:EE:EE EEEE.EEEE.EEEE >] [vlan <NUMBER>] [ip <A.B.C.D>] [ipv6 <A:B::C:D>] leaf <WORD> interface ethernet ethernet [<fex>/<slot>/<port>]
```

# show tenant application endpoints leaf interface port-channel

**show tenant WORD application WORD endpoints [type <type>] [mac <E.E.E EE-EE-EE-EE-EE-EE EE:EE:EE:EE:EE:EE EEEE.EEEE.EEEE >] [vlan <NUMBER>] [ip <A.B.C.D>] [ipv6 <A:B::C:D>] leaf <WORD> interface port-channel <WORD> [fex <NUMBER>]**

**Description:** Show IP endpoints on an interface port-channel

## Syntax:

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the application we eventually want to filter on (Max Size 64)
<i>type</i>	(Optional) Endpoint Type
<i>E.E.E EE-EE-EE-EE-EE-EE EE:EE:EE:EE:EE:EE EEEE.EEEE.EEEE</i>	(Optional) MAC address (Option 1) MAC address (Option 2) MAC address (Option 3) MAC address (Option 4)
<i>&lt;1-4094&gt;</i>	(Optional) Encapsulation Vlan. Number range from=1 to=4094
<i>A.B.C.D</i>	(Optional) IP Unicast address in format i.i.i.i
<i>A:B::C:D</i>	(Optional) IPv6 address in format xxxx:xxxx, xxxx::xx
<i>WORD</i>	Leaf Number (Max Size 4000). Number range from=0 to=9223372036854775807
<i>WORD</i>	Port Channel Name (Max Size 64)
<i>&lt;101-199&gt;</i>	(Optional) Fex Id. Number range from=101 to=199

**Command Mode:** exec : Exec Mode

## Command Path:

```
# show tenant WORD application WORD endpoints [type <type>] [mac <E.E.E EE-EE-EE-EE-EE-EE  
EE:EE:EE:EE:EE:EE EEEE.EEEE.EEEE >] [vlan <NUMBER>] [ip <A.B.C.D>] [ipv6 <A:B::C:D>] leaf  
<WORD> interface port-channel <WORD> [fex <NUMBER>]
```



# show tenant application endpoints vpc

```
show tenant WORD application WORD endpoints [type <type>] [mac <E.E.E EE-EE-EE-EE-EE-EE
EE:EE:EE:EE:EE:EE EEEE.EEEE.EEEE >] [vlan <NUMBER>] [ip <A.B.C.D>] [ipv6 <A:B::C:D>] vpc context <WORD>
<WORD> interface vpc <WORD> [fex <fex>]
```

**Description:** Show IP endpoints on vpc

## Syntax:

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the application we eventually want to filter on (Max Size 64)
<i>type</i>	(Optional) Endpoint Type
<i>E.E.E EE-EE-EE-EE-EE-EE EE:EE:EE:EE:EE:EE EEEE.EEEE.EEEE</i>	(Optional) MAC address (Option 1) MAC address (Option 2) MAC address (Option 3) MAC address (Option 4)
<i>&lt;1-4094&gt;</i>	(Optional) Encapsulation Vlan. Number range from=1 to=4094
<i>A.B.C.D</i>	(Optional) IP Unicast address in format i.i.i.i
<i>A:B::C:D</i>	(Optional) IPv6 address in format xxxx:xxxx, xxxx::xx
context	VPC Context
<i>WORD</i>	First VPC leaf (Max Size 4000). Number range from=0 to=9223372036854775807
<i>WORD</i>	Second VPC leaf (Max Size 4000). Number range from=0 to=9223372036854775807
interface	VPC Interface name
vpc	VPC Interface name
<i>WORD</i>	VPC Name (Max Size 64)
<i>fex</i>	(Optional) Fex Id. Number range from=101 to=199

**Command Mode:** exec : Exec Mode

## Command Path:

```
# show tenant WORD application WORD endpoints [type <type>] [mac <E.E.E EE-EE-EE-EE-EE-EE
EE:EE:EE:EE:EE:EE EEEE.EEEE.EEEE >] [vlan <NUMBER>] [ip <A.B.C.D>] [ipv6 <A:B::C:D>] vpc
context <WORD> <WORD> interface vpc <WORD> [fex <fex>]
```

# show tenant application epg

**show tenant WORD application WORD epg WORD**

**Description:** Show Application EPG Information

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the application we eventually want to filter on (Max Size 64)
<i>WORD</i>	Name of the AEPG to filter on (Max Size 64)

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show tenant WORD application WORD epg WORD
```

# show tenant application epg detail

**show tenant WORD application WORD epg WORD detail**

**Description:** Show detailed view of Application EPg

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the application we eventually want to filter on (Max Size 64)
<i>WORD</i>	Name of the AEPG to filter on (Max Size 64)

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show tenant WORD application WORD epg WORD detail
```

# show tenant application epg endpoints

**show tenant WORD application WORD epg WORD endpoints [type <type>] [mac <E.E.E EE-EE-EE-EE-EE-EE EE:EE:EE:EE:EE:EE EEEE.EEEE.EEEE >] [vlan <NUMBER>] [ip <A.B.C.D>] [ipv6 <A:B::C:D>]**

**Description:** Show IP endpoints

## Syntax:

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the application we eventually want to filter on (Max Size 64)
<i>WORD</i>	Name of the AEPG to filter on (Max Size 64)
<i>type</i>	(Optional) Endpoint Type
<i>E.E.E EE-EE-EE-EE-EE-EE EE:EE:EE:EE:EE:EE EEEE.EEEE.EEEE</i>	(Optional) MAC address (Option 1) MAC address (Option 2) MAC address (Option 3) MAC address (Option 4)
<i>&lt;1-4094&gt;</i>	(Optional) Encapsulation Vlan. Number range from=1 to=4094
<i>A.B.C.D</i>	(Optional) IP Unicast address in format i.i.i.i
<i>A:B::C:D</i>	(Optional) IPv6 address in format xxxx:xxxx, xxxx::xx

**Command Mode:** exec : Exec Mode

## Command Path:

```
# show tenant WORD application WORD epg WORD endpoints [type <type>] [mac <E.E.E  
EE-EE-EE-EE-EE-EE EE:EE:EE:EE:EE:EE EEEE.EEEE.EEEE >] [vlan <NUMBER>] [ip <A.B.C.D>] [ipv6  
<A:B::C:D>]
```

# show tenant application epg endpoints leaf interface ethernet

**show tenant** WORD application WORD epg WORD endpoints [type <type>] [mac <E.E.E EE-EE-EE-EE-EE-EE EE:EE:EE:EE:EE:EE EEEE.EEEE.EEEE >] [vlan <NUMBER>] [ip <A.B.C.D>] [ipv6 <A:B::C:D>] leaf <WORD> interface ethernet ethernet [<fex>/<slot>/<port>]

**Description:** Show IP endpoints on an interface ethernet

## Syntax:

WORD	Name of the tenant to filter on (Max Size 63)
WORD	Name of the application we eventually want to filter on (Max Size 64)
WORD	Name of the AEPG to filter on (Max Size 64)
type	(Optional) Endpoint Type
E.E.E EE-EE-EE-EE-EE-EE EE:EE:EE:EE:EE:EE EEEE.EEEE.EEEE	(Optional) MAC address (Option 1) MAC address (Option 2) MAC address (Option 3) MAC address (Option 4)
<1-4094>	(Optional) Encapsulation Vlan. Number range from=1 to=4094
A.B.C.D	(Optional) IP Unicast address in format i.i.i.i
A:B::C:D	(Optional) IPv6 address in format xxxx:xxxx, xxxx::xx
WORD	Leaf Number (Max Size 4000). Number range from=0 to=9223372036854775807
ethernet [<fex>/<slot>/<port>]	Ethernet Range

**Command Mode:** exec : Exec Mode

## Command Path:

```
# show tenant WORD application WORD epg WORD endpoints [type <type>] [mac <E.E.E  
EE-EE-EE-EE-EE-EE EE:EE:EE:EE:EE:EE EEEE.EEEE.EEEE >] [vlan <NUMBER>] [ip <A.B.C.D>] [ipv6  
<A:B::C:D>] leaf <WORD> interface ethernet ethernet [<fex>/<slot>/<port>]
```

# show tenant application epg endpoints leaf interface port-channel

**show tenant WORD application WORD epg WORD endpoints [type <type>] [mac <E.E.E EE-EE-EE-EE-EE-EE EE:EE:EE:EE:EE:EE EEEE.EEEE.EEEE >] [vlan <NUMBER>] [ip <A.B.C.D>] [ipv6 <A:B::C:D>] leaf <WORD> interface port-channel <WORD> [fex <NUMBER>]**

**Description:** Show IP endpoints on an interface port-channel

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the application we eventually want to filter on (Max Size 64)
<i>WORD</i>	Name of the AEPG to filter on (Max Size 64)
<i>type</i>	(Optional) Endpoint Type
<i>E.E.E EE-EE-EE-EE-EE-EE EE:EE:EE:EE:EE:EE EEEE.EEEE.EEEE</i>	(Optional) MAC address (Option 1) MAC address (Option 2) MAC address (Option 3) MAC address (Option 4)
<i>&lt;1-4094&gt;</i>	(Optional) Encapsulation Vlan. Number range from=1 to=4094
<i>A.B.C.D</i>	(Optional) IP Unicast address in format i.i.i.i
<i>A:B::C:D</i>	(Optional) IPv6 address in format xxxx:xxxx, xxxx::xx
<i>WORD</i>	Leaf Number (Max Size 4000). Number range from=0 to=9223372036854775807
<i>WORD</i>	Port Channel Name (Max Size 64)
<i>&lt;101-199&gt;</i>	(Optional) Fex Id. Number range from=101 to=199

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show tenant WORD application WORD epg WORD endpoints [type <type>] [mac <E.E.E  
EE-EE-EE-EE-EE-EE EE:EE:EE:EE:EE:EE EEEE.EEEE.EEEE >] [vlan <NUMBER>] [ip <A.B.C.D>] [ipv6  
<A:B::C:D>] leaf <WORD> interface port-channel <WORD> [fex <NUMBER>]
```

# show tenant application epg endpoints vpc

```
show tenant WORD application WORD epg WORD endpoints [type <type>] [mac <E.E.E EE-EE-EE-EE-EE-EE EE:EE:EE:EE:EE:EE EEEE.EEEE.EEEE >] [vlan <NUMBER>] [ip <A.B.C.D>] [ipv6 <A:B::C:D>] vpc context <WORD> <WORD> interface vpc <WORD> [fex <fex>]
```

**Description:** Show IP endpoints on vpc

## Syntax:

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the application we eventually want to filter on (Max Size 64)
<i>WORD</i>	Name of the AEPG to filter on (Max Size 64)
<i>type</i>	(Optional) Endpoint Type
<i>E.E.E EE-EE-EE-EE-EE-EE EE:EE:EE:EE:EE:EE EEEE.EEEE.EEEE</i>	(Optional) MAC address (Option 1) MAC address (Option 2) MAC address (Option 3) MAC address (Option 4)
<i>&lt;1-4094&gt;</i>	(Optional) Encapsulation Vlan. Number range from=1 to=4094
<i>A.B.C.D</i>	(Optional) IP Unicast address in format i.i.i.i
<i>A:B::C:D</i>	(Optional) IPv6 address in format xxxx:xxxx, xxxx::xx
context	VPC Context
<i>WORD</i>	First VPC leaf (Max Size 4000). Number range from=0 to=9223372036854775807
<i>WORD</i>	Second VPC leaf (Max Size 4000). Number range from=0 to=9223372036854775807
interface	VPC Interface name
vpc	VPC Interface name
<i>WORD</i>	VPC Name (Max Size 64)
<i>fex</i>	(Optional) Fex Id. Number range from=101 to=199

**Command Mode:** exec : Exec Mode

## Command Path:

```
# show tenant WORD application WORD epg WORD endpoints [type <type>] [mac <E.E.E EE-EE-EE-EE-EE-EE EE:EE:EE:EE:EE:EE EEEE.EEEE.EEEE >] [vlan <NUMBER>] [ip <A.B.C.D>] [ipv6 <A:B::C:D>] vpc context <WORD> <WORD> interface vpc <WORD> [fex <fex>]
```

# show tenant bridge-domain

**show tenant WORD bridge-domain WORD**

**Description:** Show Bridge-domain Information

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the bridge-domain (Max Size 64)

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show tenant WORD bridge-domain WORD
```



# show tenant bridge-domain detail

**show tenant WORD bridge-domain WORD detail**

**Description:** Show Bridge-domain Detailed Information

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the bridge-domain (Max Size 64)

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show tenant WORD bridge-domain WORD detail
```

# show tenant bridge-domain first-hop-security binding-table

**show tenant WORD bridge-domain WORD first-hop-security binding-table**

**Description:** Show Bridge-domain Binding Table Information

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the bridge-domain (Max Size 64)

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show tenant WORD bridge-domain WORD first-hop-security binding-table
```

# show tenant bridge-domain first-hop-security statistics arp

**show tenant WORD bridge-domain WORD first-hop-security statistics arp**

**Description:** Show Bridge-domain First Hop Security ARP Statistics

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the bridge-domain (Max Size 64)

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show tenant WORD bridge-domain WORD first-hop-security statistics arp
```

# show tenant bridge-domain first-hop-security statistics dhcpv4

**show tenant WORD bridge-domain WORD first-hop-security statistics dhcpv4**

**Description:** Show Bridge-domain First Hop Security DHCPv4 Statistics

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the bridge-domain (Max Size 64)

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show tenant WORD bridge-domain WORD first-hop-security statistics dhcpv4
```

# show tenant bridge-domain first-hop-security statistics dhcpv6

**show tenant WORD bridge-domain WORD first-hop-security statistics dhcpv6**

**Description:** Show Bridge-domain First Hop Security DHCPv6 Statistics

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the bridge-domain (Max Size 64)

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show tenant WORD bridge-domain WORD first-hop-security statistics dhcpv6
```

# show tenant bridge-domain first-hop-security statistics neighbor-discovery

**show tenant WORD bridge-domain WORD first-hop-security statistics neighbor-discovery**

**Description:** Show Bridge-domain First Hop Security Neighbor Discovery Statistics

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the bridge-domain (Max Size 64)

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show tenant WORD bridge-domain WORD first-hop-security statistics neighbor-discovery
```

# show tenant contract-type

**show tenant WORD contract-type WORD**

**Description:** Show Contracts Information Based on Type

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	whitelist (permit) or blacklist(deny) or oob-mgmt type of contract

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show tenant WORD contract-type WORD
```

# show tenant contract

**show tenant WORD contract WORD**

**Description:** Show Contracts Information

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the Contract to filter on (Max Size 64)

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show tenant WORD contract WORD
```



# show tenant detail

**show tenant WORD detail**

**Description:** Show detailed view of tenant

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
-------------	---

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show tenant WORD detail
```

# show tenant dnsservergroup

**show tenant WORD dnsservergroup WORD**

**Description:** Show Dns Server Group Information

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the dns server group we eventually want to filter on (Max Size 16)

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show tenant WORD dnsservergroup WORD
```

# show tenant dnsservergroup server

**show tenant WORD dnsservergroup WORD server WORD**

**Description:** Show Dns Server Information

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the dns server group we eventually want to filter on (Max Size 16)
<i>WORD</i>	IP of server we eventually want to filter on (Max Size None)

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show tenant WORD dnsservergroup WORD server WORD
```

# show tenant dnsservergroup server domain

**show tenant WORD dnsservergroup WORD server WORD domain WORD**

**Description:** Show Dns Domain Information

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the dns server group we eventually want to filter on (Max Size 16)
<i>WORD</i>	IP of server we eventually want to filter on (Max Size None)
<i>WORD</i>	Domain we eventually want to filter on (Max Size 512)

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show tenant WORD dnsservergroup WORD server WORD domain WORD
```

# show tenant dot1q-tunnel

**show tenant WORD dot1q-tunnel WORD**

**Description:** Show Dot1q-tunnel Information

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the TnIEPG to filter on (Max Size 64)

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show tenant WORD dot1q-tunnel WORD
```

# show tenant endpoints

**show tenant WORD endpoints** [*type* <type>] [*mac* <E.E.E EE-EE-EE-EE-EE-EE EE:EE:EE:EE:EE:EE EEEE.EEEE.EEEE >] [*vlan* <NUMBER>] [*ip* <A.B.C.D>] [*ipv6* <A:B::C:D>]

**Description:** Show IP endpoints

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>type</i>	(Optional) Endpoint Type
<i>E.E.E EE-EE-EE-EE-EE-EE EE:EE:EE:EE:EE:EE EEEE.EEEE.EEEE</i>	(Optional) MAC address (Option 1) MAC address (Option 2) MAC address (Option 3) MAC address (Option 4)
<1-4094>	(Optional) Encapsulation Vlan. Number range from=1 to=4094
<i>A.B.C.D</i>	(Optional) IP Unicast address in format i.i.i.i
<i>A:B::C:D</i>	(Optional) IPv6 address in format xxxx:xxxx, xxxx::xx

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show tenant WORD endpoints [type <type>] [mac <E.E.E EE-EE-EE-EE-EE-EE EE:EE:EE:EE:EE:EE  
EEEE.EEEE.EEEE >] [vlan <NUMBER>] [ip <A.B.C.D>] [ipv6 <A:B::C:D>]
```

# show tenant endpoints leaf interface ethernet

```
show tenant WORD endpoints [type <type>] [mac <E.E.E EE-EE-EE-EE-EE-EE EE:EE:EE:EE:EE:EE EEEE.EEEE.EEEE >] [vlan <NUMBER>] [ip <A.B.C.D>] [ipv6 <A:B::C:D>] leaf <WORD> interface ethernet ethernet [<fex>/<slot>/<port>]
```

**Description:** Show IP endpoints on an interface ethernet

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>type</i>	(Optional) Endpoint Type
<i>E.E.E EE-EE-EE-EE-EE-EE EE:EE:EE:EE:EE:EE EEEE.EEEE.EEEE</i>	(Optional) MAC address (Option 1) MAC address (Option 2) MAC address (Option 3) MAC address (Option 4)
<i>&lt;1-4094&gt;</i>	(Optional) Encapsulation Vlan. Number range from=1 to=4094
<i>A.B.C.D</i>	(Optional) IP Unicast address in format i.i.i.i
<i>A:B::C:D</i>	(Optional) IPv6 address in format xxxx:xxxx, xxxx::xx
<i>WORD</i>	Leaf Number (Max Size 4000). Number range from=0 to=9223372036854775807
<i>ethernet [&lt;fex&gt;/&lt;slot&gt;/&lt;port&gt;]</i>	Ethernet Range

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show tenant WORD endpoints [type <type>] [mac <E.E.E EE-EE-EE-EE-EE-EE EE:EE:EE:EE:EE:EE EEEE.EEEE.EEEE >] [vlan <NUMBER>] [ip <A.B.C.D>] [ipv6 <A:B::C:D>] leaf <WORD> interface ethernet ethernet [<fex>/<slot>/<port>]
```

# show tenant endpoints leaf interface port-channel

**show tenant WORD endpoints** [*type* <type>] [*mac* <E.E.E EE-EE-EE-EE-EE-EE EE:EE:EE:EE:EE:EE EEEE.EEEE.EEEE >] [*vlan* <NUMBER>] [*ip* <A.B.C.D>] [*ipv6* <A:B::C:D>] *leaf* <WORD> *interface port-channel* <WORD> [*fex* <NUMBER>]

**Description:** Show IP endpoints on an interface port-channel

## Syntax:

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>type</i>	(Optional) Endpoint Type
<i>E.E.E EE-EE-EE-EE-EE-EE EE:EE:EE:EE:EE:EE EEEE.EEEE.EEEE</i>	(Optional) MAC address (Option 1) MAC address (Option 2) MAC address (Option 3) MAC address (Option 4)
<1-4094>	(Optional) Encapsulation Vlan. Number range from=1 to=4094
<i>A.B.C.D</i>	(Optional) IP Unicast address in format i.i.i.i
<i>A:B::C:D</i>	(Optional) IPv6 address in format xxxx:xxxx, xxxx::xx
<i>WORD</i>	Leaf Number (Max Size 4000). Number range from=0 to=9223372036854775807
<i>WORD</i>	Port Channel Name (Max Size 64)
<101-199>	(Optional) Fex Id. Number range from=101 to=199

**Command Mode:** exec : Exec Mode

## Command Path:

```
# show tenant WORD endpoints [type <type>] [mac <E.E.E EE-EE-EE-EE-EE-EE EE:EE:EE:EE:EE:EE EEEE.EEEE.EEEE >] [vlan <NUMBER>] [ip <A.B.C.D>] [ipv6 <A:B::C:D>] leaf <WORD> interface port-channel <WORD> [fex <NUMBER>]
```



# show tenant endpoints vpc

```
show tenant WORD endpoints [type <type>] [mac <E.E.E EE-EE-EE-EE-EE-EE EE:EE:EE:EE:EE:EE EEEE.EEEE.EEEE >] [vlan <NUMBER>] [ip <A.B.C.D>] [ipv6 <A:B::C:D>] vpc context <WORD> <WORD> interface vpc <WORD> [fex <fex>]
```

**Description:** Show IP endpoints on vpc

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>type</i>	(Optional) Endpoint Type
<i>E.E.E EE-EE-EE-EE-EE-EE EE:EE:EE:EE:EE:EE EEEE.EEEE.EEEE</i>	(Optional) MAC address (Option 1) MAC address (Option 2) MAC address (Option 3) MAC address (Option 4)
<i>&lt;1-4094&gt;</i>	(Optional) Encapsulation Vlan. Number range from=1 to=4094
<i>A.B.C.D</i>	(Optional) IP Unicast address in format i.i.i.i
<i>A:B::C:D</i>	(Optional) IPv6 address in format xxxx:xxxx, xxxx::xx
context	VPC Context
<i>WORD</i>	First VPC leaf (Max Size 4000). Number range from=0 to=9223372036854775807
<i>WORD</i>	Second VPC leaf (Max Size 4000). Number range from=0 to=9223372036854775807
interface	VPC Interface name
vpc	VPC Interface name
<i>WORD</i>	VPC Name (Max Size 64)
<i>fex</i>	(Optional) Fex Id. Number range from=101 to=199

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show tenant WORD endpoints [type <type>] [mac <E.E.E EE-EE-EE-EE-EE-EE EE:EE:EE:EE:EE:EE EEEE.EEEE.EEEE >] [vlan <NUMBER>] [ip <A.B.C.D>] [ipv6 <A:B::C:D>] vpc context <WORD> <WORD> interface vpc <WORD> [fex <fex>]
```

# show tenant epg

**show tenant WORD epg WORD**

**Description:** Show Application EPG Information

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the AEPG to filter on (Max Size 64)

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show tenant WORD epg WORD
```

# show tenant epg detail

**show tenant WORD epg WORD detail**

**Description:** Show detailed view of Application EPg

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the AEPG to filter on (Max Size 64)

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show tenant WORD epg WORD detail
```

# show tenant external-l2 epg

**show tenant WORD external-l2 epg WORD**

**Description:** Show command for external-l2 epgs

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the EPG to filter on (Max Size 64)

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show tenant WORD external-l2 epg WORD
```

# show tenant interface bridge-domain

**show tenant WORD interface bridge-domain WORD**

**Description:** Show Bridge-domain Information

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the bridge-domain (Max Size 64)

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show tenant WORD interface bridge-domain WORD
```

# show tenant interface bridge-domain detail

**show tenant WORD interface bridge-domain WORD detail**

**Description:** Show Bridge-domain Detailed Information

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the bridge-domain (Max Size 64)

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show tenant WORD interface bridge-domain WORD detail
```

# show tenant interface bridge-domain first-hop-security binding-table

**show tenant WORD interface bridge-domain WORD first-hop-security binding-table**

**Description:** Show Bridge-domain Binding Table Information

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the bridge-domain (Max Size 64)

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show tenant WORD interface bridge-domain WORD first-hop-security binding-table
```

# show tenant interface bridge-domain first-hop-security statistics arp

**show tenant WORD interface bridge-domain WORD first-hop-security statistics arp**

**Description:** Show Bridge-domain First Hop Security ARP Statistics

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the bridge-domain (Max Size 64)

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show tenant WORD interface bridge-domain WORD first-hop-security statistics arp
```



# show tenant interface bridge-domain first-hop-security statistics dhcpv4

**show tenant WORD interface bridge-domain WORD first-hop-security statistics dhcpv4**

**Description:** Show Bridge-domain First Hop Security DHCPv4 Statistics

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the bridge-domain (Max Size 64)

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show tenant WORD interface bridge-domain WORD first-hop-security statistics dhcpv4
```

# show tenant interface bridge-domain first-hop-security statistics dhcpv6

**show tenant WORD interface bridge-domain WORD first-hop-security statistics dhcpv6**

**Description:** Show Bridge-domain First Hop Security DHCPv6 Statistics

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the bridge-domain (Max Size 64)

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show tenant WORD interface bridge-domain WORD first-hop-security statistics dhcpv6
```

# show tenant interface bridge-domain first-hop-security statistics neighbor-discovery

**show tenant WORD interface bridge-domain WORD first-hop-security statistics neighbor-discovery**

**Description:** Show Bridge-domain First Hop Security Neighbor Discovery Statistics

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the bridge-domain (Max Size 64)

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show tenant WORD interface bridge-domain WORD first-hop-security statistics  
neighbor-discovery
```

# show tenant ip interface bridge-domain

**show tenant WORD ip interface bridge-domain WORD**

**Description:** Show command for IP properties on interface BD

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the bridge-domain (Max Size 64)

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show tenant WORD ip interface bridge-domain WORD
```

# show tenant ipv6 interface bridge-domain

**show tenant WORD ipv6 interface bridge-domain WORD**

**Description:** Show command for IP properties on interface BD

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the bridge-domain (Max Size 64)

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show tenant WORD ipv6 interface bridge-domain WORD
```

# show tenant multicast-route-maps

**show tenant WORD multicast-route-maps**

**Description:** Show multicast route-maps per Tenant

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
-------------	---

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show tenant WORD multicast-route-maps
```

# show tenant policy-map

**show tenant WORD policy-map**

**Description:** Show policy maps

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
-------------	---

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show tenant WORD policy-map
```

# show tenant policy-map type data-plane

**show tenant WORD policy-map type data-plane WORD [stats]**

**Description:** Data-plane type policy-map(s)

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	data-plane type policy-map(s) (Max Size 64)
stats	(Optional) Data-Plane Policer Statistics, where available

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show tenant WORD policy-map type data-plane WORD [stats]
```



# show tenant policy-map type qos

**show tenant WORD policy-map type qos WORD**

**Description:** QOS type policy-map(s)

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	QOS type policy-map(s) (Max Size 64)

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show tenant WORD policy-map type qos WORD
```

# show tenant vrf

**show tenant WORD vrf WORD**

**Description:** Show VRF Information

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the VRF to filter on (Max Size 64)

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show tenant WORD vrf WORD
```

# show tenant vrf acllog l2

**show tenant WORD vrf WORD acllog <permitDrop> l2 flow vlan <NUMBER> srcintf <srcintf>**

**Description:** L2 flow stats

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the VRF to filter on (Max Size 64)
<i>permitDrop</i>	permitDrop
flow	flowi stats
vlan	vlan info
<vlan>	<vlan>. Number range from=0 to=9223372036854775807
srcintf	source interface
<srcintf>	<srcintf>

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show tenant WORD vrf WORD acllog <permitDrop> l2 flow vlan <NUMBER> srcintf <srcintf>
```

## show tenant vrf aclog l3

**show tenant WORD vrf WORD aclog <permitDrop> l3 flow srcpctag <srcpctag> dstpctag <dstpctag> srcepgname <srcepgname> dstepgname <dstepgname> srcip <A.B.C.D or A:B::C:D> dstip <A.B.C.D or A:B::C:D> proto <proto> srcport <srcport> dstport <dstport> srcintf <srcintf>**

**Description:** L3 flow stats

### Syntax:

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the VRF to filter on (Max Size 64)
<i>permitDrop</i>	permitDrop
flow	flow stats
srcpctag	source pc tag
< <i>srcpctag</i> >	<srcpctag>
dstpctag	destination pc tag
< <i>dstpctag</i> >	<dstpctag>
srcepgname	source epg name
< <i>srcepgname</i> >	<srcepgname>
dstepgname	destination epg name
< <i>dstepgname</i> >	<dstepgname>
srcip	source ip
<i>A.B.C.D or A:B::C:D</i>	IP address in format i.i.i.i or IPv6 address in format xxxx:xxxx, xxxx::xx
dstip	destination ip
<i>A.B.C.D or A:B::C:D</i>	IP address in format i.i.i.i or IPv6 address in format xxxx:xxxx, xxxx::xx
proto	protocol
< <i>proto</i> >	<proto>
srcport	source port
< <i>srcport</i> >	<srcport>
dstport	destination port
< <i>dstport</i> >	<dstport>
srcintf	source interface

<code>&lt;srcintf&gt;</code>	<code>&lt;srcintf&gt;</code>
------------------------------	------------------------------

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show tenant WORD vrf WORD acllog <permitDrop> l3 flow srcpctag <srcpctag> dstpctag  
<dstpctag> srcepname <srcepname> dstepname <dstepname> srcip <A.B.C.D or A:B::C:D> dstip  
<A.B.C.D or A:B::C:D> proto <proto> srcport <srcport> dstport <dstport> srcintf <srcintf>
```

# show tenant vrf detail

**show tenant WORD vrf WORD detail**

**Description:** Show detailed view of VRF

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the VRF to filter on (Max Size 64)

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show tenant WORD vrf WORD detail
```

# show tenant vrf external-l3 bgp

**show tenant WORD vrf WORD external-l3 bgp**

**Description:** Show command for BGP peers

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the VRF to filter on (Max Size 64)

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show tenant WORD vrf WORD external-l3 bgp
```

# show tenant vrf external-l3 bgp node

**show tenant WORD vrf WORD external-l3 bgp node <101-4000>**

**Description:** node to filter on

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the VRF to filter on (Max Size 64)
<i>&lt;101-4000&gt;</i>	Leaf Range or Leaf Name List

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show tenant WORD vrf WORD external-l3 bgp node <101-4000>
```



# show tenant vrf external-l3 eigrp

**show tenant WORD vrf WORD external-l3 eigrp**

**Description:** Show external l3 EIGRP

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the VRF to filter on (Max Size 64)

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show tenant WORD vrf WORD external-l3 eigrp
```

# show tenant vrf external-l3 eigrp detail

**show tenant WORD vrf WORD external-l3 eigrp detail**

**Description:** Show interanl details

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the VRF to filter on (Max Size 64)

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show tenant WORD vrf WORD external-l3 eigrp detail
```

# show tenant vrf external-l3 epg

**show tenant WORD vrf WORD external-l3 epg <epgName>**

**Description:** Show command for external-l3 epgs

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the VRF to filter on (Max Size 64)
<i>&lt;epgName&gt;</i>	Name of the EPG to filter on

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show tenant WORD vrf WORD external-l3 epg <epgName>
```

# show tenant vrf external-l3 epg detail

**show tenant WORD vrf WORD external-l3 epg <epgName> detail**

**Description:** external-l3 epg in detail with operational status

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the VRF to filter on (Max Size 64)
<i>&lt;epgName&gt;</i>	Name of the EPG to filter on

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show tenant WORD vrf WORD external-l3 epg <epgName> detail
```

# show tenant vrf external-l3 epg name

**show tenant WORD vrf WORD external-l3 epg <epgName> name <epgName>**

**Description:** EPG name to filter on

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the VRF to filter on (Max Size 64)
<i>&lt;epgName&gt;</i>	Name of the EPG to filter on
<i>&lt;epgName&gt;</i>	Name of the EPG to filter on

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show tenant WORD vrf WORD external-l3 epg <epgName> name <epgName>
```

## show tenant vrf external-l3 epg name detail

**show tenant WORD vrf WORD external-l3 epg <epgName> name <epgName> detail**

**Description:** external-l3 epg in detail with operational status

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the VRF to filter on (Max Size 64)
<i>&lt;epgName&gt;</i>	Name of the EPG to filter on
<i>&lt;epgName&gt;</i>	Name of the EPG to filter on

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show tenant WORD vrf WORD external-l3 epg <epgName> name <epgName> detail
```

# show tenant vrf external-l3 interfaces

**show tenant WORD vrf WORD external-l3 interfaces**

**Description:** Show tenant <tenant> vrf <vrf> external l3 interfaces

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the VRF to filter on (Max Size 64)

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show tenant WORD vrf WORD external-l3 interfaces
```

# show tenant vrf external-l3 interfaces detail

**show tenant WORD vrf WORD external-l3 interfaces detail**

**Description:** Show interfaces details

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the VRF to filter on (Max Size 64)

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show tenant WORD vrf WORD external-l3 interfaces detail
```



# show tenant vrf external-l3 ospf

**show tenant WORD vrf WORD external-l3 ospf**

**Description:** Show command for IPv4 and IPv6 external l3 OSPF configuration

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the VRF to filter on (Max Size 64)

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show tenant WORD vrf WORD external-l3 ospf
```

# show tenant vrf external-l3 ospf detail

**show tenant WORD vrf WORD external-l3 ospf detail**

**Description:** Show internal details

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the VRF to filter on (Max Size 64)

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show tenant WORD vrf WORD external-l3 ospf detail
```

# show tenant vrf external-l3 route-map

**show tenant WORD vrf WORD external-l3 route-map [name <l3out name>]**

**Description:** Show command for external-l3 route-map

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the VRF to filter on (Max Size 64)
<i>&lt;l3out name&gt;</i>	(Optional) Name of the route-map to filter on

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show tenant WORD vrf WORD external-l3 route-map [name <l3out name>]
```

# show tenant vrf external-l3 route-map detail

**show tenant WORD vrf WORD external-l3 route-map [name <l3out name>] detail**

**Description:** Show external-l3 route-map in detail with operational status

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the VRF to filter on (Max Size 64)
<i>&lt;l3out name&gt;</i>	(Optional) Name of the route-map to filter on

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show tenant WORD vrf WORD external-l3 route-map [name <l3out name>] detail
```

# show tenant vrf external-l3 scale

**show tenant WORD vrf WORD external-l3 scale**

**Description:** scale command

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the VRF to filter on (Max Size 64)

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show tenant WORD vrf WORD external-l3 scale
```

# show tenant vrf external-l3 scale detail

**show tenant WORD vrf WORD external-l3 scale detail**

**Description:** Show scale details

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the VRF to filter on (Max Size 64)

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show tenant WORD vrf WORD external-l3 scale detail
```

# show tenant vrf external-l3 static-route

**show tenant WORD vrf WORD external-l3 static-route**

**Description:** Show command for external-l3 static routes

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the VRF to filter on (Max Size 64)

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show tenant WORD vrf WORD external-l3 static-route
```

# show tenant vrf external-l3 static-route detail

**show tenant WORD vrf WORD external-l3 static-route detail**

**Description:** static-route in detail with operational status

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the VRF to filter on (Max Size 64)

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show tenant WORD vrf WORD external-l3 static-route detail
```



# show tenant vrf external-l3 static-route node

**show tenant WORD vrf WORD external-l3 static-route node**

**Description:** node to filter on

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the VRF to filter on (Max Size 64)
<i>arg</i>	Leaf Range or Leaf Name List

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show tenant WORD vrf WORD external-l3 static-route node
```

# show tenant vrf external-l3 static-route node detail

**show tenant WORD vrf WORD external-l3 static-route node detail**

**Description:** static-route in detail with operational status

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the VRF to filter on (Max Size 64)
<i>arg</i>	Leaf Range or Leaf Name List

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show tenant WORD vrf WORD external-l3 static-route node detail
```

# show tenant vrf multicast

**show tenant WORD vrf WORD multicast**

**Description:** Show multicast configuration per VRF

**Syntax:**

<i>WORD</i>	Name of the tenant to filter on (Max Size 63)
<i>WORD</i>	Name of the VRF to filter on (Max Size 64)

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show tenant WORD vrf WORD multicast
```

# show troubleshoot session

**show troubleshoot session** <session\_name>

**Description:** Show session

**Syntax:**

<i>session_name</i>	Session name
---------------------	--------------

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show troubleshoot session <session_name>
```

# show troubleshoot session atomiccounter

**show troubleshoot session <session\_name> atomiccounter**

**Description:** Show atomic counters

**Syntax:**

<i>session_name</i>	Session name
---------------------	--------------

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show troubleshoot session <session_name> atomiccounter
```

# show troubleshoot session audit

**show troubleshoot session** <session\_name> audit

**Description:** Show audit

**Syntax:**

<i>session_name</i>	Session name
---------------------	--------------

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show troubleshoot session <session_name> audit
```

# show troubleshoot session contracts

**show troubleshoot session <session\_name> contracts**

**Description:** Show contracts

**Syntax:**

<i>session_name</i>	Session name
---------------------	--------------

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show troubleshoot session <session_name> contracts
```

# show troubleshoot session deployments

**show troubleshoot session** <session\_name> deployments

**Description:** Show deployment changes

**Syntax:**

<i>session_name</i>	Session name
---------------------	--------------

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show troubleshoot session <session_name> deployments
```



# show troubleshoot session events

**show troubleshoot session <session\_name> events**

**Description:** Show events

**Syntax:**

<i>session_name</i>	Session name
---------------------	--------------

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show troubleshoot session <session_name> events
```

# show troubleshoot session faults

**show troubleshoot session <session\_name> faults**

**Description:** Show faults

**Syntax:**

<i>session_name</i>	Session name
---------------------	--------------

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show troubleshoot session <session_name> faults
```

# show troubleshoot session latency

**show troubleshoot session <session\_name> latency**

**Description:** Show latency stats

**Syntax:**

<i>session_name</i>	Session name
---------------------	--------------

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show troubleshoot session <session_name> latency
```

# show troubleshoot session monitor

**show troubleshoot session** <session\_name> monitor

**Description:** Show monitor

**Syntax:**

<i>session_name</i>	Session name
---------------------	--------------

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show troubleshoot session <session_name> monitor
```

# show troubleshoot session reports

**show troubleshoot session** <session\_name> reports

**Description:** Show reports

**Syntax:**

<i>session_name</i>	Session name
---------------------	--------------

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show troubleshoot session <session_name> reports
```

# show troubleshoot session statistics

**show troubleshoot session** <session\_name> statistics

**Description:** Show statistics

**Syntax:**

<i>session_name</i>	Session name
---------------------	--------------

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show troubleshoot session <session_name> statistics
```

# show troubleshoot session topology

**show troubleshoot session <session\_name> topology**

**Description:** Show topology

**Syntax:**

<i>session_name</i>	Session name
---------------------	--------------

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show troubleshoot session <session_name> topology
```

# show troubleshoot session traceroute

**show troubleshoot session** <session\_name> traceroute

**Description:** Show traceroute

**Syntax:**

<i>session_name</i>	Session name
---------------------	--------------

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show troubleshoot session <session_name> traceroute
```



# show troubleshoot sessions

**show troubleshoot sessions**

**Description:** Show sessions

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show troubleshoot sessions
```

# show username

**show username <WORD>**

**Description:** Show user information

**Syntax:**

<i>WORD</i>	User name
-------------	-----------

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show username <WORD>
```

# show username detail

**show username <WORD> detail**

**Description:** Show user information

**Syntax:**

<i>WORD</i>	User name
-------------	-----------

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show username <WORD> detail
```

# show version

**show version**

**Description:** Show version information

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show version
```

# show vlan-domain

**show vlan-domain** [name <arg>] [vlan] [leaf <arg>] [detail]

**Description:** Show command for vlan-domain

**Syntax:**

<i>arg</i>	(Optional) Vlan-domain name
<vlan-range>	(Optional) VLAN ID 1-4094 or range(s): 1-5, 10 or 2-5,7-19
<i>arg</i>	(Optional) Leaf id. Number range from=101 to=4000
detail	(Optional) vlan-domain in detail with concrete MOs

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show vlan-domain [name <>] [vlan] [leaf <>] [detail]
```

# show vmware domain

**show vmware domain**

**Description:** Show VMware domain information

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show vmware domain
```

# show vmware domain name

**show vmware domain name** <name>

**Description:** VMware domain name

**Syntax:**

<name>	VMware domain name
--------	--------------------

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show vmware domain name <name>
```

# show vmware domain name epg

**show vmware domain name <name> epg**

**Description:** Show VMware domain EPG details

**Syntax:**

<name>	VMware domain name
--------	--------------------

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show vmware domain name <name> epg
```



# show vmware domain name esx

**show vmware domain name <name> esx <esx-ip>**

**Description:** Show VMware ESX information

**Syntax:**

<i>&lt;name&gt;</i>	VMware domain name
<i>&lt;esx-ip&gt;</i>	ESX IP

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show vmware domain name <name> esx <esx-ip>
```

# show vmware domain name port-group

**show vmware domain name <name> port-group**

**Description:** Show VMware port group information

**Syntax:**

<name>	VMware domain name
--------	--------------------

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show vmware domain name <name> port-group
```

# show vmware domain name trunk-portgroup

**show vmware domain name** <name> trunk-portgroup [name <name>]

**Description:** Show VMware domain trunk portgroup details

**Syntax:**

<name>	VMware domain name
<name>	(Optional) trunk portgroup name

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show vmware domain name <name> trunk-portgroup [name <name>]
```

# show vmware domain name vcenter

**show vmware domain name** <name> vcenter <hostname|ip>

**Description:** VMware vCenter ip or hostname

**Syntax:**

<name>	VMware domain name
<hostname ip>	vCenter hostname or IP

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show vmware domain name <name> vcenter <hostname|ip>
```

# show vmware domain name vm

**show vmware domain name <name> vm**

**Description:** Show VMware VM information

**Syntax:**

<i>&lt;name&gt;</i>	VMware domain name
---------------------	--------------------

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show vmware domain name <name> vm
```

# show vmware domain name vm name

**show vmware domain name** <name> vm name <vm-name>

**Description:** Show detailed VMware VM information

**Syntax:**

<name>	VMware domain name
<vm-name>	VM Name

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show vmware domain name <name> vm name <vm-name>
```

# show vmware vm

**show vmware vm** [*name* <WORD>] [*ip* <A.B.C.D>] [*mac* <E.E.E EE-EE-EE-EE-EE-EE EE:EE:EE:EE:EE:EE  
EEEE.EEEE.EEEE >]

**Description:** Show VMware VM information

**Syntax:**

<i>WORD</i>	(Optional) Specify a VM name
<i>A.B.C.D</i>	(Optional) IP address in format i.i.i.i
<i>E.E.E EE-EE-EE-EE-EE-EE EE:EE:EE:EE:EE:EE EEEE.EEEE.EEEE</i>	(Optional) MAC address (Option 1) MAC address (Option 2) MAC address (Option 3) MAC address (Option 4)

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show vmware vm [name <WORD>] [ip <A.B.C.D>] [mac <E.E.E EE-EE-EE-EE-EE-EE EE:EE:EE:EE:EE:EE  
EEEE.EEEE.EEEE >]
```

# show vpc

**show vpc map <vpc-list>**

**Description:** Show vpc mapping

**Syntax:**

map	Map by name
<vpc-list>	vpc names

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show vpc map <vpc-list>
```



# show vpc map leaf

**show vpc map <vpc-list> leaf WORD [fex <NUMBER>]**

**Description:** Leaf

**Syntax:**

map	Map by name
<vpc-list>	vpc names
WORD	Leaf Range or Leaf Name List
<101-199>	(Optional) Fex ID. Number range from=101 to=199

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show vpc map <vpc-list> leaf WORD [fex <NUMBER>]
```

# show vrf

**show vrf WORD**

**Description:** Show VRF Information

**Syntax:**

<i>WORD</i>	Name of the VRF to filter on (Max Size 64)
-------------	--

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show vrf WORD
```

# show vrf detail

**show vrf WORD detail**

**Description:** Show detailed view of VRF

**Syntax:**

<i>WORD</i>	Name of the VRF to filter on (Max Size 64)
-------------	--

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show vrf WORD detail
```

# show vsan-domain

**show vsan-domain** [name <arg>] [detail]

**Description:** Show command for vsan-domain

**Syntax:**

<i>arg</i>	(Optional) Vsan-domain name
detail	(Optional) Vsan-domain detailed information

**Command Mode:** exec : Exec Mode

**Command Path:**

```
# show vsan-domain [name <>] [detail]
```

# shut

## shut

**Description:** Disable BFD

**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)# shut
```

## shut

**Description:** Disable BFD

**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)# shut
```

## shut

**Description:** Disable monitor session

**Command Mode:** monitor virtual : Configure monitor session for virtual switches

**Command Path:**

```
# configure [['terminal', 't']]
(config)# monitor virtual session <WORD>
(config-monitor-virtual)# shut
```

# shutdown

## shutdown

**Description:** Administrative state of the Policer

**Command Mode:** policy-map type data-plane : Create a policymap of DataPlane type to police/reclassify the traffic

**Command Path:**

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

## shutdown

**Description:** Disable the class of service specified

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

**Command Path:**

```
# configure [['terminal', 't']]
(config)# qos parameters <WORD>
(config-qos)# shutdown
```

## shutdown

**Description:** Set admin state to disabled

**Command Mode:** switchport port-authentication : Port authentication configuration

**Command Path:**

```
# configure [['terminal', 't']]
(config)# template policy-group <WORD>
(config-pol-grp-if)# switchport port-authentication <WORD>
(config-port-authentication)# shutdown
```

## shutdown

**Description:** Shutdown AEPg

**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)# shutdown
```

**shutdown**

**Description:** Administrative state of the Policer

**Command Mode:** policy-map type data-plane : data-plane policy type

**Command Path:**

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

**shutdown**

**Description:** dscp-map toggling

**Command Mode:** qos : Set DSCP Class translation values

**Command Path:**

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# qos dscp-map <WORD>
(config-qos-cmap)# shutdown
```

**shutdown**

**Description:** Disable Interface

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

**Command Path:**

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

**shutdown**

**Description:** Disable Port Channel

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

**Command Path:**

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

**shutdown**

**Description:** Disable Interface

**Command Mode:** interface vfc : Virtual Fiber Channel interface

**Command Path:**

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface vfc <ifRange>
(config-leaf-if)# shutdown
```

### shutdown

**Description:** Disable Interface

**Command Mode:** interface vfc-po : VFC Port Channel interface

**Command Path:**

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface vfc-po <WORD> [fex <fex>]
(config-leaf-if)# shutdown
```

### shutdown

**Description:** Disable Interface

**Command Mode:** interface fc : FC Interface

**Command Path:**

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface fc <ifRange>
(config-leaf-fc-if)# shutdown
```

### shutdown

**Description:** Disable FC Port Channel

**Command Mode:** interface fc-port-channel : FC Port Channel

**Command Path:**

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface fc-port-channel <WORD>
(config-leaf-fc-pc)# shutdown
```

### shutdown

**Description:** Disable Interface

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

**Command Path:**



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

### shutdown

**Description:** Disable Port Channel

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

**Command Path:**

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

### shutdown

**Description:** Disable Interface

**Command Mode:** interface vfc : Virtual Fiber Channel interface

**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface vfc <ifRange>
(config-leaf-if)# shutdown
```

### shutdown

**Description:** Disable Interface

**Command Mode:** interface vfc-po : VFC Port Channel interface

**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface vfc-po <WORD> [fex <fex>]
(config-leaf-if)# shutdown
```

### shutdown

**Description:** Disable Interface

**Command Mode:** interface fc : FC Interface

**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface fc <ifRange>
```

```
(config-leaf-fc-if)# shutdown
```

### shutdown

**Description:** Disable FC Port Channel

**Command Mode:** interface fc-port-channel : FC Port Channel

**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface fc-port-channel <WORD>
(config-leaf-fc-pc)# shutdown
```

### shutdown

**Description:** Disable interface

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

**Command Path:**

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

### shutdown

**Description:** Disable monitor session

**Command Mode:** monitor access : Configue monitor session for access interfaces

**Command Path:**

```
# configure [['terminal', 't']]
(config)# monitor access session <session_name>
(config-monitor-access)# shutdown
```

### shutdown

**Description:** Disable monitor session

**Command Mode:** monitor fabric : Configue monitor session for fabric interfaces

**Command Path:**

```
# configure [['terminal', 't']]
(config)# monitor fabric session <session_name>
(config-monitor-fabric)# shutdown
```

**shutdown**

**Description:** Disable monitor session

**Command Mode:** monitor tenant : Configure monitor session for tenant EPGs

**Command Path:**

```
# configure [['terminal', 't']]
(config)# monitor tenant <tenant_name> session <WORD>
(config-monitor-tenant)# shutdown
```

# site-id

## site-id <WORD>

**Description:** ID of the network where the site is deployed

### Syntax:

<i>WORD</i>	The site id (Max Size 512) surrounded by quotes
-------------	---

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

### Command Path:

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

## site-id <WORD>

**Description:** ID of the network where the site is deployed

### Syntax:

<i>WORD</i>	The site id (Max Size 512) surrounded by quotes
-------------	---

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

### Command Path:

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

# sla-detectmultiplier

**sla-detectmultiplier** <NUMBER>

**Description:** Configure SLA Multiplier for IPSLA Monitoring Policy

**Syntax:**

<1-99>	Configure Detect Multiplier for IPSLA Monitoring Policy. Number range from=1 to=99
--------	--

**Command Mode:** ipsla-pol : Configure IPSLA Monitoring Policy

**Command Path:**

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# ipsla-pol <WORD>
(config-ipsla-pol)# sla-detectmultiplier <NUMBER>
```

# sla-frequency

**sla-frequency** <NUMBER>

**Description:** Configure SLA frequency for IPSLA Monitoring Policy

**Syntax:**

<1-299>	Configure SLA frequency for IPSLA Monitoring Policy. Number range from=1 to=299
---------	---

**Command Mode:** ipsla-pol : Configure IPSLA Monitoring Policy

**Command Path:**

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# ipsla-pol <WORD>
(config-ipsla-pol)# sla-frequency <NUMBER>
```

# sla-port

**sla-port** <NUMBER>

**Description:** Configure SLA Port Number for IPSLA Monitoring Policy

**Syntax:**

<0-65535>	Configure SLA Port Number for IPSLA Monitoring Policy. Number range from=0 to=65535
-----------	---

**Command Mode:** sla-type : Configure SLA Type for IPSLA Monitoring Policy, example 'sla-type tcp' or 'sla-type imcp'

**Command Path:**

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# ipsla-pol <WORD>
(config-ipsla-pol)# sla-type <WORD>
(config-sla-type)# sla-port <NUMBER>
```

# sla-type

**sla-type** <WORD>

**Description:** Configure SLA Type for IPSLA Monitoring Policy, example 'sla-type tcp' or 'sla-type imcp'

**Syntax:**

<i>WORD</i>	Configure SLA Type for IPSLA Monitoring Policy (Max Size None)
-------------	--

**Command Mode:** ipsla-pol : Configure IPSLA Monitoring Policy

**Command Path:**

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# ipsla-pol <WORD>
(config-ipsla-pol)# sla-type <WORD>
```



# slot

**slot <card>**

**Description:** Specify Slot Number

**Syntax:**

<i>card</i>	Slot Number. Number range from=1 to=64
-------------	--

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

**Command Path:**

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

**slot <card>**

**Description:** Specify Slot Number

**Syntax:**

<i>card</i>	Slot Number. Number range from=1 to=64
-------------	--

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

**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# slot <card>
```

## slow-drain congestion-timeout action

### slow-drain congestion-timeout action err-disable|log

**Description:** Configure congestion action

**Syntax:**

err-disable	Error disable
log	Syslog

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

**Command Path:**

```
# configure [['terminal', 't']]
(config)# template policy-group <WORD>
(config-pol-grp-if)# slow-drain congestion-timeout action err-disable|log
```

### slow-drain congestion-timeout action err-disable|log

**Description:** Configure congestion action

**Syntax:**

err-disable	Error disable
log	Syslog

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

**Command Path:**

```
# configure [['terminal', 't']]
(config)# template port-channel <WORD>
(config-po-ch-if)# slow-drain congestion-timeout action err-disable|log
```

### slow-drain congestion-timeout action err-disable|log

**Description:** Configure congestion action

**Syntax:**

err-disable	Error disable
log	Syslog

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

**Command Path:**

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

```
(config)# leaf <101-4000>
(config-leaf)# interface ethernet <ifRange>
(config-leaf-if)# slow-drain congestion-timeout action err-disable|log
```

### slow-drain congestion-timeout action err-disable|log

**Description:** Configure congestion action

**Syntax:**

err-disable	Error disable
log	Syslog

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

**Command Path:**

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface port-channel <WORD> [fex <fex>]
(config-leaf-if)# slow-drain congestion-timeout action err-disable|log
```

### slow-drain congestion-timeout action err-disable|log

**Description:** Configure congestion action

**Syntax:**

err-disable	Error disable
log	Syslog

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

**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface ethernet <ifRange>
(config-leaf-if)# slow-drain congestion-timeout action err-disable|log
```

### slow-drain congestion-timeout action err-disable|log

**Description:** Configure congestion action

**Syntax:**

err-disable	Error disable
log	Syslog

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

**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface port-channel <WORD> [fex <fex>]
(config-leaf-if)# slow-drain congestion-timeout action err-disable|log
```

### slow-drain congestion-timeout action err-disable|log

**Description:** Configure congestion action

**Syntax:**

err-disable	Error disable
log	Syslog

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

**Command Path:**

```
# configure [['terminal', 't']]
(config)# vpc context leaf <101-4000> <101-4000> [fex <fex>]
(config-vpc)# interface vpc <WORD> [fex <fex>]
(config-vpc-if)# slow-drain congestion-timeout action err-disable|log
```

# slow-drain congestion-timeout count

## slow-drain congestion-timeout count <NUMBER>

**Description:** Configure number of pause frames per second

**Syntax:**

<i>&lt;range&gt;</i>	Configure number of pause frames per second. Number range from=1 to=10000
----------------------	---

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

**Command Path:**

```
# configure [['terminal', 't']]
(config)# template policy-group <WORD>
(config-pol-grp-if)# slow-drain congestion-timeout count <NUMBER>
```

## slow-drain congestion-timeout count <NUMBER>

**Description:** Configure number of pause frames per second

**Syntax:**

<i>&lt;range&gt;</i>	Configure number of pause frames per second. Number range from=1 to=10000
----------------------	---

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

**Command Path:**

```
# configure [['terminal', 't']]
(config)# template port-channel <WORD>
(config-po-ch-if)# slow-drain congestion-timeout count <NUMBER>
```

## slow-drain congestion-timeout count <NUMBER>

**Description:** Configure number of pause frames per second

**Syntax:**

<i>&lt;range&gt;</i>	Configure number of pause frames per second. Number range from=1 to=10000
----------------------	---

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

**Command Path:**

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

```
(config-leaf-if)# slow-drain congestion-timeout count <NUMBER>
```

### slow-drain congestion-timeout count <NUMBER>

**Description:** Configure number of pause frames per second

**Syntax:**

<range>	Configure number of pause frames per second. Number range from=1 to=10000
---------	---

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

**Command Path:**

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface port-channel <WORD> [fex <fex>]
(config-leaf-if)# slow-drain congestion-timeout count <NUMBER>
```

### slow-drain congestion-timeout count <NUMBER>

**Description:** Configure number of pause frames per second

**Syntax:**

<range>	Configure number of pause frames per second. Number range from=1 to=10000
---------	---

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

**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface ethernet <ifRange>
(config-leaf-if)# slow-drain congestion-timeout count <NUMBER>
```

### slow-drain congestion-timeout count <NUMBER>

**Description:** Configure number of pause frames per second

**Syntax:**

<range>	Configure number of pause frames per second. Number range from=1 to=10000
---------	---

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

**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface port-channel <WORD> [fex <fex>]
```

```
(config-leaf-if)# slow-drain congestion-timeout count <NUMBER>
```

**slow-drain congestion-timeout count <NUMBER>**

**Description:** Configure number of pause frames per second

**Syntax:**

<i>&lt;range&gt;</i>	Configure number of pause frames per second. Number range from=1 to=10000
----------------------	---

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

**Command Path:**

```
# configure [['terminal', 't']]
(config)# vpc context leaf <101-4000> <101-4000> [fex <fex>]
(config-vpc)# interface vpc <WORD> [fex <fex>]
(config-vpc-if)# slow-drain congestion-timeout count <NUMBER>
```

## slow-drain pause

### slow-drain pause timeout <NUMBER>

**Description:** Configure pause frame timeout

**Syntax:**

timeout	Configure pause frame timeout
<interval>	Configure pause timeout in milliseconds. Number range from=100 to=1000

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

**Command Path:**

```
# configure [['terminal', 't']]
(config)# template policy-group <WORD>
(config-pol-grp-if)# slow-drain pause timeout <NUMBER>
```

### slow-drain pause timeout <NUMBER>

**Description:** Configure pause frame timeout

**Syntax:**

timeout	Configure pause frame timeout
<interval>	Configure pause timeout in milliseconds. Number range from=100 to=1000

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

**Command Path:**

```
# configure [['terminal', 't']]
(config)# template port-channel <WORD>
(config-po-ch-if)# slow-drain pause timeout <NUMBER>
```

### slow-drain pause timeout <NUMBER>

**Description:** Configure pause frame timeout

**Syntax:**

timeout	Configure pause frame timeout
<interval>	Configure pause timeout in milliseconds. Number range from=100 to=1000

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



**Command Path:**

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface ethernet <ifRange>
(config-leaf-if)# slow-drain pause timeout <NUMBER>
```

**slow-drain pause timeout <NUMBER>****Description:** Configure pause frame timeout**Syntax:**

timeout	Configure pause frame timeout
<interval>	Configure pause timeout in milliseconds. Number range from=100 to=1000

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

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface port-channel <WORD> [fex <fex>]
(config-leaf-if)# slow-drain pause timeout <NUMBER>
```

**slow-drain pause timeout <NUMBER>****Description:** Configure pause frame timeout**Syntax:**

timeout	Configure pause frame timeout
<interval>	Configure pause timeout in milliseconds. Number range from=100 to=1000

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

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface ethernet <ifRange>
(config-leaf-if)# slow-drain pause timeout <NUMBER>
```

**slow-drain pause timeout <NUMBER>****Description:** Configure pause frame timeout**Syntax:**

timeout	Configure pause frame timeout
---------	-------------------------------

<i>&lt;interval&gt;</i>	Configure pause timeout in milliseconds. Number range from=100 to=1000
-------------------------	--

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

**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface port-channel <WORD> [fex <fex>]
(config-leaf-if)# slow-drain pause timeout <NUMBER>
```

**slow-drain pause timeout <NUMBER>**

**Description:** Configure pause frame timeout

**Syntax:**

timeout	Configure pause frame timeout
<i>&lt;interval&gt;</i>	Configure pause timeout in milliseconds. Number range from=100 to=1000

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

**Command Path:**

```
# configure [['terminal', 't']]
(config)# vpc context leaf <101-4000> <101-4000> [fex <fex>]
(config-vpc)# interface vpc <WORD> [fex <fex>]
(config-vpc-if)# slow-drain pause timeout <NUMBER>
```

# slow-timer

**slow-timer <NUMBER>**

**Description:** Configure BFD SLOW-TIMER value in milliseconds

**Syntax:**

<i>&lt;interval&gt;</i>	BFD interval. Number range from=1000 to=30000
-------------------------	---

**Command Mode:** template bfd : BFD group of commands

**Command Path:**

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

# smartcallhome

## smartcallhome common

**Description:** Smart Callhome common policy configuration mode

**Syntax:**

common	Create a smart Callhome Policy
--------	--------------------------------

**Command Mode:** configure : Configuration Mode

**Command Path:**

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

# snapshot download

**snapshot download <WORD>**

**Description:** Configuration snapshot download setup mode

**Syntax:**

<i>WORD</i>	Snapshot downloader name
-------------	--------------------------

**Command Mode:** configure : Configuration Mode

**Command Path:**

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

# snapshot export

**snapshot export** <WORD>

**Description:** Configuration export setup mode

**Syntax:**

<i>WORD</i>	Export configuration name
-------------	---------------------------

**Command Mode:** configure : Configuration Mode

**Command Path:**

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

# snapshot import

**snapshot import** <WORD>

**Description:** Configuration import setup mode

**Syntax:**

<i>WORD</i>	Import configuration name
-------------	---------------------------

**Command Mode:** configure : Configuration Mode

**Command Path:**

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

# snapshot rollback

**snapshot rollback** <WORD>

**Description:** Configuration rollback setup mode

**Syntax:**

<i>WORD</i>	Rollback configuration name
-------------	-----------------------------

**Command Mode:** configure : Configuration Mode

**Command Path:**

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



# snapshot upload

**snapshot upload** <WORD>

**Description:** Configuration snapshot upload setup mode

**Syntax:**

<i>WORD</i>	Snapshot uploader name
-------------	------------------------

**Command Mode:** configure : Configuration Mode

**Command Path:**

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

## snmp-server clientgroup

**snmp-server clientgroup** <group-name> [management-epg <mgmt-epg>] [client <ip-address/hostname>]

**Description:** Configure SNMP client-group

**Syntax:**

<group-name>	SNMP clientgroup
<mgmt-epg>	(Optional) Management EPG (default: oob-default)
<ip-address/hostname>	(Optional) Ip-address/hostname of the snmp client

**Command Mode:** template snmp-fabric : Simple Network Management Protocol (SNMP)

**Command Path:**

```
# configure [['terminal', 't']]
(config)# template snmp-fabric <WORD>
(config-template-snmp-fabric)# snmp-server clientgroup <group-name> [management-epg
<mgmt-epg>] [client <ip-address/hostname>]
```

# snmp-server community

**snmp-server community <community-name>**

**Description:** Configure SNMP community

**Syntax:**

<i>&lt;community-name&gt;</i>	SNMP community
-------------------------------	----------------

**Command Mode:** template snmp-fabric : Simple Network Management Protocol (SNMP)

**Command Path:**

```
# configure [['terminal', 't']]
(config)# template snmp-fabric <WORD>
(config-template-snmp-fabric)# snmp-server community <community-name>
```

# snmp-server contact

**snmp-server contact <contact-name>**

**Description:** Configure SNMP contact

**Syntax:**

<i>&lt;contact-name&gt;</i>	SNMP contact name
-----------------------------	-------------------

**Command Mode:** template snmp-fabric : Simple Network Management Protocol (SNMP)

**Command Path:**

```
# configure [['terminal', 't']]
(config)# template snmp-fabric <WORD>
(config-template-snmp-fabric)# snmp-server contact <contact-name>
```

# snmp-server host

**snmp-server host** <ip-address/hostname> traps-version 1|2c|3 <community> auth|none|priv [udp-port <port>] [management-epg <mgmt-epg>]

**Description:** Configure SNMP trap host

**Syntax:**

<ip-address/hostname>	Ip-address/hostname of the snmp trap destination
traps-version	SNMP Version to use for traps
1	Use SNMPv1
2c	Use SNMPv2
3	Use SNMPv3
<community>	SNMP community/security
auth	Use Authentication Only
none	Use No Authentication
priv	Use Authentication and Encryption
<port>	(Optional) UDP port for traps (default 162)
<mgmt-epg>	(Optional) Management EPG (default: oob-default)

**Command Mode:** template snmp-fabric : Simple Network Management Protocol (SNMP)

**Command Path:**

```
# configure [['terminal', 't']]
(config)# template snmp-fabric <WORD>
(config-template-snmp-fabric)# snmp-server host <ip-address/hostname> traps-version 1|2c|3
<community> auth|none|priv [udp-port <port>] [management-epg <mgmt-epg>]
```

# snmp-server location

**snmp-server location** <location-name>

**Description:** Configure SNMP location

**Syntax:**

<location-name>	SNMP location
-----------------	---------------

**Command Mode:** template snmp-fabric : Simple Network Management Protocol (SNMP)

**Command Path:**

```
# configure [['terminal', 't']]
(config)# template snmp-fabric <WORD>
(config-template-snmp-fabric)# snmp-server location <location-name>
```

# snmp-server protocol

## snmp-server protocol enable

**Description:** Enable SNMP protocol

**Syntax:**

enable	Enable SNMP protocol
--------	----------------------

**Command Mode:** template snmp-fabric : Simple Network Management Protocol (SNMP)

**Command Path:**

```
# configure [['terminal', 't']]
(config)# template snmp-fabric <WORD>
(config-template-snmp-fabric)# snmp-server protocol enable
```

# snmp-server trap-fwd-server

**snmp-server trap-fwd-server** <server-ip> [port <port>]

**Description:** Configure SNMP Trap Forwarding Server

**Syntax:**

<i>&lt;server-ip&gt;</i>	SNMP trap-fwd-server
<i>port</i>	(Optional) SNMP server port for accounting logs. Number range from=0 to=65535

**Command Mode:** template snmp-fabric : Simple Network Management Protocol (SNMP)

**Command Path:**

```
# configure [['terminal', 't']]
(config)# template snmp-fabric <WORD>
(config-template-snmp-fabric)# snmp-server trap-fwd-server <server-ip> [port <port>]
```



## snmp-server user

**snmp-server user <user-name> auth sha|md5 priv aes|des|none**

**Description:** Configure SNMP user

**Syntax:**

<i>&lt;user-name&gt;</i>	SNMP user
auth	Authentication Type
sha	Use HMAC SHA algorithm for authentication
md5	Use HMAC MD5 algorithm for authentication
priv	Privacy Type
aes	Use 128-bit AES algorithm for privacy
des	Use 64-bit DES algorithm for privacy
none	Do not use privacy

**Command Mode:** template snmp-fabric : Simple Network Management Protocol (SNMP)

**Command Path:**

```
# configure [['terminal', 't']]
(config)# template snmp-fabric <WORD>
(config-template-snmp-fabric)# snmp-server user <user-name> auth sha|md5 priv aes|des|none
```

# source-guard-admin-status

**source-guard-admin-status enabled-both|disabled**

**Description:** Config source guard administrative status in first hop security bridge domain policy

**Syntax:**

enabled-both	Enable source guard for both IPv4 and IPv6
disabled	Disable source guard

**Command Mode:** security-policy : Configuration for security policy

**Command Path:**

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# first-hop-security
(config-tenant-fhs)# security-policy <WORD>
(config-tenant-fhs-secpol)# source-guard-admin-status enabled-both|disabled
```

# source

**source address <A.B.C.D|A::B::C:D/LEN>**

**Description:** Configure source

**Syntax:**

address	IP Address
<i>A.B.C.D A::B::C:D/LEN</i>	Source of the exporter in format x.x.x.x x::x/m. Recommended to contain room for at least 12 host bits

**Command Mode:** flow exporter : Configure Netflow Exporter

**Command Path:**

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# flow exporter <WORD> destination address <A.B.C.D or A::B::C:D> transport
udp <dstPort>
(config-tn-flow-exporter)# source address <A.B.C.D|A::B::C:D/LEN>
```

**source address <A.B.C.D|A::B::C:D/LEN>**

**Description:** Configure source

**Syntax:**

address	IP Address
<i>A.B.C.D A::B::C:D/LEN</i>	Source of the exporter in format x.x.x.x x::x/m. Recommended to contain room for at least 12 host bits

**Command Mode:** flow exporter : Configure Netflow Exporter

**Command Path:**

```
# configure [['terminal', 't']]
(config)# flow exporter <WORD> destination address <A.B.C.D or A::B::C:D> transport udp
<dstPort>
(config-flow-exporter)# source address <A.B.C.D|A::B::C:D/LEN>
```

**source address <A.B.C.D|A::B::C:D/LEN>**

**Description:** Configure source

**Syntax:**

address	IP Address
<i>A.B.C.D A::B::C:D/LEN</i>	Source of the exporter in format x.x.x.x x::x/m. Recommended to contain room for at least 12 host bits

**Command Mode:** flow vm-exporter : Configure NetFlow Exporter for VM Networking

**Command Path:**

```
# configure [['terminal', 't']]
(config)# flow vm-exporter <WORD> destination address <A.B.C.D or A:B::C:D> transport udp
<dstPort>
(config-flow-vm-exporter)# source address <A.B.C.D|A:B::C:D/LEN>
```

**source tenant <WORD> application <WORD> epg <WORD> [mac <E.E.E EE-EE-EE-EE-EE-EE EE:EE:EE:EE:EE:EE  
EEEE.EEEE.EEEE >]**

**Description:** Configure monitor virtual source

**Syntax:**

tenant	tenant
<i>WORD</i>	tenant name (Max Size 63)
application	application
<i>WORD</i>	application name (Max Size 64)
epg	epg
<i>WORD</i>	epg name (Max Size 64)
<i>E.E.E EE-EE-EE-EE-EE-EE EE:EE:EE:EE:EE:EE EEEE.EEEE.EEEE</i>	(Optional) MAC address (Option 1) MAC address (Option 2) MAC address (Option 3) MAC address (Option 4)

**Command Mode:** monitor virtual : Configure monitor session for virtual switches

**Command Path:**

```
# configure [['terminal', 't']]
(config)# monitor virtual session <WORD>
(config-monitor-virtual)# source tenant <WORD> application <WORD> epg <WORD> [mac <E.E.E  
EE-EE-EE-EE-EE-EE EE:EE:EE:EE:EE:EE EEEE.EEEE.EEEE >]
```

# source application

**source application <application\_name> epg <epg\_name>**

**Description:** Configure EPG as monitor source

**Syntax:**

<i>application_name</i>	application name (Max Size 64)
epg	epg
<i>epg_name</i>	epg name (Max Size 64)

**Command Mode:** monitor tenant : Configue monitor session for tenant EPGs

**Command Path:**

```
# configure [['terminal', 't']]
(config)# monitor tenant <tenant_name> session <WORD>
(config-monitor-tenant)# source application <application_name> epg <epg_name>
```

## source interface ethernet

**source interface ethernet <ethernet> leaf <leaf Id>**

**Description:** Configure monitor for ethernet access interfaces

**Syntax:**

<ethernet>	List of ethernet itfs
leaf	leaf
<leaf Id>	leaf Id

**Command Mode:** monitor access : Configue monitor session for access interfaces

**Command Path:**

```
# configure [['terminal', 't']]
(config)# monitor access session <session_name>
(config-monitor-access)# source interface ethernet <ethernet> leaf <leaf Id>
```

**source interface ethernet <ethernet> switch <switch Id>**

**Description:** Configure monitor for ethernet fabric interfaces

**Syntax:**

<ethernet>	ethernet interface range
switch	switch
<switch Id>	switch Id

**Command Mode:** monitor fabric : Configue monitor session for fabric interfaces

**Command Path:**

```
# configure [['terminal', 't']]
(config)# monitor fabric session <session_name>
(config-monitor-fabric)# source interface ethernet <ethernet> switch <switch Id>
```

# source interface port-channel

**source interface port-channel** <port-channel list> leaf <leaf Id> [fex <fex Id>]

**Description:** Configure monitor for port-channel interfaces

**Syntax:**

<port-channel list>	<port-channel list>
leaf	leaf
<leaf Id>	leaf Id
<fex Id>	(Optional) fex Id

**Command Mode:** monitor access : Configure monitor session for access interfaces

**Command Path:**

```
# configure [['terminal', 't']]
(config)# monitor access session <session_name>
(config-monitor-access)# source interface port-channel <port-channel list> leaf <leaf Id>
[fex <fex Id>]
```

## source interface vpc

**source interface vpc** <vpc list> leaf <leaf Id1> <leaf Id2> [fex <fex Ids>]

**Description:** Configure monitor for VPC interfaces

**Syntax:**

<vpc list>	<vpc list>
leaf	leaf
<leaf Id1>	leaf Id1
<leaf Id2>	leaf Id2
<fex Ids>	(Optional) paired fex Ids

**Command Mode:** monitor access : Configure monitor session for access interfaces

**Command Path:**

```
# configure [['terminal', 't']]
(config)# monitor access session <session_name>
(config-monitor-access)# source interface vpc <vpc list> leaf <leaf Id1> <leaf Id2> [fex
<fex Ids>]
```



# spanning-tree

## spanning-tree mst configuration

**Description:** STP MST configuration mode

**Syntax:**

mst	Multiple spanning tree
configuration	Configure multiple spanning tree protocol

**Command Mode:** configure : Configuration Mode

**Command Path:**

```
# configure [['terminal', 't']]
(config)# spanning-tree mst configuration
```

## spanning-tree

**Description:** Add spanning tree

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

**Command Path:**

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

## spanning-tree bpd-filter|bpd-guard <enable|disable>

**Description:** Enable or Disable BPDU filter/guard

**Syntax:**

bpd-filter	Don't send or receive BPDUs on this interface
bpd-guard	Don't accept BPDUs on this interface
<enable/disable>	enable/disable BPDU filter/guard

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

**Command Path:**

```
# configure [['terminal', 't']]
(config)# template policy-group <WORD>
(config-pol-grp-if)# spanning-tree bpd-filter|bpd-guard <enable|disable>
```

**spanning-tree bpdu-filter|bpdu-guard <enable|disable>****Description:** Enable BPDU filter/guard**Syntax:**

bpdu-filter	Don't send or receive BPDUs on this interface
bpdu-guard	Don't accept BPDUs on this interface
<enable/disable>	enable/disable BPDU filter/guard

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

```
# configure [['terminal', 't']]
(config)# template port-channel <WORD>
(config-po-ch-if)# spanning-tree bpdu-filter|bpdu-guard <enable|disable>
```

**spanning-tree bpdu-filter|bpdu-guard <enable|disable>****Description:** Enable or disable BPDU filter/guard**Syntax:**

bpdu-filter	Don't send or receive BPDUs on this interface
bpdu-guard	Don't accept BPDUs on this interface
<enable/disable>	enable/disable BPDU filter/guard

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

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface ethernet <ifRange>
(config-leaf-if)# spanning-tree bpdu-filter|bpdu-guard <enable|disable>
```

**spanning-tree bpdu-filter|bpdu-guard <enable|disable>****Description:** Enable BPDU filter/guard**Syntax:**

bpdu-filter	Don't send or receive BPDUs on this interface
bpdu-guard	Don't accept BPDUs on this interface
<enable/disable>	enable/disable BPDU filter/guard

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

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface port-channel <WORD> [fex <fex>]
(config-leaf-if)# spanning-tree bpdu-filter|bpdu-guard <enable|disable>
```

### spanning-tree bpdu-filter|bpdu-guard <enable|disable>

**Description:** Enable or disable BPDU filter/guard

**Syntax:**

bpdu-filter	Don't send or receive BPDUs on this interface
bpdu-guard	Don't accept BPDUs on this interface
<enable/disable>	enable/disable BPDU filter/guard

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

**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface ethernet <ifRange>
(config-leaf-if)# spanning-tree bpdu-filter|bpdu-guard <enable|disable>
```

### spanning-tree bpdu-filter|bpdu-guard <enable|disable>

**Description:** Enable BPDU filter/guard

**Syntax:**

bpdu-filter	Don't send or receive BPDUs on this interface
bpdu-guard	Don't accept BPDUs on this interface
<enable/disable>	enable/disable BPDU filter/guard

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

**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface port-channel <WORD> [fex <fex>]
(config-leaf-if)# spanning-tree bpdu-filter|bpdu-guard <enable|disable>
```

### spanning-tree bpdu-filter|bpdu-guard <enable|disable>

**Description:** Spanning Tree Subsystem

**Syntax:**

bpdu-filter	Don't send or receive BPDUs on this interface
-------------	---

bpdu-guard	Don't accept BPDUs on this interface
<enable/disable>	enable/disable BPDU filter/guard

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

**Command Path:**

```
# configure [['terminal', 't']]
(config)# vpc context leaf <101-4000> <101-4000> [fex <fex>]
(config-vpc)# interface vpc <WORD> [fex <fex>]
(config-vpc-if)# spanning-tree bpdu-filter|bpdu-guard <enable|disable>
```

# spanning-tree bpdu-filter

## spanning-tree bpdu-filter enable|disable|default

**Description:** Configure BPDU filter override on AVS uplink ports

**Syntax:**

enable	Enable BPDU filter
disable	Disable BPDU filter
default	Remove BPDU filter/guard override policy

**Command Mode:** configure-avs : Configure a VMWare Domain as AVS (N1K) type

**Command Path:**

```
# configure [['terminal', 't']]
(config)# vmware-domain <WORD> [delimiter <WORD>] [access-mode <access-mode>]
(config-vmware)# configure-avs
(config-vmware-avs)# spanning-tree bpdu-filter enable|disable|default
```

## spanning-tree bpdu-filter enable|disable|default

**Description:** Configure BPDU filter override on AVS uplink ports

**Syntax:**

enable	Enable BPDU filter
disable	Disable BPDU filter
default	Remove BPDU filter/guard override policy

**Command Mode:** configure-ave : Configure a Cisco AVE domain

**Command Path:**

```
# configure [['terminal', 't']]
(config)# vmware-domain <WORD> [delimiter <WORD>] [access-mode <access-mode>]
(config-vmware)# configure-ave
(config-vmware-ave)# spanning-tree bpdu-filter enable|disable|default
```

## spanning-tree bpdu-guard

### spanning-tree bpdu-guard enable|disable|default

**Description:** Configure BPDU guard override on AVS uplink ports

**Syntax:**

enable	Enable BPDU guard
disable	Disable BPDU guard
default	Remove BPDU filter/guard override policy

**Command Mode:** configure-avs : Configure a VMWare Domain as AVS (N1K) type

**Command Path:**

```
# configure [['terminal', 't']]
(config)# vmware-domain <WORD> [delimiter <WORD>] [access-mode <access-mode>]
(config-vmware)# configure-avs
(config-vmware-avs)# spanning-tree bpdu-guard enable|disable|default
```

### spanning-tree bpdu-guard enable|disable|default

**Description:** Configure BPDU guard override on AVS uplink ports

**Syntax:**

enable	Enable BPDU guard
disable	Disable BPDU guard
default	Remove BPDU filter/guard override policy

**Command Mode:** configure-ave : Configure a Cisco AVE domain

**Command Path:**

```
# configure [['terminal', 't']]
(config)# vmware-domain <WORD> [delimiter <WORD>] [access-mode <access-mode>]
(config-vmware)# configure-ave
(config-vmware-ave)# spanning-tree bpdu-guard enable|disable|default
```

# speed

## speed <interfaceSpeed>

**Description:** Configure Interface Speed

**Syntax:**

<interfaceSpeed>	Interface Speed Policy
------------------	------------------------

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

**Command Path:**

```
# configure [['terminal', 't']]
(config)# template policy-group <WORD>
(config-pol-grp-if)# speed <interfaceSpeed>
```

## speed <portChannelSpeed>

**Description:** Configure Interface Speed

**Syntax:**

<portChannelSpeed>	Port-Channel Speed Policy
--------------------	---------------------------

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

**Command Path:**

```
# configure [['terminal', 't']]
(config)# template port-channel <WORD>
(config-po-ch-if)# speed <portChannelSpeed>
```

## speed <interfaceSpeed>

**Description:** Configure Interface Speed

**Syntax:**

<interfaceSpeed>	Interface Speed Policy
------------------	------------------------

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

**Command Path:**

```
# configure [['terminal', 't']]
(config)# template spine-interface-policy-group <WORD>
(config-spine-if-pol-grp)# speed <interfaceSpeed>
```

**speed <interfaceSpeed>****Description:** Configure Interface Speed**Syntax:**

<i>&lt;interfaceSpeed&gt;</i>	Interface Speed Policy
-------------------------------	------------------------

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

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface ethernet <ifRange>
(config-leaf-if)# speed <interfaceSpeed>
```

**speed <speed>****Description:** Configure Interface Speed**Syntax:**

<i>&lt;speed&gt;</i>	Speed Value
----------------------	-------------

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

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

**speed <interfaceSpeed>****Description:** Configure Interface Speed**Syntax:**

<i>&lt;interfaceSpeed&gt;</i>	Interface Speed Policy
-------------------------------	------------------------

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

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface ethernet <ifRange>
(config-leaf-if)# speed <interfaceSpeed>
```

**speed <speed>****Description:** Configure Interface Speed**Syntax:**



<i>&lt;speed&gt;</i>	Speed Value
----------------------	-------------

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

**Command Path:**

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

**speed <speed>**

**Description:** Configure Interface Speed

**Syntax:**

<i>&lt;speed&gt;</i>	Interface Speed Policy
----------------------	------------------------

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

**Command Path:**

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

# spf-interval

**spf-interval level-1 <NUMBER> <50-120000> <50-120000>**

**Description:** Set the ISIS SPF maximal wait interval

**Syntax:**

level-1	Level 1
<50-120000>	SPF maximum wait interval. Number range from=50 to=120000
<50-120000> <50-120000>	Initial and secondary wait intervals (both values are required)

**Command Mode:** isis : Intermediate System to Intermediate System (IS-IS)

**Command Path:**

```
# configure [['terminal', 't']]
(config)# pod <NUMBER>
(config-pod)# isis fabric
(config-pod-isis)# spf-interval level-1 <NUMBER> <50-120000> <50-120000>
```

**spf-interval level-1 <NUMBER> <50-120000> <50-120000>**

**Description:** Set the ISIS SPF maximal wait interval

**Syntax:**

level-1	Level 1
<50-120000>	SPF maximum wait interval. Number range from=50 to=120000
<50-120000> <50-120000>	Initial and secondary wait intervals (both values are required)

**Command Mode:** template isis-fabric : InterSystem-InterSystem Protocol (IS-IS)

**Command Path:**

```
# configure [['terminal', 't']]
(config)# template isis-fabric <WORD>
(config-template-isis-fabric)# spf-interval level-1 <NUMBER> <50-120000> <50-120000>
```

# spine-group

## spine-group <WORD>

**Description:** Configure Spine Group

**Syntax:**

<i>WORD</i>	Spine Group name (Max Size 64)
-------------	--------------------------------

**Command Mode:** spine-profile : Configure Spine Profile

**Command Path:**

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

## spine-group <WORD>

**Description:** Configure Spine Group

**Syntax:**

<i>WORD</i>	Spine Group name (Max Size 64)
-------------	--------------------------------

**Command Mode:** spine-profile : Configure Spine Profile

**Command Path:**

```
# configure [['terminal', 't']]
(config)# fabric-internal
(config-fabric-internal)# spine-profile <WORD>
(config-spine-profile)# spine-group <WORD>
```

# spine-interface-group

## spine-interface-group <WORD>

**Description:** Configure Spine Interface Group

**Syntax:**

<i>WORD</i>	Spine Interface Group name (Max Size 64)
-------------	--

**Command Mode:** spine-interface-profile : Create Spine Interface Profile

**Command Path:**

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

## spine-interface-group <WORD>

**Description:** Configure Spine Interface Group

**Syntax:**

<i>WORD</i>	Spine Interface Group name (Max Size 64)
-------------	--

**Command Mode:** spine-interface-profile : Create Spine Interface Profile

**Command Path:**

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

# spine-interface-policy-group

## spine-interface-policy-group <WORD>

**Description:** Associate an Interface Policy Group to this Interface Group

**Syntax:**

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

**Command Mode:** spine-interface-group : Configure Spine Interface Group

**Command Path:**

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

## spine-interface-policy-group <WORD>

**Description:** Associate an Interface Policy Group to this Interface Group

**Syntax:**

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

**Command Mode:** spine-interface-group : Configure Spine Interface Group

**Command Path:**

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

## spine-interface-policy-group <WORD> [force]

**Description:** Configure Spine Interface Policy Group

**Syntax:**

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

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

**Command Path:**

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

```
(config)# leaf <101-4000>
(config-leaf)# interface ethernet <ifRange>
(config-leaf-if)# spine-interface-policy-group <WORD> [force]
```

### spine-interface-policy-group <WORD> [force]

**Description:** Configure Spine Interface Policy Group

#### Syntax:

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

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

#### Command Path:

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

# spine-interface-profile

## spine-interface-profile <WORD>

**Description:** Attach Spine Interface Profile to the Spine Profile

**Syntax:**

<i>WORD</i>	Spine Interface Profile name (Max Size 64)
-------------	--

**Command Mode:** spine-profile : Configure Spine Profile

**Command Path:**

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

## spine-interface-profile <WORD>

**Description:** Create Spine Interface Profile

**Syntax:**

<i>WORD</i>	Spine Interface Profile name (Max Size 64)
-------------	--

**Command Mode:** configure : Configuration Mode

**Command Path:**

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

## spine-interface-profile <WORD>

**Description:** Create Spine Interface Profile

**Syntax:**

<i>WORD</i>	Spine Interface Profile name (Max Size 64)
-------------	--

**Command Mode:** fabric-internal : Fabric Policy Configuration for internal ports

**Command Path:**

```
# configure [['terminal', 't']]
(config)# fabric-internal
(config-fabric-internal)# spine-interface-profile <WORD>
```

## spine-interface-profile <WORD>

**Description:** Attach Spine Interface Profile to the Spine Profile

**Syntax:**

<i>WORD</i>	Spine Interface Profile name (Max Size 64)
-------------	--

**Command Mode:** spine-profile : Configure Spine Profile

**Command Path:**

```
# configure [['terminal', 't']]
(config)# fabric-internal
(config-fabric-internal)# spine-profile <WORD>
(config-spine-profile)# spine-interface-profile <WORD>
```



# spine-policy-group

## spine-policy-group <WORD>

**Description:** Configure spine policy group

**Syntax:**

<i>WORD</i>	spine policy name (Max Size 64)
-------------	---------------------------------

**Command Mode:** spine-group : Configure Spine Group

**Command Path:**

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

## spine-policy-group <WORD>

**Description:** Configure spine policy group

**Syntax:**

<i>WORD</i>	spine policy name (Max Size 64)
-------------	---------------------------------

**Command Mode:** spine-group : Configure Spine Group

**Command Path:**

```
# configure [['terminal', 't']]
(config)# fabric-internal
(config-fabric-internal)# spine-profile <WORD>
(config-spine-profile)# spine-group <WORD>
(config-spine-group)# spine-policy-group <WORD>
```

# spine-profile

## spine-profile <WORD>

**Description:** Configure Spine Profile

**Syntax:**

<i>WORD</i>	Spine Profile name (Max Size 64)
-------------	----------------------------------

**Command Mode:** configure : Configuration Mode

**Command Path:**

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

## spine-profile <WORD>

**Description:** Configure Spine Profile

**Syntax:**

<i>WORD</i>	Spine Profile name (Max Size 64)
-------------	----------------------------------

**Command Mode:** fabric-internal : Fabric Policy Configuration for internal ports

**Command Path:**

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

# spine

## spine <101-4000>

**Description:** Provide a Range of Nodes

**Syntax:**

<101-4000>	Spine Range or Spine Name List
------------	--------------------------------

**Command Mode:** spine-group : Configure Spine Group

**Command Path:**

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

## spine <101-4000>

**Description:** Provide a Range of Nodes

**Syntax:**

<101-4000>	Spine Range or Spine Name List
------------	--------------------------------

**Command Mode:** spine-group : Configure Spine Group

**Command Path:**

```
# configure [['terminal', 't']]
(config)# fabric-internal
(config-fabric-internal)# spine-profile <WORD>
(config-spine-profile)# spine-group <WORD>
(config-spine-group)# spine <101-4000>
```

## spine <101-4000>

**Description:** Configure Spine Node

**Syntax:**

<101-4000>	Spine Range or Spine Name List
------------	--------------------------------

**Command Mode:** configure : Configuration Mode

**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
```

# ssh-ciphers

**ssh-ciphers** <sshCiphers>

**Description:** Set the SSH ciphers (comma separated values)

**Syntax:**

<i>sshCiphers</i>	SSH Ciphers as comma separated values like val1,val2,..valN
-------------------	---

**Command Mode:** ssh-service : SSH communication policy group

**Command Path:**

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

# ssh-key

**ssh-key <WORD>**

**Description:** Update ssh key for the user for ssh authentication

**Syntax:**

<i>WORD</i>	A name for SSH key (Max Size 64)
-------------	----------------------------------

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

**Command Path:**

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

# ssh-macs

**ssh-macs** <sshMacs>

**Description:** Set the SSH macs (comma separated values)

**Syntax:**

<i>sshMacs</i>	SSH Macs as comma separated values like val1,val2,..valN
----------------	--

**Command Mode:** ssh-service : SSH communication policy group

**Command Path:**

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

# ssh-service

## ssh-service

**Description:** SSH communication policy group

**Command Mode:** comm-policy : Configure any communication policy, ssh/telnet/shellinabox/http/https

### Command Path:

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

# ssl-protocols

**ssl-protocols <sslProtocols>**

**Description:** Set the SSL protocol (comma separated values)

**Syntax:**

<i>sslProtocols</i>	SSL Protocols as comma separated values like val1,val2,..valN
---------------------	---

**Command Mode:** https : HTTPS communication policy group

**Command Path:**

```
# configure [['terminal', 't']]
(config)# comm-policy <WORD>
(config-comm-policy)# https
(config-https)# ssl-protocols <sslProtocols>
```



# ssl-validation-level

**ssl-validation-level** <ssl-validation-level>

**Description:** Set the LDAP Server SSL Certificate validation level

**Syntax:**

<ssl-validation-level>	<ssl-validation-level>
------------------------	------------------------

**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)# ssl-validation-level <ssl-validation-level>
```

# state

## state <WORD>

**Description:** Set The state or province in which the organization is located.

### Syntax:

<WORD>	state or province (Max Size 64)
--------	---------------------------------

**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)# state <WORD>
```

## state <cipherState>

**Description:** Cipher state

### Syntax:

<i>cipherState</i>	Cipher state as comma separated values like val1,val2,..valN
--------------------	--

**Command Mode:** ciphers : HTTPS cipher suite

### Command Path:

```
# configure [['terminal', 't']]
(config)# comm-policy <WORD>
(config-comm-policy)# https
(config-https)# ciphers <WORD>
(config-ciphers)# state <cipherState>
```

# static-endpoint

**static-endpoint mac** *E.E.E*|*EE-EE-EE-EE-EE-EE*|*EE:EE:EE:EE:EE:EE*|*EEEE.EEEE.EEEE* **vlan** <NUMBER> [**ip** <A1.B1.C1.D1,...,An.Bn.Cn.Dn>] [**ipv6** <A1:B1::C1:D1,...,An:Bn::Cn:Dn>]

**Description:** Configure Silent Host behind an EPG with a Static Path Attachment

**Syntax:**

mac	MAC address
<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)
vlan	Encapsulation Vlan
<1-4094>	Encapsulation Vlan. Number range from=1 to=4094
<i>A1.B1.C1.D1,...,An.Bn.Cn.Dn</i>	(Optional) List of IP addresses in format i.i.i.i
<i>A1:B1::C1:D1,...,An:Bn::Cn:Dn</i>	(Optional) List of IPv6 address in format xxxx:xxxx, xxxx::xx

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

**Command Path:**

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface ethernet <ifRange>
(config-leaf-if)# static-endpoint mac E.E.E|EE-EE-EE-EE-EE-EE|EE:EE:EE:EE:EE:EE|EEEE.EEEE.EEEE
vlan <NUMBER> [ip <A1.B1.C1.D1,...,An.Bn.Cn.Dn>] [ipv6 <A1:B1::C1:D1,...,An:Bn::Cn:Dn>]
```

**static-endpoint mac** *E.E.E*|*EE-EE-EE-EE-EE-EE*|*EE:EE:EE:EE:EE:EE*|*EEEE.EEEE.EEEE* **vlan** <NUMBER> [**ip** <A1.B1.C1.D1,...,An.Bn.Cn.Dn>] [**ipv6** <A1:B1::C1:D1,...,An:Bn::Cn:Dn>]

**Description:** Configure silent Host behind an EPG with a Static Path Attachment

**Syntax:**

mac	MAC address
<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)

vlan	Encapsulation Vlan
<1-4094>	Encapsulation Vlan. Number range from=1 to=4094
<i>A1.B1.C1.D1,...,An.Bn.Cn.Dn</i>	(Optional) List of IP addresses in format i.i.i.i
<i>A1:B1::C1:D1,...,An:Bn::Cn:Dn</i>	(Optional) List of IPv6 address in format xxxx:xxxx, xxxx::xx

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

**Command Path:**

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface port-channel <WORD> [fex <fex>]
(config-leaf-if)# static-endpoint mac E.E.E|EE-EE-EE-EE-EE-EE|EE:EE:EE:EE:EE:EE|EEEE.EEEE.EEEE
vlan <NUMBER> [ip <A1.B1.C1.D1,...,An.Bn.Cn.Dn>] [ipv6 <A1:B1::C1:D1,...,An:Bn::Cn:Dn>]
```

**static-endpoint mac E.E.E|EE-EE-EE-EE-EE-EE|EE:EE:EE:EE:EE:EE|EEEE.EEEE.EEEE vlan <NUMBER> [ip <A1.B1.C1.D1,...,An.Bn.Cn.Dn>] [ipv6 <A1:B1::C1:D1,...,An:Bn::Cn:Dn>]**

**Description:** Configure Silent Host behind an EPG with a Static Path Attachment

**Syntax:**

mac	MAC address
<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)
vlan	Encapsulation Vlan
<1-4094>	Encapsulation Vlan. Number range from=1 to=4094
<i>A1.B1.C1.D1,...,An.Bn.Cn.Dn</i>	(Optional) List of IP addresses in format i.i.i.i
<i>A1:B1::C1:D1,...,An:Bn::Cn:Dn</i>	(Optional) List of IPv6 address in format xxxx:xxxx, xxxx::xx

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

**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface ethernet <ifRange>
(config-leaf-if)# static-endpoint mac E.E.E|EE-EE-EE-EE-EE-EE|EE:EE:EE:EE:EE:EE|EEEE.EEEE.EEEE
vlan <NUMBER> [ip <A1.B1.C1.D1,...,An.Bn.Cn.Dn>] [ipv6 <A1:B1::C1:D1,...,An:Bn::Cn:Dn>]
```

**static-endpoint mac** *E.E.E*|*EE-EE-EE-EE-EE-EE*|*EE:EE:EE:EE:EE:EE*|*EEEE.EEEE.EEEE* **vlan** <NUMBER> [**ip** <*A1.B1.C1.D1*,...,*An.Bn.Cn.Dn*>] [**ipv6** <*A1:B1::C1:D1*,...,*An:Bn::Cn:Dn*>]

**Description:** Configure silent Host behind an EPG with a Static Path Attachment

**Syntax:**

mac	MAC address
<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)
vlan	Encapsulation Vlan
< <i>1-4094</i> >	Encapsulation Vlan. Number range from=1 to=4094
<i>A1.B1.C1.D1</i> ,..., <i>An.Bn.Cn.Dn</i>	(Optional) List of IP addresses in format i.i.i.i
<i>A1:B1::C1:D1</i> ,..., <i>An:Bn::Cn:Dn</i>	(Optional) List of IPv6 address in format xxxx:xxxx, xxxx:xx

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

**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface port-channel <WORD> [fex <fex>]
(config-leaf-if)# static-endpoint mac E.E.E|EE-EE-EE-EE-EE-EE|EE:EE:EE:EE:EE:EE|EEEE.EEEE.EEEE
vlan <NUMBER> [ip <A1.B1.C1.D1,...,An.Bn.Cn.Dn>] [ipv6 <A1:B1::C1:D1,...,An:Bn::Cn:Dn>]
```

**static-endpoint mac** *E.E.E*|*EE-EE-EE-EE-EE-EE*|*EE:EE:EE:EE:EE:EE*|*EEEE.EEEE.EEEE* **vlan** <NUMBER> [**ip** <*A1.B1.C1.D1*,...,*An.Bn.Cn.Dn*>] [**ipv6** <*A1:B1::C1:D1*,...,*An:Bn::Cn:Dn*>]

**Description:** Configure silent Host behind a EPG with a Static Path Attachment

**Syntax:**

mac	MAC address
<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)
vlan	Encapsulation Vlan
< <i>1-4094</i> >	Encapsulation Vlan. Number range from=1 to=4094
<i>A1.B1.C1.D1</i> ,..., <i>An.Bn.Cn.Dn</i>	(Optional) List of IP addresses in format i.i.i.i

<i>A1:B1::C1:D1,...,An:Bn::Cn:Dn</i>	(Optional) List of IPv6 address in format xxxx:xxxx, xxxx::xx
--------------------------------------	---

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

**Command Path:**

```
# configure [['terminal', 't']]
(config)# vpc context leaf <101-4000> <101-4000> [fex <fex>]
(config-vpc)# interface vpc <WORD> [fex <fex>]
(config-vpc-if)# static-endpoint mac E.E.E|EE-EE-EE-EE-EE-EE|EE:EE:EE:EE:EE:EE|EEEE.EEEE.EEEE
vlan <NUMBER> [ip <A1.B1.C1.D1,...,An.Bn.Cn.Dn>] [ipv6 <A1:B1::C1:D1,...,An:Bn::Cn:Dn>]
```

# static-tep

**static-tep mac** *E.E.E|EE-EE-EE-EE-EE-EE|EE:EE:EE:EE:EE:EE|EEEE.EEEE.EEEE* vlan <NUMBER> <A.B.C.D>

**Description:** Configure a static Tunnel Endpoint behind an EPG with a Static Path Attachment

**Syntax:**

mac	MAC address
<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)
vlan	Encapsulation Vlan
<1-4094>	VLAN range. Number range from=1 to=4094
<i>A.B.C.D</i>	IP address in format i.i.i.i

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

**Command Path:**

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface ethernet <ifRange>
(config-leaf-if)# static-tep mac E.E.E|EE-EE-EE-EE-EE-EE|EE:EE:EE:EE:EE:EE|EEEE.EEEE.EEEE
vlan <NUMBER> <A.B.C.D>
```

**static-tep mac** *E.E.E|EE-EE-EE-EE-EE-EE|EE:EE:EE:EE:EE:EE|EEEE.EEEE.EEEE* vlan <NUMBER> <A.B.C.D>

**Description:** Configure a static Tunnel Endpoint behind an EPG with a Static Path Attachment

**Syntax:**

mac	MAC address
<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)
vlan	Encapsulation Vlan
<1-4094>	VLAN range. Number range from=1 to=4094

<i>A.B.C.D</i>	IP address in format i.i.i.i
----------------	------------------------------

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

**Command Path:**

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface port-channel <WORD> [fex <fex>]
(config-leaf-if)# static-tep mac E.E.E|EE-EE-EE-EE-EE-EE|EE:EE:EE:EE:EE:EE|EEEE.EEEE.EEEE
vlan <NUMBER> <A.B.C.D>
```

**static-tep mac E.E.E|EE-EE-EE-EE-EE-EE|EE:EE:EE:EE:EE:EE|EEEE.EEEE.EEEE vlan <NUMBER> <A.B.C.D>**

**Description:** Configure a static Tunnel Endpoint behind an EPG with a Static Path Attachment

**Syntax:**

mac	MAC address
<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)
vlan	Encapsulation Vlan
<i>&lt;1-4094&gt;</i>	VLAN range. Number range from=1 to=4094
<i>A.B.C.D</i>	IP address in format i.i.i.i

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

**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface ethernet <ifRange>
(config-leaf-if)# static-tep mac E.E.E|EE-EE-EE-EE-EE-EE|EE:EE:EE:EE:EE:EE|EEEE.EEEE.EEEE
vlan <NUMBER> <A.B.C.D>
```

**static-tep mac E.E.E|EE-EE-EE-EE-EE-EE|EE:EE:EE:EE:EE:EE|EEEE.EEEE.EEEE vlan <NUMBER> <A.B.C.D>**

**Description:** Configure a static Tunnel Endpoint behind an EPG with a Static Path Attachment

**Syntax:**

mac	MAC address
<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)
vlan	Encapsulation Vlan
<1-4094>	VLAN range. Number range from=1 to=4094
<i>A.B.C.D</i>	IP address in format i.i.i.i

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

**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface port-channel <WORD> [fex <fex>]
(config-leaf-if)# static-tep mac E.E.E|EE-EE-EE-EE-EE-EE|EE:EE:EE:EE:EE:EE|EEEE.EEEE.EEEE
vlan <NUMBER> <A.B.C.D>
```

**static-tep mac E.E.E|EE-EE-EE-EE-EE-EE|EE:EE:EE:EE:EE:EE|EEEE.EEEE.EEEE vlan <NUMBER> <A.B.C.D>**

**Description:** Configure a static Tunnel Endpoint behind a EPG with a Static Path Attachment

**Syntax:**

mac	MAC address
<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)
vlan	Encapsulation Vlan
<1-4094>	VLAN range. Number range from=1 to=4094
<i>A.B.C.D</i>	IP address in format i.i.i.i

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

**Command Path:**

```
# configure [['terminal', 't']]
(config)# vpc context leaf <101-4000> <101-4000> [fex <fex>]
(config-vpc)# interface vpc <WORD> [fex <fex>]
(config-vpc-if)# static-tep mac E.E.E|EE-EE-EE-EE-EE-EE|EE:EE:EE:EE:EE:EE|EEEE.EEEE.EEEE
vlan <NUMBER> <A.B.C.D>
```

# statistics

## statistics enable

**Description:** Enable/disable stats collection on vCenter

**Syntax:**

enable	enable
--------	--------

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

**Command Path:**

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

# stoprekey

**stoprekey** <yes|no>

**Description:** Control to stop Rekeying

**Syntax:**

<yes/no>	disable enable rekeying
----------	-------------------------

**Command Mode:** template cloudsec : Configure cloudsec Policies

**Command Path:**

```
# configure [['terminal', 't']]
(config)# template cloudsec <WORD>
(config-cloudsec)# stoprekey <yes|no>
```

## storm-control broadcast level

**storm-control broadcast level <0-100> [burst-rate <0-100>]**

**Description:** Configure Storm Control Level (bandwidth percentage) for broadcast

**Syntax:**

<0-100>	Rate of Bandwidth in Percentage
<0-100>	(Optional) Max Rate of Bandwidth in Percentage

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

**Command Path:**

```
# configure [['terminal', 't']]
(config)# template policy-group <WORD>
(config-pol-grp-if)# storm-control broadcast level <0-100> [burst-rate <0-100>]
```

**storm-control broadcast level <0-100> [burst-rate <0-100>]**

**Description:** Configure Storm Control Level (bandwidth percentage) for broadcast

**Syntax:**

<0-100>	Rate of Bandwidth in Percentage
<0-100>	(Optional) Max Rate of Bandwidth in Percentage

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

**Command Path:**

```
# configure [['terminal', 't']]
(config)# template port-channel <WORD>
(config-po-ch-if)# storm-control broadcast level <0-100> [burst-rate <0-100>]
```

**storm-control broadcast level <0-100> [burst-rate <0-100>]**

**Description:** Configure Storm Control Level (bandwidth percentage) for broadcast

**Syntax:**

<0-100>	Rate of Bandwidth in Percentage
<0-100>	(Optional) Max Rate of Bandwidth in Percentage

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

**Command Path:**

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

```
(config)# leaf <101-4000>
(config-leaf)# interface ethernet <ifRange>
(config-leaf-if)# storm-control broadcast level <0-100> [burst-rate <0-100>]
```

### storm-control broadcast level <0-100> [burst-rate <0-100>]

**Description:** Configure Storm Control Level (bandwidth percentage) for broadcast

**Syntax:**

<0-100>	Rate of Bandwidth in Percentage
<0-100>	(Optional) Max Rate of Bandwidth in Percentage

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

**Command Path:**

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface port-channel <WORD> [fex <fex>]
(config-leaf-if)# storm-control broadcast level <0-100> [burst-rate <0-100>]
```

### storm-control broadcast level <0-100> [burst-rate <0-100>]

**Description:** Configure Storm Control Level (bandwidth percentage) for broadcast

**Syntax:**

<0-100>	Rate of Bandwidth in Percentage
<0-100>	(Optional) Max Rate of Bandwidth in Percentage

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

**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface ethernet <ifRange>
(config-leaf-if)# storm-control broadcast level <0-100> [burst-rate <0-100>]
```

### storm-control broadcast level <0-100> [burst-rate <0-100>]

**Description:** Configure Storm Control Level (bandwidth percentage) for broadcast

**Syntax:**

<0-100>	Rate of Bandwidth in Percentage
<0-100>	(Optional) Max Rate of Bandwidth in Percentage

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

**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface port-channel <WORD> [fex <fex>]
(config-leaf-if)# storm-control broadcast level <0-100> [burst-rate <0-100>]
```

### storm-control broadcast level <0-100> [burst-rate <0-100>]

**Description:** Configure Storm Control Level (bandwidth percentage) for broadcast

#### Syntax:

<0-100>	Rate of Bandwidth in Percentage
<0-100>	(Optional) Max Rate of Bandwidth in Percentage

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

#### Command Path:

```
# configure [['terminal', 't']]
(config)# vpc context leaf <101-4000> <101-4000> [fex <fex>]
(config-vpc)# interface vpc <WORD> [fex <fex>]
(config-vpc-if)# storm-control broadcast level <0-100> [burst-rate <0-100>]
```

# storm-control broadcast pps

**storm-control broadcast pps <arg> burst-rate <arg>**

**Description:** Configure Storm Control in packet per second for broadcast

**Syntax:**

<i>arg</i>	Burst Rate in packets per second. Number range from=0 to=4882812
burst-rate	Max Burst Rate in packets per second
<i>arg</i>	Max Burst Rate in packets per second. Number range from=0 to=4882812

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

**Command Path:**

```
# configure [['terminal', 't']]
(config)# template policy-group <WORD>
(config-pol-grp-if)# storm-control broadcast pps <> burst-rate <>
```

**storm-control broadcast pps <arg> burst-rate <arg>**

**Description:** Configure Storm Control in packet per second for broadcast

**Syntax:**

<i>arg</i>	Burst Rate in packets per second. Number range from=0 to=4882812
burst-rate	Max Burst Rate in packets per second
<i>arg</i>	Max Burst Rate in packets per second. Number range from=0 to=4882812

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

**Command Path:**

```
# configure [['terminal', 't']]
(config)# template port-channel <WORD>
(config-po-ch-if)# storm-control broadcast pps <> burst-rate <>
```

**storm-control broadcast pps <arg> burst-rate <arg>**

**Description:** Configure Storm Control in packet per second for broadcast

**Syntax:**

<i>arg</i>	Burst Rate in packets per second. Number range from=0 to=4882812
burst-rate	Max Burst Rate in packets per second

<i>arg</i>	Max Burst Rate in packets per second. Number range from=0 to=4882812
------------	--

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

**Command Path:**

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface ethernet <ifRange>
(config-leaf-if)# storm-control broadcast pps <> burst-rate <>
```

**storm-control broadcast pps <arg> burst-rate <arg>**

**Description:** Configure Storm Control in packet per second for broadcast

**Syntax:**

<i>arg</i>	Burst Rate in packets per second. Number range from=0 to=4882812
burst-rate	Max Burst Rate in packets per second
<i>arg</i>	Max Burst Rate in packets per second. Number range from=0 to=4882812

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

**Command Path:**

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface port-channel <WORD> [fex <fex>]
(config-leaf-if)# storm-control broadcast pps <> burst-rate <>
```

**storm-control broadcast pps <arg> burst-rate <arg>**

**Description:** Configure Storm Control in packet per second for broadcast

**Syntax:**

<i>arg</i>	Burst Rate in packets per second. Number range from=0 to=4882812
burst-rate	Max Burst Rate in packets per second
<i>arg</i>	Max Burst Rate in packets per second. Number range from=0 to=4882812

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

**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface ethernet <ifRange>
```



```
(config-leaf-if)# storm-control broadcast pps <> burst-rate <>
```

### storm-control broadcast pps <arg> burst-rate <arg>

**Description:** Configure Storm Control in packet per second for broadcast

**Syntax:**

<i>arg</i>	Burst Rate in packets per second. Number range from=0 to=4882812
burst-rate	Max Burst Rate in packets per second
<i>arg</i>	Max Burst Rate in packets per second. Number range from=0 to=4882812

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

**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface port-channel <WORD> [fex <fex>]
(config-leaf-if)# storm-control broadcast pps <> burst-rate <>
```

### storm-control broadcast pps <arg> burst-rate <arg>

**Description:** Configure Storm Control in packet per second for broadcast

**Syntax:**

<i>arg</i>	Burst Rate in packets per second. Number range from=0 to=4882812
burst-rate	Max Burst Rate in packets per second
<i>arg</i>	Max Burst Rate in packets per second. Number range from=0 to=4882812

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

**Command Path:**

```
# configure [['terminal', 't']]
(config)# vpc context leaf <101-4000> <101-4000> [fex <fex>]
(config-vpc)# interface vpc <WORD> [fex <fex>]
(config-vpc-if)# storm-control broadcast pps <> burst-rate <>
```

## storm-control level

### storm-control level <0-100> [burst-rate <0-100>]

**Description:** Configure Storm Control Level (bandwidth percentage) for all packet types

**Syntax:**

<0-100>	Rate of Bandwidth in Percentage
<0-100>	(Optional) Max Rate of Bandwidth in Percentage

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

**Command Path:**

```
# configure [['terminal', 't']]
(config)# template policy-group <WORD>
(config-pol-grp-if)# storm-control level <0-100> [burst-rate <0-100>]
```

### storm-control level <0-100> [burst-rate <0-100>]

**Description:** Configure Storm Control Level (bandwidth percentage) for all packet types

**Syntax:**

<0-100>	Rate of Bandwidth in Percentage
<0-100>	(Optional) Max Rate of Bandwidth in Percentage

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

**Command Path:**

```
# configure [['terminal', 't']]
(config)# template port-channel <WORD>
(config-po-ch-if)# storm-control level <0-100> [burst-rate <0-100>]
```

### storm-control level <0-100> [burst-rate <0-100>]

**Description:** Configure Storm Control Level (bandwidth percentage) for all packet types

**Syntax:**

<0-100>	Rate of Bandwidth in Percentage
<0-100>	(Optional) Max Rate of Bandwidth in Percentage

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

**Command Path:**

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

```
(config)# leaf <101-4000>
(config-leaf)# interface ethernet <ifRange>
(config-leaf-if)# storm-control level <0-100> [burst-rate <0-100>]
```

### storm-control level <0-100> [burst-rate <0-100>]

**Description:** Configure Storm Control Level (bandwidth percentage) for all packet types

**Syntax:**

<0-100>	Rate of Bandwidth in Percentage
<0-100>	(Optional) Max Rate of Bandwidth in Percentage

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

**Command Path:**

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface port-channel <WORD> [fex <fex>]
(config-leaf-if)# storm-control level <0-100> [burst-rate <0-100>]
```

### storm-control level <0-100> [burst-rate <0-100>]

**Description:** Configure Storm Control Level (bandwidth percentage) for all packet types

**Syntax:**

<0-100>	Rate of Bandwidth in Percentage
<0-100>	(Optional) Max Rate of Bandwidth in Percentage

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

**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface ethernet <ifRange>
(config-leaf-if)# storm-control level <0-100> [burst-rate <0-100>]
```

### storm-control level <0-100> [burst-rate <0-100>]

**Description:** Configure Storm Control Level (bandwidth percentage) for all packet types

**Syntax:**

<0-100>	Rate of Bandwidth in Percentage
<0-100>	(Optional) Max Rate of Bandwidth in Percentage

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

**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface port-channel <WORD> [fex <fex>]
(config-leaf-if)# storm-control level <0-100> [burst-rate <0-100>]
```

### storm-control level <0-100> [burst-rate <0-100>]

**Description:** Configure Storm Control Level (bandwidth percentage) for all packet types

#### Syntax:

<0-100>	Rate of Bandwidth in Percentage
<0-100>	(Optional) Max Rate of Bandwidth in Percentage

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

#### Command Path:

```
# configure [['terminal', 't']]
(config)# vpc context leaf <101-4000> <101-4000> [fex <fex>]
(config-vpc)# interface vpc <WORD> [fex <fex>]
(config-vpc-if)# storm-control level <0-100> [burst-rate <0-100>]
```

# storm-control multicast level

**storm-control multicast level <0-100> [burst-rate <0-100>]**

**Description:** Configure Storm Control Level (bandwidth percentage) for multicast

**Syntax:**

<0-100>	Rate of Bandwidth in Percentage
<0-100>	(Optional) Max Rate of Bandwidth in Percentage

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

**Command Path:**

```
# configure [['terminal', 't']]
(config)# template policy-group <WORD>
(config-pol-grp-if)# storm-control multicast level <0-100> [burst-rate <0-100>]
```

**storm-control multicast level <0-100> [burst-rate <0-100>]**

**Description:** Configure Storm Control Level (bandwidth percentage) for multicast

**Syntax:**

<0-100>	Rate of Bandwidth in Percentage
<0-100>	(Optional) Max Rate of Bandwidth in Percentage

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

**Command Path:**

```
# configure [['terminal', 't']]
(config)# template port-channel <WORD>
(config-po-ch-if)# storm-control multicast level <0-100> [burst-rate <0-100>]
```

**storm-control multicast level <0-100> [burst-rate <0-100>]**

**Description:** Configure Storm Control Level (bandwidth percentage) for multicast

**Syntax:**

<0-100>	Rate of Bandwidth in Percentage
<0-100>	(Optional) Max Rate of Bandwidth in Percentage

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

**Command Path:**

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

```
(config)# leaf <101-4000>
(config-leaf)# interface ethernet <ifRange>
(config-leaf-if)# storm-control multicast level <0-100> [burst-rate <0-100>]
```

### storm-control multicast level <0-100> [burst-rate <0-100>]

**Description:** Configure Storm Control Level (bandwidth percentage) for multicast

**Syntax:**

<0-100>	Rate of Bandwidth in Percentage
<0-100>	(Optional) Max Rate of Bandwidth in Percentage

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

**Command Path:**

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface port-channel <WORD> [fex <fex>]
(config-leaf-if)# storm-control multicast level <0-100> [burst-rate <0-100>]
```

### storm-control multicast level <0-100> [burst-rate <0-100>]

**Description:** Configure Storm Control Level (bandwidth percentage) for multicast

**Syntax:**

<0-100>	Rate of Bandwidth in Percentage
<0-100>	(Optional) Max Rate of Bandwidth in Percentage

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

**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface ethernet <ifRange>
(config-leaf-if)# storm-control multicast level <0-100> [burst-rate <0-100>]
```

### storm-control multicast level <0-100> [burst-rate <0-100>]

**Description:** Configure Storm Control Level (bandwidth percentage) for multicast

**Syntax:**

<0-100>	Rate of Bandwidth in Percentage
<0-100>	(Optional) Max Rate of Bandwidth in Percentage

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

**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface port-channel <WORD> [fex <fex>]
(config-leaf-if)# storm-control multicast level <0-100> [burst-rate <0-100>]
```

### storm-control multicast level <0-100> [burst-rate <0-100>]

**Description:** Configure Storm Control Level (bandwidth percentage) for multicast

**Syntax:**

<0-100>	Rate of Bandwidth in Percentage
<0-100>	(Optional) Max Rate of Bandwidth in Percentage

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

**Command Path:**

```
# configure [['terminal', 't']]
(config)# vpc context leaf <101-4000> <101-4000> [fex <fex>]
(config-vpc)# interface vpc <WORD> [fex <fex>]
(config-vpc-if)# storm-control multicast level <0-100> [burst-rate <0-100>]
```

## storm-control multicast pps

**storm-control multicast pps <arg> burst-rate <arg>**

**Description:** Configure Storm Control in packet per second for multicast

**Syntax:**

<i>arg</i>	Burst Rate in packets per second. Number range from=0 to=4882812
burst-rate	Max Burst Rate in packets per second
<i>arg</i>	Max Burst Rate in packets per second. Number range from=0 to=4882812

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

**Command Path:**

```
# configure [['terminal', 't']]
(config)# template policy-group <WORD>
(config-pol-grp-if)# storm-control multicast pps <> burst-rate <>
```

**storm-control multicast pps <arg> burst-rate <arg>**

**Description:** Configure Storm Control in packet per second for multicast

**Syntax:**

<i>arg</i>	Burst Rate in packets per second. Number range from=0 to=4882812
burst-rate	Max Burst Rate in packets per second
<i>arg</i>	Max Burst Rate in packets per second. Number range from=0 to=4882812

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

**Command Path:**

```
# configure [['terminal', 't']]
(config)# template port-channel <WORD>
(config-po-ch-if)# storm-control multicast pps <> burst-rate <>
```

**storm-control multicast pps <arg> burst-rate <arg>**

**Description:** Configure Storm Control in packet per second for multicast

**Syntax:**

<i>arg</i>	Burst Rate in packets per second. Number range from=0 to=4882812
burst-rate	Max Burst Rate in packets per second



<i>arg</i>	Max Burst Rate in packets per second. Number range from=0 to=4882812
------------	--

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

**Command Path:**

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface ethernet <ifRange>
(config-leaf-if)# storm-control multicast pps <> burst-rate <>
```

**storm-control multicast pps <arg> burst-rate <arg>**

**Description:** Configure Storm Control in packet per second for multicast

**Syntax:**

<i>arg</i>	Burst Rate in packets per second. Number range from=0 to=4882812
burst-rate	Max Burst Rate in packets per second
<i>arg</i>	Max Burst Rate in packets per second. Number range from=0 to=4882812

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

**Command Path:**

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface port-channel <WORD> [fex <fex>]
(config-leaf-if)# storm-control multicast pps <> burst-rate <>
```

**storm-control multicast pps <arg> burst-rate <arg>**

**Description:** Configure Storm Control in packet per second for multicast

**Syntax:**

<i>arg</i>	Burst Rate in packets per second. Number range from=0 to=4882812
burst-rate	Max Burst Rate in packets per second
<i>arg</i>	Max Burst Rate in packets per second. Number range from=0 to=4882812

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

**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface ethernet <ifRange>
```

```
(config-leaf-if)# storm-control multicast pps <> burst-rate <>
```

### storm-control multicast pps <arg> burst-rate <arg>

**Description:** Configure Storm Control in packet per second for multicast

#### Syntax:

<i>arg</i>	Burst Rate in packets per second. Number range from=0 to=4882812
burst-rate	Max Burst Rate in packets per second
<i>arg</i>	Max Burst Rate in packets per second. Number range from=0 to=4882812

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

#### Command Path:

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface port-channel <WORD> [fex <fex>]
(config-leaf-if)# storm-control multicast pps <> burst-rate <>
```

### storm-control multicast pps <arg> burst-rate <arg>

**Description:** Configure Storm Control in packet per second for multicast

#### Syntax:

<i>arg</i>	Burst Rate in packets per second. Number range from=0 to=4882812
burst-rate	Max Burst Rate in packets per second
<i>arg</i>	Max Burst Rate in packets per second. Number range from=0 to=4882812

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

#### Command Path:

```
# configure [['terminal', 't']]
(config)# vpc context leaf <101-4000> <101-4000> [fex <fex>]
(config-vpc)# interface vpc <WORD> [fex <fex>]
(config-vpc-if)# storm-control multicast pps <> burst-rate <>
```

# storm-control pps

## storm-control pps <arg> burst-rate <arg>

**Description:** Configure Storm Control in packet per second for all packet types

**Syntax:**

<i>arg</i>	Burst Rate in packets per second. Number range from=0 to=4882812
burst-rate	Max Burst Rate in packets per second
<i>arg</i>	Max Burst Rate in packets per second. Number range from=0 to=4882812

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

**Command Path:**

```
# configure [['terminal', 't']]
(config)# template policy-group <WORD>
(config-pol-grp-if)# storm-control pps <> burst-rate <>
```

## storm-control pps <arg> burst-rate <arg>

**Description:** Configure Storm Control in packet per second for all packet type

**Syntax:**

<i>arg</i>	Burst Rate in packets per second. Number range from=0 to=4882812
burst-rate	Max Burst Rate in packets per second
<i>arg</i>	Max Burst Rate in packets per second. Number range from=0 to=4882812

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

**Command Path:**

```
# configure [['terminal', 't']]
(config)# template port-channel <WORD>
(config-po-ch-if)# storm-control pps <> burst-rate <>
```

## storm-control pps <arg> burst-rate <arg>

**Description:** Configure Storm Control in packet per second for all packet types

**Syntax:**

<i>arg</i>	Burst Rate in packets per second. Number range from=0 to=4882812
burst-rate	Max Burst Rate in packets per second

<i>arg</i>	Max Burst Rate in packets per second. Number range from=0 to=4882812
------------	--

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

**Command Path:**

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface ethernet <ifRange>
(config-leaf-if)# storm-control pps <> burst-rate <>
```

**storm-control pps <arg> burst-rate <arg>**

**Description:** Configure Storm Control in packet per second for all packet types

**Syntax:**

<i>arg</i>	Burst Rate in packets per second. Number range from=0 to=4882812
burst-rate	Max Burst Rate in packets per second
<i>arg</i>	Max Burst Rate in packets per second. Number range from=0 to=4882812

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

**Command Path:**

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface port-channel <WORD> [fex <fex>]
(config-leaf-if)# storm-control pps <> burst-rate <>
```

**storm-control pps <arg> burst-rate <arg>**

**Description:** Configure Storm Control in packet per second for all packet types

**Syntax:**

<i>arg</i>	Burst Rate in packets per second. Number range from=0 to=4882812
burst-rate	Max Burst Rate in packets per second
<i>arg</i>	Max Burst Rate in packets per second. Number range from=0 to=4882812

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

**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface ethernet <ifRange>
```

```
(config-leaf-if)# storm-control pps <> burst-rate <>
```

### storm-control pps <arg> burst-rate <arg>

**Description:** Configure Storm Control in packet per second for all packet types

**Syntax:**

<i>arg</i>	Burst Rate in packets per second. Number range from=0 to=4882812
burst-rate	Max Burst Rate in packets per second
<i>arg</i>	Max Burst Rate in packets per second. Number range from=0 to=4882812

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

**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface port-channel <WORD> [fex <fex>]
(config-leaf-if)# storm-control pps <> burst-rate <>
```

### storm-control pps <arg> burst-rate <arg>

**Description:** Configure Storm Control in packet per second for all packets type

**Syntax:**

<i>arg</i>	Rate in packets per second. Number range from=0 to=4882812
burst-rate	Max Burst Rate in packets per second
<i>arg</i>	Max Burst Rate in packets per second. Number range from=0 to=4882812

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

**Command Path:**

```
# configure [['terminal', 't']]
(config)# vpc context leaf <101-4000> <101-4000> [fex <fex>]
(config-vpc)# interface vpc <WORD> [fex <fex>]
(config-vpc-if)# storm-control pps <> burst-rate <>
```

## storm-control unicast level

**storm-control unicast level <0-100> [burst-rate <0-100>]**

**Description:** Configure Storm Control Level (bandwidth percentage) for unicast

**Syntax:**

<0-100>	Rate of Bandwidth in Percentage
<0-100>	(Optional) Max Rate of Bandwidth in Percentage

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

**Command Path:**

```
# configure [['terminal', 't']]
(config)# template policy-group <WORD>
(config-pol-grp-if)# storm-control unicast level <0-100> [burst-rate <0-100>]
```

**storm-control unicast level <0-100> [burst-rate <0-100>]**

**Description:** Configure Storm Control Level (bandwidth percentage) for unicast

**Syntax:**

<0-100>	Rate of Bandwidth in Percentage
<0-100>	(Optional) Max Rate of Bandwidth in Percentage

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

**Command Path:**

```
# configure [['terminal', 't']]
(config)# template port-channel <WORD>
(config-po-ch-if)# storm-control unicast level <0-100> [burst-rate <0-100>]
```

**storm-control unicast level <0-100> [burst-rate <0-100>]**

**Description:** Configure Storm Control Level (bandwidth percentage) for unicast

**Syntax:**

<0-100>	Rate of Bandwidth in Percentage
<0-100>	(Optional) Max Rate of Bandwidth in Percentage

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

**Command Path:**

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

```
(config)# leaf <101-4000>
(config-leaf)# interface ethernet <ifRange>
(config-leaf-if)# storm-control unicast level <0-100> [burst-rate <0-100>]
```

### storm-control unicast level <0-100> [burst-rate <0-100>]

**Description:** Configure Storm Control Level (bandwidth percentage) for unicast

**Syntax:**

<0-100>	Rate of Bandwidth in Percentage
<0-100>	(Optional) Max Rate of Bandwidth in Percentage

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

**Command Path:**

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface port-channel <WORD> [fex <fex>]
(config-leaf-if)# storm-control unicast level <0-100> [burst-rate <0-100>]
```

### storm-control unicast level <0-100> [burst-rate <0-100>]

**Description:** Configure Storm Control Level (bandwidth percentage) for unicast

**Syntax:**

<0-100>	Rate of Bandwidth in Percentage
<0-100>	(Optional) Max Rate of Bandwidth in Percentage

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

**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface ethernet <ifRange>
(config-leaf-if)# storm-control unicast level <0-100> [burst-rate <0-100>]
```

### storm-control unicast level <0-100> [burst-rate <0-100>]

**Description:** Configure Storm Control Level (bandwidth percentage) for unicast

**Syntax:**

<0-100>	Rate of Bandwidth in Percentage
<0-100>	(Optional) Max Rate of Bandwidth in Percentage

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

**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface port-channel <WORD> [fex <fex>]
(config-leaf-if)# storm-control unicast level <0-100> [burst-rate <0-100>]
```

### storm-control unicast level <0-100> [burst-rate <0-100>]

**Description:** Configure Storm Control Level (bandwidth percentage) for unicast

#### Syntax:

<0-100>	Rate of Bandwidth in Percentage
<0-100>	(Optional) Max Rate of Bandwidth in Percentage

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

#### Command Path:

```
# configure [['terminal', 't']]
(config)# vpc context leaf <101-4000> <101-4000> [fex <fex>]
(config-vpc)# interface vpc <WORD> [fex <fex>]
(config-vpc-if)# storm-control unicast level <0-100> [burst-rate <0-100>]
```



# storm-control unicast pps

**storm-control unicast pps <arg> burst-rate <arg>**

**Description:** Configure Storm Control in packet per second for unicast

**Syntax:**

<i>arg</i>	Burst Rate in packets per second. Number range from=0 to=4882812
burst-rate	Max Burst Rate in packets per second
<i>arg</i>	Max Burst Rate in packets per second. Number range from=0 to=4882812

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

**Command Path:**

```
# configure [['terminal', 't']]
(config)# template policy-group <WORD>
(config-pol-grp-if)# storm-control unicast pps <> burst-rate <>
```

**storm-control unicast pps <arg> burst-rate <arg>**

**Description:** Configure Storm Control in packet per second for unicast

**Syntax:**

<i>arg</i>	Burst Rate in packets per second. Number range from=0 to=4882812
burst-rate	Max Burst Rate in packets per second
<i>arg</i>	Max Burst Rate in packets per second. Number range from=0 to=4882812

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

**Command Path:**

```
# configure [['terminal', 't']]
(config)# template port-channel <WORD>
(config-po-ch-if)# storm-control unicast pps <> burst-rate <>
```

**storm-control unicast pps <arg> burst-rate <arg>**

**Description:** Configure Storm Control in packet per second for unicast

**Syntax:**

<i>arg</i>	Burst Rate in packets per second. Number range from=0 to=4882812
burst-rate	Max Burst Rate in packets per second

<i>arg</i>	Max Burst Rate in packets per second. Number range from=0 to=4882812
------------	--

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

**Command Path:**

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface ethernet <ifRange>
(config-leaf-if)# storm-control unicast pps <> burst-rate <>
```

**storm-control unicast pps <arg> burst-rate <arg>**

**Description:** Configure Storm Control in packet per second for unicast

**Syntax:**

<i>arg</i>	Burst Rate in packets per second. Number range from=0 to=4882812
burst-rate	Max Burst Rate in packets per second
<i>arg</i>	Max Burst Rate in packets per second. Number range from=0 to=4882812

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

**Command Path:**

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface port-channel <WORD> [fex <fex>]
(config-leaf-if)# storm-control unicast pps <> burst-rate <>
```

**storm-control unicast pps <arg> burst-rate <arg>**

**Description:** Configure Storm Control in packet per second for unicast

**Syntax:**

<i>arg</i>	Burst Rate in packets per second. Number range from=0 to=4882812
burst-rate	Max Burst Rate in packets per second
<i>arg</i>	Max Burst Rate in packets per second. Number range from=0 to=4882812

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

**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface ethernet <ifRange>
```

```
(config-leaf-if)# storm-control unicast pps <> burst-rate <>
```

### storm-control unicast pps <arg> burst-rate <arg>

**Description:** Configure Storm Control in packet per second for unicast

**Syntax:**

<i>arg</i>	Burst Rate in packets per second. Number range from=0 to=4882812
burst-rate	Max Burst Rate in packets per second
<i>arg</i>	Max Burst Rate in packets per second. Number range from=0 to=4882812

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

**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface port-channel <WORD> [fex <fex>]
(config-leaf-if)# storm-control unicast pps <> burst-rate <>
```

### storm-control unicast pps <arg> burst-rate <arg>

**Description:** Configure Storm Control in packet per second for unicast

**Syntax:**

<i>arg</i>	Burst Rate in packets per second. Number range from=0 to=4882812
burst-rate	Max Burst Rate in packets per second
<i>arg</i>	Max Burst Rate in packets per second. Number range from=0 to=4882812

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

**Command Path:**

```
# configure [['terminal', 't']]
(config)# vpc context leaf <101-4000> <101-4000> [fex <fex>]
(config-vpc)# interface vpc <WORD> [fex <fex>]
(config-vpc-if)# storm-control unicast pps <> burst-rate <>
```

# street-address

**street-address <WORD>**

**Description:** Street address of the site

**Syntax:**

<i>WORD</i>	The street address (Max Size 255) surrounded by quotes
-------------	--

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

**Command Path:**

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

**street-address <WORD>**

**Description:** Street address of the site

**Syntax:**

<i>WORD</i>	The street address (Max Size 255) surrounded by quotes
-------------	--

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

**Command Path:**

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

# subject

## subject <WORD>

**Description:** Set The fully qualified domain name or DN of the requesting device.

**Syntax:**

<WORD>	FQDN or DN of device (Max Size 64)
--------	------------------------------------

**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)# subject <WORD>
```

## subject <WORD>

**Description:** Configuration a subject on the contract

**Syntax:**

WORD	Name of the contract subject (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)# subject <WORD>
```

# subnet-ip

**subnet-ip** <WORD> [subnet-ctrl <ctrl>]

**Description:** Configure Subnet IP for a L4-17 Graph Connector.

**Syntax:**

<i>WORD</i>	Enter Subnet IP address (Max Size None)
<i>ctrl</i>	(Optional) Configure Subnet Control field for corresponding subnet-id

**Command Mode:** connector : Configure Connector for a Service Node

**Command Path:**

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# l4l7 graph <WORD> [contract <contract-option>]
(config-graph)# service <WORD> [device-cluster-tenant <WORD>] [device-cluster <WORD>] [mode
<Available Modes>] [svcredir <Service Redirection>] [service-type <Service Type>]
(config-service)# connector <WORD> [cluster-interface <WORD>]
(config-connector)# subnet-ip <WORD> [subnet-ctrl <ctrl>]
```

# subnet

**subnet** <WORD>

**Description:** Configure Private IP Subnet

**Syntax:**

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

**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)# subnet <WORD>
```

# summary-address

**summary-address** <IP-PREFIX/LEN>

**Description:** Route summarization

**Syntax:**

<i>IP-PREFIX/LEN</i>	Summarized ip
----------------------	---------------

**Command Mode:** vrf : Associate Router OSPF Policy with Tenant/VRF

**Command Path:**

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# router ospf default|multipod-internal
(config-leaf-ospf)# vrf member tenant <WORD> vrf <WORD>
(config-leaf-ospf-vrf)# summary-address <IP-PREFIX/LEN>
```

**summary-address** <IP-PREFIX/LEN>

**Description:** Route summarization

**Syntax:**

<i>IP-PREFIX/LEN</i>	Summarized ip
----------------------	---------------

**Command Mode:** vrf : Associate Router OSPF Policy with Tenant/VRF

**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# router ospf default|multipod-internal
(config-leaf-ospf)# vrf member tenant <WORD> vrf <WORD>
(config-leaf-ospf-vrf)# summary-address <IP-PREFIX/LEN>
```



# svcredir-pol

**svcredir-pol tenant <tenant> name <WORD>**

**Description:** Configure Service Redirection Policy for a L4-L7 Graph Connector.

**Syntax:**

tenant	Tenant in which the service redirection policy is available
<tenant>	Tenant in which the service redirection policy is available
name	Service redirection policy name
WORD	Service redirection policy name (Max Size 64)

**Command Mode:** connector : Configure Connector for a Service Node

**Command Path:**

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# 1417 graph <WORD> [contract <contract-option>]
(config-graph)# service <WORD> [device-cluster-tenant <WORD>] [device-cluster <WORD>] [mode
<Available Modes>] [svcredir <Service Redirection>] [service-type <Service Type>]
(config-service)# connector <WORD> [cluster-interface <WORD>]
(config-connector)# svcredir-pol tenant <tenant> name <WORD>
```

**svcredir-pol <WORD>**

**Description:** Configure L4L7 service redirection policy

**Syntax:**

WORD	service redirection policy name (Max Size 64)
------	---

**Command Mode:** tenant : Tenant configuration mode

**Command Path:**

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# svcredir-pol <WORD>
```

# switch-group

**switch-group** <WORD>

**Description:** Create switch firmware upgrade policy

**Syntax:**

<i>WORD</i>	switch-group name (Max Size 64)
-------------	---------------------------------

**Command Mode:** firmware : Firmware upgrade configuration Mode

**Command Path:**

```
# configure [['terminal', 't']]
(config)# firmware
(config-firmware)# switch-group <WORD>
```

# switch

## switch

**Description:** Add switches to switch group

**Syntax:**

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

**Command Mode:** switch-group : Create switch firmware upgrade policy

**Command Path:**

```
# configure [['terminal', 't']]
(config)# firmware
(config-firmware)# switch-group <WORD>
(config-firmware-switch)# switch
```

## switch

**Description:** Configure Leaf Node

**Syntax:**

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

**Command Mode:** configure : Configuration Mode

**Command Path:**

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

## switch

**Description:** Add switches to zone

**Syntax:**

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

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

**Command Path:**

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

# switching-mode

## switching-mode native|AVE

**Description:** Configure Switching Mode

### Syntax:

native	Switching Mode Native
AVE	Switching Mode AVE

**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>]
[delimiter <WORD>]
(config-tenant-app-epg-domain)# switching-mode native|AVE
```

# switching

## switching mode vlan|vxlan|vxlan-ns

**Description:** Configure switching mode.

**Syntax:**

mode	switching Mode
vlan	VLAN/SW Mode
vxlan	VXLAN/SW Mode
vxlan-ns	VXLAN/HW Mode

**Command Mode:** configure-avs : Configure a VMWare Domain as AVS (N1K) type

**Command Path:**

```
# configure [['terminal', 't']]
(config)# vmware-domain <WORD> [delimiter <WORD>] [access-mode <access-mode>]
(config-vmware)# configure-avs
(config-vmware-avs)# switching mode vlan|vxlan|vxlan-ns
```

## switching mode vlan|vxlan|vxlan-ns

**Description:** Configure switching mode.

**Syntax:**

mode	switching Mode
vlan	VLAN/SW Mode
vxlan	VXLAN/SW Mode
vxlan-ns	VXLAN/HW Mode

**Command Mode:** configure-ave : Configure a Cisco AVE domain

**Command Path:**

```
# configure [['terminal', 't']]
(config)# vmware-domain <WORD> [delimiter <WORD>] [access-mode <access-mode>]
(config-vmware)# configure-ave
(config-vmware-ave)# switching mode vlan|vxlan|vxlan-ns
```

# switchport

## switchport

**Description:** Configure switchport parameters

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

**Command Path:**

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

## switchport

**Description:** Configure switchport parameters

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

**Command Path:**

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

## switchport

**Description:** Configure switchport parameters

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

**Command Path:**

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

## switchport

**Description:** Configure switchport parameters

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

**Command Path:**

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

**switchport**

**Description:** Configure switchport parameters

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

**Command Path:**

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

# switchport access vlan tenant application

**switchport access vlan <NUMBER> tenant <WORD> application <WORD> epg <WORD>**

**Description:** Application Name

**Syntax:**

vlan	Encapsulation Vlan
<1-4094>	Encapsulation Vlan. Number range from=1 to=4094
WORD	Tenant hosting the EPg (Max Size 63)
WORD	Application Name (Max Size 64)
epg	EPg that uses the statically enabled Encap
WORD	EPg that uses the statically enabled Encap (Max Size 64)

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

**Command Path:**

```
# configure [['terminal', 't']]
(config)# template policy-group <WORD>
(config-pol-grp-if)# switchport access vlan <NUMBER> tenant <WORD> application <WORD> epg
<WORD>
```

**switchport access vlan <NUMBER> tenant <WORD> application <WORD> epg <WORD>**

**Description:** Application Name

**Syntax:**

vlan	Encapsulation Vlan
<1-4094>	Encapsulation Vlan. Number range from=1 to=4094
WORD	Tenant hosting the EPg (Max Size 63)
WORD	Application Name (Max Size 64)
epg	EPg that uses the statically enabled Encap
WORD	EPg that uses the statically enabled Encap (Max Size 64)

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

**Command Path:**

```
# configure [['terminal', 't']]
(config)# template port-channel <WORD>
(config-po-ch-if)# switchport access vlan <NUMBER> tenant <WORD> application <WORD> epg
```



&lt;WORD&gt;

**switchport access vlan <NUMBER> tenant <WORD> application <WORD> epg <WORD>****Description:** Application Name**Syntax:**

vlan	Access Vlan
<1-4094>	Access Vlan. Number range from=1 to=4094
tenant	Tenant hosting the AEPg
WORD	Tenant hosting the AEPg (Max Size 63)
WORD	Application Name (Max Size 64)
epg	EPg that uses the statically enabled Encap
WORD	EPg that uses the statically enabled Encap (Max Size 64)

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

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface ethernet <ifRange>
(config-leaf-if)# switchport access vlan <NUMBER> tenant <WORD> application <WORD> epg
<WORD>
```

**switchport access vlan <NUMBER> tenant <WORD> application <WORD> epg <WORD>****Description:** Application Name**Syntax:**

vlan	Access Vlan
<1-4094>	Access Vlan. Number range from=1 to=4094
tenant	Tenant hosting the AEPg
WORD	Tenant hosting the AEPg (Max Size 63)
WORD	Application Name (Max Size 64)
epg	EPg that uses the statically enabled Encap
WORD	EPg that uses the statically enabled Encap (Max Size 64)

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

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface port-channel <WORD> [fex <fex>]
(config-leaf-if)# switchport access vlan <NUMBER> tenant <WORD> application <WORD> epg
<WORD>
```

**switchport access vlan <NUMBER> tenant <WORD> application <WORD> epg <WORD>**

**Description:** Application Name

**Syntax:**

vlan	Access Vlan
<1-4094>	Access Vlan. Number range from=1 to=4094
tenant	Tenant hosting the AEPg
WORD	Tenant hosting the AEPg (Max Size 63)
WORD	Application Name (Max Size 64)
epg	EPg that uses the statically enabled Encap
WORD	EPg that uses the statically enabled Encap (Max Size 64)

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

**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface ethernet <ifRange>
(config-leaf-if)# switchport access vlan <NUMBER> tenant <WORD> application <WORD> epg
<WORD>
```

**switchport access vlan <NUMBER> tenant <WORD> application <WORD> epg <WORD>**

**Description:** Application Name

**Syntax:**

vlan	Access Vlan
<1-4094>	Access Vlan. Number range from=1 to=4094
tenant	Tenant hosting the AEPg
WORD	Tenant hosting the AEPg (Max Size 63)
WORD	Application Name (Max Size 64)
epg	EPg that uses the statically enabled Encap
WORD	EPg that uses the statically enabled Encap (Max Size 64)

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

**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface port-channel <WORD> [fex <fex>]
(config-leaf-if)# switchport access vlan <NUMBER> tenant <WORD> application <WORD> epg
<WORD>
```

**switchport access vlan <NUMBER> tenant <WORD> application <WORD> epg <WORD>**

**Description:** Application Name

**Syntax:**

vlan	Access Vlan
<1-4094>	Access Vlan. Number range from=1 to=4094
tenant	Tenant hosting the AEPg
WORD	Tenant hosting the AEPg (Max Size 63)
WORD	Application Name (Max Size 64)
epg	EPg that uses the statically enabled Encap
WORD	EPg that uses the statically enabled Encap (Max Size 64)

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

**Command Path:**

```
# configure [['terminal', 't']]
(config)# vpc context leaf <101-4000> <101-4000> [fex <fex>]
(config-vpc)# interface vpc <WORD> [fex <fex>]
(config-vpc-if)# switchport access vlan <NUMBER> tenant <WORD> application <WORD> epg <WORD>
```

## switchport access vlan tenant external-svi

**switchport access vlan <NUMBER> tenant <WORD> external-svi [l3out] WORD**

**Description:** Associate SVI to the L2 Access Interface

**Syntax:**

vlan	Access Vlan
<1-4094>	Access Vlan. Number range from=1 to=4094
tenant	Tenant hosting the AEPg
WORD	Tenant hosting the AEPg (Max Size 63)
l3out	(Optional) Specify one or more l3extOut to add SVI interface
WORD	l3extOut Name

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

**Command Path:**

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface ethernet <ifRange>
(config-leaf-if)# switchport access vlan <NUMBER> tenant <WORD> external-svi [l3out] WORD
```

**switchport access vlan <NUMBER> tenant <WORD> external-svi [l3out] WORD**

**Description:** Associate SVI to Access L2 Interface

**Syntax:**

vlan	Access Vlan
<1-4094>	Access Vlan. Number range from=1 to=4094
tenant	Tenant hosting the AEPg
WORD	Tenant hosting the AEPg (Max Size 63)
l3out	(Optional) Specify one or more l3extOut to add SVI interface
WORD	l3extOut Name

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

**Command Path:**

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

```
(config-leaf-if)# switchport access vlan <NUMBER> tenant <WORD> external-svi [l3out] WORD
```

### switchport access vlan <NUMBER> tenant <WORD> external-svi [l3out] WORD

**Description:** Associate SVI to the L2 Access Interface

**Syntax:**

vlan	Access Vlan
<1-4094>	Access Vlan. Number range from=1 to=4094
tenant	Tenant hosting the AEPg
WORD	Tenant hosting the AEPg (Max Size 63)
l3out	(Optional) Specify one or more l3extOut to add SVI interface
WORD	l3extOut Name

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

**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface ethernet <ifRange>
(config-leaf-if)# switchport access vlan <NUMBER> tenant <WORD> external-svi [l3out] WORD
```

### switchport access vlan <NUMBER> tenant <WORD> external-svi [l3out] WORD

**Description:** Associate SVI to Access L2 Interface

**Syntax:**

vlan	Access Vlan
<1-4094>	Access Vlan. Number range from=1 to=4094
tenant	Tenant hosting the AEPg
WORD	Tenant hosting the AEPg (Max Size 63)
l3out	(Optional) Specify one or more l3extOut to add SVI interface
WORD	l3extOut Name

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

**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface port-channel <WORD> [fex <fex>]
(config-leaf-if)# switchport access vlan <NUMBER> tenant <WORD> external-svi [l3out] WORD
```

**switchport access vlan <NUMBER> tenant <WORD> external-svi [l3out] WORD****Description:** Associate SVI to Access L2 Interface**Syntax:**

vlan	Access Vlan
<1-4094>	Access Vlan. Number range from=1 to=4094
tenant	Tenant hosting the AEPg
WORD	Tenant hosting the AEPg (Max Size 63)
l3out	(Optional) Specify one or more l3extOut to add SVI interface
WORD	l3extOut Name

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

```
# configure [['terminal', 't']]
(config)# vpc context leaf <101-4000> <101-4000> [fex <fex>]
(config-vpc)# interface vpc <WORD> [fex <fex>]
(config-vpc-if)# switchport access vlan <NUMBER> tenant <WORD> external-svi [l3out] WORD
```

# switchport fill-pattern

## switchport fill-pattern <arg>

**Description:** Configure fill pattern for fc interface

**Syntax:**

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

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

**Command Path:**

```
# configure [['terminal', 't']]
(config)# template fc-policy-group <WORD>
(config-fc-pol-grp-if)# switchport fill-pattern <>
```

## switchport fill-pattern <arg>

**Description:** Configure Interface fillPattern

**Syntax:**

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

**Command Mode:** interface fc : FC Interface

**Command Path:**

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface fc <ifRange>
(config-leaf-fc-if)# switchport fill-pattern <>
```

## switchport fill-pattern <arg>

**Description:** Configure Interface fillPattern

**Syntax:**

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

**Command Mode:** interface fc : FC Interface

**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface fc <ifRange>
(config-leaf-fc-if)# switchport fill-pattern <>
```

# switchport fillpattern

**switchport fillpattern <arg>**

**Description:** Configure Interface fillPattern

**Syntax:**

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

**Command Mode:** interface fc-port-channel : FC Port Channel

**Command Path:**

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface fc-port-channel <WORD>
(config-leaf-fc-pc)# switchport fillpattern <>
```

**switchport fillpattern <arg>**

**Description:** Configure Interface fillPattern

**Syntax:**

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

**Command Mode:** interface fc-port-channel : FC Port Channel

**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface fc-port-channel <WORD>
(config-leaf-fc-pc)# switchport fillpattern <>
```



# switchport mode

## switchport mode <arg>

**Description:** Configure port mode for fc interface

**Syntax:**

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

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

**Command Path:**

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

## switchport mode <arg>

**Description:** Configure switchport mode for interface

**Syntax:**

<i>arg</i>	
arg	

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

**Command Path:**

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

## switchport mode <arg>

**Description:** Configure switchport mode for vfc interface

**Syntax:**

<i>arg</i>	
arg	

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

**Command Path:**

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

```
(config-po-ch-if)# switchport mode <>
```

### switchport mode dot1q-tunnel <arg>

**Description:** Tunnel Configuration

**Syntax:**

dot1q-tunnel	QinQ Tunnel Configuration
<i>arg</i>	

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

**Command Path:**

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface ethernet <ifRange>
(config-leaf-if)# switchport mode dot1q-tunnel <>
```

### switchport mode dot1q-tunnel <arg>

**Description:** Tunnel Configuration

**Syntax:**

dot1q-tunnel	QinQ Tunnel Configuration
<i>arg</i>	

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

**Command Path:**

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface port-channel <WORD> [fex <fex>]
(config-leaf-if)# switchport mode dot1q-tunnel <>
```

### switchport mode <arg>

**Description:** Configure switchport mode for vfc interface

**Syntax:**

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

**Command Mode:** interface vfc : Virtual Fiber Channel interface

**Command Path:**

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface vfc <ifRange>
```

```
(config-leaf-if)# switchport mode <>
```

### switchport mode <arg>

**Description:** Configure switchport mode for vfc interface

**Syntax:**

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

**Command Mode:** interface vfc-po : VFC Port Channel interface

**Command Path:**

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface vfc-po <WORD> [fex <fex>]
(config-leaf-if)# switchport mode <>
```

### switchport mode <arg>

**Description:** Configure Port Mode

**Syntax:**

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

**Command Mode:** interface fc : FC Interface

**Command Path:**

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface fc <ifRange>
(config-leaf-fc-if)# switchport mode <>
```

### switchport mode <arg>

**Description:** Configure Port Mode

**Syntax:**

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

**Command Mode:** interface fc-port-channel : FC Port Channel

**Command Path:**

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface fc-port-channel <WORD>
(config-leaf-fc-pc)# switchport mode <>
```

**switchport mode dot1q-tunnel <arg>****Description:** Tunnel Configuration**Syntax:**

dot1q-tunnel	QinQ Tunnel Configuration
<i>arg</i>	

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

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface ethernet <ifRange>
(config-leaf-if)# switchport mode dot1q-tunnel <>
```

**switchport mode dot1q-tunnel <arg>****Description:** Tunnel Configuration**Syntax:**

dot1q-tunnel	QinQ Tunnel Configuration
<i>arg</i>	

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

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface port-channel <WORD> [fex <fex>]
(config-leaf-if)# switchport mode dot1q-tunnel <>
```

**switchport mode <arg>****Description:** Configure switchport mode for vfc interface**Syntax:**

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

**Command Mode:** interface vfc : Virtual Fiber Channel interface**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface vfc <ifRange>
(config-leaf-if)# switchport mode <>
```

**switchport mode <arg>****Description:** Configure switchport mode for vfc interface**Syntax:**

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

**Command Mode:** interface vfc-po : VFC Port Channel interface**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface vfc-po <WORD> [fex <fex>]
(config-leaf-if)# switchport mode <>
```

**switchport mode <arg>****Description:** Configure Port Mode**Syntax:**

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

**Command Mode:** interface fc : FC Interface**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface fc <ifRange>
(config-leaf-fc-if)# switchport mode <>
```

**switchport mode <arg>****Description:** Configure Port Mode**Syntax:**

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

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

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface fc-port-channel <WORD>
(config-leaf-fc-pc)# switchport mode <>
```

**switchport mode <arg>****Description:** Configure switchport mode for interface**Syntax:**

<i>arg</i>	
arg	

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

**Command Path:**

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

# switchport port-authentication

**switchport port-authentication <WORD>**

**Description:** Port authentication configuration

**Syntax:**

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

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

**Command Path:**

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

# switchport port-authentication enable

## switchport port-authentication enable

**Description:** Set admin state to enabled

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

**Command Path:**

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface ethernet <ifRange>
(config-leaf-if)# switchport port-authentication enable
```

## switchport port-authentication enable

**Description:** Set admin state to enabled

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

**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface ethernet <ifRange>
(config-leaf-if)# switchport port-authentication enable
```



# switchport port-authentication host-mode

**switchport port-authentication host-mode <arg>**

**Description:** Set host mode

**Syntax:**

<i>arg</i>	Host mode
------------	-----------

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

**Command Path:**

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface ethernet <ifRange>
(config-leaf-if)# switchport port-authentication host-mode <>
```

**switchport port-authentication host-mode <arg>**

**Description:** Set host mode

**Syntax:**

<i>arg</i>	Host mode
------------	-----------

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

**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface ethernet <ifRange>
(config-leaf-if)# switchport port-authentication host-mode <>
```

# switchport port-authentication mac-auth

**switchport port-authentication mac-auth <WORD>**

**Description:** Set MAC Auth

**Syntax:**

<i>WORD</i>	MAC Auth Mode
-------------	---------------

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

**Command Path:**

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface ethernet <ifRange>
(config-leaf-if)# switchport port-authentication mac-auth <WORD>
```

**switchport port-authentication mac-auth <WORD>**

**Description:** Set MAC Auth

**Syntax:**

<i>WORD</i>	MAC Auth Mode
-------------	---------------

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

**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface ethernet <ifRange>
(config-leaf-if)# switchport port-authentication mac-auth <WORD>
```

# switchport port-authentication max-reauth-request

**switchport port-authentication max-reauth-request <1-10>**

**Description:** Set reauth request

**Syntax:**

<1-10>	Set reauth request
--------	--------------------

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

**Command Path:**

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface ethernet <ifRange>
(config-leaf-if)# switchport port-authentication max-reauth-request <1-10>
```

**switchport port-authentication max-reauth-request <1-10>**

**Description:** Set reauth request

**Syntax:**

<1-10>	Set reauth request
--------	--------------------

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

**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface ethernet <ifRange>
(config-leaf-if)# switchport port-authentication max-reauth-request <1-10>
```

# switchport port-authentication max-request

**switchport port-authentication max-request <2-10>**

**Description:** Set max request

**Syntax:**

<2-10>	Set max request
--------	-----------------

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

**Command Path:**

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface ethernet <ifRange>
(config-leaf-if)# switchport port-authentication max-request <2-10>
```

**switchport port-authentication max-request <2-10>**

**Description:** Set max request

**Syntax:**

<2-10>	Set max request
--------	-----------------

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

**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface ethernet <ifRange>
(config-leaf-if)# switchport port-authentication max-request <2-10>
```

# switchport port-authentication reauth-period

**switchport port-authentication reauth-period <30-2147483>**

**Description:** Set reauth period

**Syntax:**

<30-2147483>	Set reauth period
--------------	-------------------

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

**Command Path:**

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface ethernet <ifRange>
(config-leaf-if)# switchport port-authentication reauth-period <30-2147483>
```

**switchport port-authentication reauth-period <30-2147483>**

**Description:** Set reauth period

**Syntax:**

<30-2147483>	Set reauth period
--------------	-------------------

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

**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface ethernet <ifRange>
(config-leaf-if)# switchport port-authentication reauth-period <30-2147483>
```

# switchport port-authentication reauth

## switchport port-authentication reauth

**Description:** Set reauth request

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

**Command Path:**

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface ethernet <ifRange>
(config-leaf-if)# switchport port-authentication reauth
```

## switchport port-authentication reauth

**Description:** Set reauth request

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

**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface ethernet <ifRange>
(config-leaf-if)# switchport port-authentication reauth
```

# switchport port-authentication server-timeout

**switchport port-authentication server-timeout <4-65535>**

**Description:** Set server timeout

**Syntax:**

<4-65535>	Set server timeout
-----------	--------------------

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

**Command Path:**

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface ethernet <ifRange>
(config-leaf-if)# switchport port-authentication server-timeout <4-65535>
```

**switchport port-authentication server-timeout <4-65535>**

**Description:** Set server timeout

**Syntax:**

<4-65535>	Set server timeout
-----------	--------------------

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

**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface ethernet <ifRange>
(config-leaf-if)# switchport port-authentication server-timeout <4-65535>
```

# switchport port-authentication supp-timeout

**switchport port-authentication supp-timeout <4-65535>**

**Description:** Set supplicant timeout

**Syntax:**

<4-65535>	Set supplicant timeout
-----------	------------------------

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

**Command Path:**

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface ethernet <ifRange>
(config-leaf-if)# switchport port-authentication supp-timeout <4-65535>
```

**switchport port-authentication supp-timeout <4-65535>**

**Description:** Set supplicant timeout

**Syntax:**

<4-65535>	Set supplicant timeout
-----------	------------------------

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

**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface ethernet <ifRange>
(config-leaf-if)# switchport port-authentication supp-timeout <4-65535>
```



# switchport port-authentication tx-period

**switchport port-authentication tx-period <4-65535>**

**Description:** Set Tx period

**Syntax:**

<4-65535>	Set Tx period
-----------	---------------

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

**Command Path:**

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface ethernet <ifRange>
(config-leaf-if)# switchport port-authentication tx-period <4-65535>
```

**switchport port-authentication tx-period <4-65535>**

**Description:** Set Tx period

**Syntax:**

<4-65535>	Set Tx period
-----------	---------------

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

**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface ethernet <ifRange>
(config-leaf-if)# switchport port-authentication tx-period <4-65535>
```

# switchport port-security maximum

## switchport port-security maximum <count>

### Description:

### Syntax:

<i>count</i>	. Number range from=0 to=12000
--------------	--------------------------------

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

### Command Path:

```
# configure [['terminal', 't']]
(config)# template policy-group <WORD>
(config-pol-grp-if)# switchport port-security maximum <count>
```

## switchport port-security maximum <count>

### Description:

### Syntax:

<i>count</i>	. Number range from=0 to=12000
--------------	--------------------------------

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

### Command Path:

```
# configure [['terminal', 't']]
(config)# template port-channel <WORD>
(config-po-ch-if)# switchport port-security maximum <count>
```

## switchport port-security maximum <arg>

**Description:** Port-security configuration

### Syntax:

<i>arg</i>	. Number range from=0 to=12000
------------	--------------------------------

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

### Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface ethernet <ifRange>
(config-leaf-if)# switchport port-security maximum <>
```

**switchport port-security maximum <arg>****Description:** Port-security configuration**Syntax:**

<i>arg</i>	. Number range from=0 to=12000
------------	--------------------------------

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

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface port-channel <WORD> [fex <fex>]
(config-leaf-if)# switchport port-security maximum <>
```

**switchport port-security maximum <arg>****Description:** Port-security configuration**Syntax:**

<i>arg</i>	. Number range from=0 to=12000
------------	--------------------------------

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

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface ethernet <ifRange>
(config-leaf-if)# switchport port-security maximum <>
```

**switchport port-security maximum <arg>****Description:** Port-security configuration**Syntax:**

<i>arg</i>	. Number range from=0 to=12000
------------	--------------------------------

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

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface port-channel <WORD> [fex <fex>]
(config-leaf-if)# switchport port-security maximum <>
```

**switchport port-security maximum <arg>****Description:** Port-security configuration**Syntax:**

<i>arg</i>	. Number range from=0 to=12000
------------	--------------------------------

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

**Command Path:**

```
# configure [['terminal', 't']]
(config)# vpc context leaf <101-4000> <101-4000> [fex <fex>]
(config-vpc)# interface vpc <WORD> [fex <fex>]
(config-vpc-if)# switchport port-security maximum <>
```

# switchport port-security timeout

**switchport port-security timeout <count>**

**Description:**

**Syntax:**

<i>count</i>	. Number range from=60 to=3600
--------------	--------------------------------

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

**Command Path:**

```
# configure [['terminal', 't']]
(config)# template policy-group <WORD>
(config-pol-grp-if)# switchport port-security timeout <count>
```

**switchport port-security timeout <count>**

**Description:**

**Syntax:**

<i>count</i>	. Number range from=60 to=3600
--------------	--------------------------------

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

**Command Path:**

```
# configure [['terminal', 't']]
(config)# template port-channel <WORD>
(config-po-ch-if)# switchport port-security timeout <count>
```

**switchport port-security timeout <arg>**

**Description:** port-security configuration

**Syntax:**

<i>arg</i>	. Number range from=60 to=3600
------------	--------------------------------

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

**Command Path:**

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface ethernet <ifRange>
(config-leaf-if)# switchport port-security timeout <>
```

**switchport port-security timeout <arg>****Description:** port-security configuration**Syntax:**

<i>arg</i>	. Number range from=60 to=3600
------------	--------------------------------

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

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface port-channel <WORD> [fex <fex>]
(config-leaf-if)# switchport port-security timeout <>
```

**switchport port-security timeout <arg>****Description:** port-security configuration**Syntax:**

<i>arg</i>	. Number range from=60 to=3600
------------	--------------------------------

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

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface ethernet <ifRange>
(config-leaf-if)# switchport port-security timeout <>
```

**switchport port-security timeout <arg>****Description:** port-security configuration**Syntax:**

<i>arg</i>	. Number range from=60 to=3600
------------	--------------------------------

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

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface port-channel <WORD> [fex <fex>]
(config-leaf-if)# switchport port-security timeout <>
```

**switchport port-security timeout <arg>****Description:** port-security configuration**Syntax:**

<i>arg</i>	. Number range from=60 to=3600
------------	--------------------------------

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

**Command Path:**

```
# configure [['terminal', 't']]
(config)# vpc context leaf <101-4000> <101-4000> [fex <fex>]
(config-vpc)# interface vpc <WORD> [fex <fex>]
(config-vpc-if)# switchport port-security timeout <>
```

# switchport port-security violation

## switchport port-security violation protect

### Description:

### Syntax:

protect	
---------	--

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

### Command Path:

```
# configure [['terminal', 't']]
(config)# template policy-group <WORD>
(config-pol-grp-if)# switchport port-security violation protect
```

## switchport port-security violation protect

### Description:

### Syntax:

protect	
---------	--

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

### Command Path:

```
# configure [['terminal', 't']]
(config)# template port-channel <WORD>
(config-po-ch-if)# switchport port-security violation protect
```

## switchport port-security violation protect

**Description:** Port-security configuration

### Syntax:

protect	
---------	--

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

### Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface ethernet <ifRange>
(config-leaf-if)# switchport port-security violation protect
```



**switchport port-security violation protect****Description:** Port-security configuration**Syntax:**

protect	
---------	--

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

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface port-channel <WORD> [fex <fex>]
(config-leaf-if)# switchport port-security violation protect
```

**switchport port-security violation protect****Description:** Port-security configuration**Syntax:**

protect	
---------	--

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

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface ethernet <ifRange>
(config-leaf-if)# switchport port-security violation protect
```

**switchport port-security violation protect****Description:** Port-security configuration**Syntax:**

protect	
---------	--

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

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface port-channel <WORD> [fex <fex>]
(config-leaf-if)# switchport port-security violation protect
```

**switchport port-security violation protect****Description:** Port-security configuration**Syntax:**

protect	
---------	--

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

**Command Path:**

```
# configure [['terminal', 't']]
(config)# vpc context leaf <101-4000> <101-4000> [fex <fex>]
(config-vpc)# interface vpc <WORD> [fex <fex>]
(config-vpc-if)# switchport port-security violation protect
```

# switchport power-over-ethernet

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

**Description:** Power Over Ethernet configuration

**Syntax:**

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

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

**Command Path:**

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

# switchport power-over-ethernet consumption

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

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

**Syntax:**

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

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

**Command Path:**

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

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

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

**Syntax:**

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

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

**Command Path:**

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

# switchport power-over-ethernet epg

**switchport power-over-ethernet 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:** interface ethernet : Ethernet IEEE 802.3z

**Command Path:**

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface ethernet <ifRange>
(config-leaf-if)# switchport power-over-ethernet epg tenant <> application <> epg <>
```

**switchport power-over-ethernet 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:** interface ethernet : Ethernet IEEE 802.3z

**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface ethernet <ifRange>
```

```
(config-leaf-if)# switchport power-over-ethernet epg tenant <> application <> epg <>
```

# switchport power-over-ethernet max

**switchport power-over-ethernet max <4000-30000>**

**Description:** Set max power wattage for interface

**Syntax:**

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

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

**Command Path:**

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface ethernet <ifRange>
(config-leaf-if)# switchport power-over-ethernet max <4000-30000>
```

**switchport power-over-ethernet max <4000-30000>**

**Description:** Set max power wattage for interface

**Syntax:**

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

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

**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface ethernet <ifRange>
(config-leaf-if)# switchport power-over-ethernet max <4000-30000>
```

# switchport power-over-ethernet mode

**switchport power-over-ethernet mode <power mode>**

**Description:** Set mode

**Syntax:**

<i>power mode</i>	Power Mode
-------------------	------------

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

**Command Path:**

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface ethernet <ifRange>
(config-leaf-if)# switchport power-over-ethernet mode <power mode>
```

**switchport power-over-ethernet mode <power mode>**

**Description:** Set mode

**Syntax:**

<i>power mode</i>	Power Mode
-------------------	------------

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

**Command Path:**

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



# switchport power-over-ethernet policeact

**switchport power-over-ethernet policeact <arg>**

**Description:** Policing Action

**Syntax:**

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

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

**Command Path:**

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface ethernet <ifRange>
(config-leaf-if)# switchport power-over-ethernet policeact <>
```

**switchport power-over-ethernet policeact <arg>**

**Description:** Policing Action

**Syntax:**

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

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

**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface ethernet <ifRange>
(config-leaf-if)# switchport power-over-ethernet policeact <>
```

# switchport power-over-ethernet priority

**switchport power-over-ethernet priority <high|low>**

**Description:** Set port priority

**Syntax:**

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

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

**Command Path:**

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface ethernet <ifRange>
(config-leaf-if)# switchport power-over-ethernet priority <high|low>
```

**switchport power-over-ethernet priority <high|low>**

**Description:** Set port priority

**Syntax:**

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

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

**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface ethernet <ifRange>
(config-leaf-if)# switchport power-over-ethernet priority <high|low>
```

# switchport power-over-ethernet vlan

**switchport power-over-ethernet vlan <1-4094>**

**Description:** Vlan encapsulation for the Power Device

**Syntax:**

<1-4094>	Configure Vlan ID
----------	-------------------

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

**Command Path:**

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface ethernet <ifRange>
(config-leaf-if)# switchport power-over-ethernet vlan <1-4094>
```

**switchport power-over-ethernet vlan <1-4094>**

**Description:** Vlan encapsulation for the Power Device

**Syntax:**

<1-4094>	Configure Vlan ID
----------	-------------------

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

**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface ethernet <ifRange>
(config-leaf-if)# switchport power-over-ethernet vlan <1-4094>
```

# switchport rxbbcredit

## switchport rxbbcredit <arg>

**Description:** Configure rxBBCredit for fc interface

**Syntax:**

<i>arg</i>	Receive Buffer Credit. Number range from=16 to=64
------------	---

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

**Command Path:**

```
# configure [['terminal', 't']]
(config)# template fc-policy-group <WORD>
(config-fc-pol-grp-if)# switchport rxbbcredit <>
```

## switchport rxbbcredit <arg>

**Description:** Configure rxBBCredit for fc interface

**Syntax:**

<i>arg</i>	Receive Buffer Credit. Number range from=16 to=64
------------	---

**Command Mode:** interface fc : FC Interface

**Command Path:**

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface fc <ifRange>
(config-leaf-fc-if)# switchport rxbbcredit <>
```

## switchport rxbbcredit <arg>

**Description:** Configure rxBBCredit for fc interface

**Syntax:**

<i>arg</i>	Receive Buffer Credit. Number range from=16 to=64
------------	---

**Command Mode:** interface fc-port-channel : FC Port Channel

**Command Path:**

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface fc-port-channel <WORD>
(config-leaf-fc-pc)# switchport rxbbcredit <>
```

**switchport rxbbcredit <arg>****Description:** Configure rxBBCredit for fc interface**Syntax:**

<i>arg</i>	Receive Buffer Credit. Number range from=16 to=64
------------	---

**Command Mode:** interface fc : FC Interface**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface fc <ifRange>
(config-leaf-fc-if)# switchport rxbbcredit <>
```

**switchport rxbbcredit <arg>****Description:** Configure rxBBCredit for fc interface**Syntax:**

<i>arg</i>	Receive Buffer Credit. Number range from=16 to=64
------------	---

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

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface fc-port-channel <WORD>
(config-leaf-fc-pc)# switchport rxbbcredit <>
```

# switchport speed

## switchport speed <arg>

**Description:** Configure speed for fc interface

### Syntax:

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

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

### Command Path:

```
# configure [['terminal', 't']]
(config)# template fc-policy-group <WORD>
(config-fc-pol-grp-if)# switchport speed <>
```

## switchport speed <interfaceSpeed>

**Description:** Configure Interface Speed

### Syntax:

<interfaceSpeed>	Interface Speed Policy
------------------	------------------------

**Command Mode:** interface fc : FC Interface

### Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface fc <ifRange>
(config-leaf-fc-if)# switchport speed <interfaceSpeed>
```

## switchport speed <interfaceSpeed>

**Description:** Configure Interface Speed

### Syntax:

<interfaceSpeed>	Interface Speed Policy
------------------	------------------------

**Command Mode:** interface fc-port-channel : FC Port Channel

### Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface fc-port-channel <WORD>
(config-leaf-fc-pc)# switchport speed <interfaceSpeed>
```

**switchport speed <interfaceSpeed>****Description:** Configure Interface Speed**Syntax:**

<interfaceSpeed>	Interface Speed Policy
------------------	------------------------

**Command Mode:** interface fc : FC Interface**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface fc <ifRange>
(config-leaf-fc-if)# switchport speed <interfaceSpeed>
```

**switchport speed <interfaceSpeed>****Description:** Configure Interface Speed**Syntax:**

<interfaceSpeed>	Interface Speed Policy
------------------	------------------------

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

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface fc-port-channel <WORD>
(config-leaf-fc-pc)# switchport speed <interfaceSpeed>
```

# switchport tenant

**switchport tenant <WORD> dot1q-tunnel <WORD>**

**Description:** dot1q-tunnel Configuration

**Syntax:**

<i>WORD</i>	Tenant hosting the EPg (Max Size 63)
dot1q-tunnel	Add an dot1q-tunnel
<i>WORD</i>	Tunnel EPG name (Max Size 64)

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

**Command Path:**

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface ethernet <ifRange>
(config-leaf-if)# switchport tenant <WORD> dot1q-tunnel <WORD>
```

**switchport tenant <WORD> dot1q-tunnel <WORD>**

**Description:** dot1q-tunnel Configuration

**Syntax:**

<i>WORD</i>	Tenant hosting the EPg (Max Size 63)
dot1q-tunnel	Add an dot1q-tunnel
<i>WORD</i>	Tunnel EPG name (Max Size 64)

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

**Command Path:**

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface port-channel <WORD> [fex <fex>]
(config-leaf-if)# switchport tenant <WORD> dot1q-tunnel <WORD>
```

**switchport tenant <WORD> dot1q-tunnel <WORD>**

**Description:** dot1q-tunnel Configuration

**Syntax:**

<i>WORD</i>	Tenant hosting the EPg (Max Size 63)
dot1q-tunnel	Add an dot1q-tunnel



<i>WORD</i>	Tunnel EPG name (Max Size 64)
-------------	-------------------------------

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

**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface ethernet <ifRange>
(config-leaf-if)# switchport tenant <WORD> dot1q-tunnel <WORD>
```

**switchport tenant <WORD> dot1q-tunnel <WORD>**

**Description:** dot1q-tunnel Configuration

**Syntax:**

<i>WORD</i>	Tenant hosting the EPg (Max Size 63)
dot1q-tunnel	Add an dot1q-tunnel
<i>WORD</i>	Tunnel EPG name (Max Size 64)

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

**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface port-channel <WORD> [fex <fex>]
(config-leaf-if)# switchport tenant <WORD> dot1q-tunnel <WORD>
```

**switchport tenant <WORD> dot1q-tunnel <WORD>**

**Description:** dot1q-tunnel Configuration

**Syntax:**

<i>WORD</i>	Tenant hosting the EPg (Max Size 63)
dot1q-tunnel	Add an dot1q-tunnel
<i>WORD</i>	Tunnel EPG name (Max Size 64)

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

**Command Path:**

```
# configure [['terminal', 't']]
(config)# vpc context leaf <101-4000> <101-4000> [fex <fex>]
(config-vpc)# interface vpc <WORD> [fex <fex>]
(config-vpc-if)# switchport tenant <WORD> dot1q-tunnel <WORD>
```

# switchport trunk-mode

## switchport trunk-mode <arg>

**Description:** Configure trunkMode for fc interface

### Syntax:

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

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

### Command Path:

```
# configure [['terminal', 't']]
(config)# template fc-policy-group <WORD>
(config-fc-pol-grp-if)# switchport trunk-mode <>
```

## switchport trunk-mode <arg>

**Description:** Configure Interface Trunking Mode

### Syntax:

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

**Command Mode:** interface fc : FC Interface

### Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface fc <ifRange>
(config-leaf-fc-if)# switchport trunk-mode <>
```

## switchport trunk-mode <arg>

**Description:** Configure Interface Trunking Mode

### Syntax:

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

**Command Mode:** interface fc : FC Interface

### Command Path:

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface fc <ifRange>
(config-leaf-fc-if)# switchport trunk-mode <>
```

# switchport trunk allowed vlan inband-mgmt

**switchport trunk allowed vlan <NUMBER> inband-mgmt <A.B.C.D/LEN>**

**Description:** Configure External L2 connectivity to inband Mnaagement

**Syntax:**

vlan	Encapsulation Vlan
<1-4094>	Encapsulation Vlan. Number range from=1 to=4094
A.B.C.D/LEN	Gateway IP Address for External Connectivity format x.x.x.x/m

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

**Command Path:**

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface ethernet <ifRange>
(config-leaf-if)# switchport trunk allowed vlan <NUMBER> inband-mgmt <A.B.C.D/LEN>
```

**switchport trunk allowed vlan <NUMBER> inband-mgmt <A.B.C.D/LEN>**

**Description:** Configure External L2 connectivity to inband Mnaagement

**Syntax:**

vlan	Encapsulation Vlan
<1-4094>	Encapsulation Vlan. Number range from=1 to=4094
A.B.C.D/LEN	Gateway IP Address for External Connectivity format x.x.x.x/m

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

**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface ethernet <ifRange>
(config-leaf-if)# switchport trunk allowed vlan <NUMBER> inband-mgmt <A.B.C.D/LEN>
```

# switchport trunk allowed vlan tenant application

**switchport trunk allowed vlan <NUMBER> tenant <WORD> application <WORD> epg <WORD>**

**Description:** Application Name

**Syntax:**

vlan	Encapsulation Vlan
<1-4094>	Encapsulation Vlan. Number range from=1 to=4094
WORD	Tenant hosting the EPg (Max Size 63)
WORD	Application Name (Max Size 64)
epg	EPg that uses the statically enabled Encap
WORD	EPg that uses the statically enabled Encap (Max Size 64)

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

**Command Path:**

```
# configure [['terminal', 't']]
(config)# template policy-group <WORD>
(config-pol-grp-if)# switchport trunk allowed vlan <NUMBER> tenant <WORD> application <WORD>
epg <WORD>
```

**switchport trunk allowed vlan <NUMBER> tenant <WORD> application <WORD> epg <WORD>**

**Description:** Application Name

**Syntax:**

vlan	Encapsulation Vlan
<1-4094>	Encapsulation Vlan. Number range from=1 to=4094
WORD	Tenant hosting the EPg (Max Size 63)
WORD	Application Name (Max Size 64)
epg	EPg that uses the statically enabled Encap
WORD	EPg that uses the statically enabled Encap (Max Size 64)

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

**Command Path:**

```
# configure [['terminal', 't']]
(config)# template port-channel <WORD>
(config-po-ch-if)# switchport trunk allowed vlan <NUMBER> tenant <WORD> application <WORD>
```

epg <WORD>

**switchport trunk allowed vlan <NUMBER> tenant <WORD> application <WORD> epg <WORD> [primary-vlan primary-vlan <evlan>]**

**Description:** Add an AEPg as static encap

**Syntax:**

vlan	Encapsulation Vlan
<1-4094>	Encapsulation Vlan. Number range from=1 to=4094
WORD	Tenant hosting the EPg (Max Size 63)
WORD	Application Name (Max Size 64)
epg	EPg that uses the statically enabled Encap
WORD	EPg that uses the statically enabled Encap (Max Size 64)
primary-vlan <evlan>	(Optional) Vlan for egress traffic when EPG isolation is enforced

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

**Command Path:**

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface ethernet <ifRange>
(config-leaf-if)# switchport trunk allowed vlan <NUMBER> tenant <WORD> application <WORD>
epg <WORD> [primary-vlan primary-vlan <evlan>]
```

**switchport trunk allowed vlan <NUMBER> tenant <WORD> application <WORD> epg <WORD>**

**Description:** Add an AEPg as static encap

**Syntax:**

vlan	Encapsulation Vlan
<1-4094>	Encapsulation Vlan. Number range from=1 to=4094
tenant	Tenant hosting the EPg
WORD	Tenant hosting the EPg (Max Size 63)
WORD	Application Name (Max Size 64)
epg	EPg that uses the statically enabled Encap
WORD	EPg that uses the statically enabled Encap (Max Size 64)

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

**Command Path:**

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface port-channel <WORD> [fex <fex>]
(config-leaf-if)# switchport trunk allowed vlan <NUMBER> tenant <WORD> application <WORD>
epg <WORD>
```

**switchport trunk allowed vlan <NUMBER> tenant <WORD> application <WORD> epg <WORD> [primary-vlan primary-vlan <evlan>]**

**Description:** Add an AEPg as static encap

**Syntax:**

vlan	Encapsulation Vlan
<1-4094>	Encapsulation Vlan. Number range from=1 to=4094
WORD	Tenant hosting the EPg (Max Size 63)
WORD	Application Name (Max Size 64)
epg	EPg that uses the statically enabled Encap
WORD	EPg that uses the statically enabled Encap (Max Size 64)
primary-vlan <evlan>	(Optional) Vlan for egress traffic when EPG isolation is enforced

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

**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface ethernet <ifRange>
(config-leaf-if)# switchport trunk allowed vlan <NUMBER> tenant <WORD> application <WORD>
epg <WORD> [primary-vlan primary-vlan <evlan>]
```

**switchport trunk allowed vlan <NUMBER> tenant <WORD> application <WORD> epg <WORD>**

**Description:** Add an AEPg as static encap

**Syntax:**

vlan	Encapsulation Vlan
<1-4094>	Encapsulation Vlan. Number range from=1 to=4094
tenant	Tenant hosting the EPg
WORD	Tenant hosting the EPg (Max Size 63)
WORD	Application Name (Max Size 64)
epg	EPg that uses the statically enabled Encap

<i>WORD</i>	EPg that uses the statically enabled Encap (Max Size 64)
-------------	--

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

**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface port-channel <WORD> [fex <fex>]
(config-leaf-if)# switchport trunk allowed vlan <NUMBER> tenant <WORD> application <WORD>
epg <WORD>
```

**switchport trunk allowed vlan <NUMBER> tenant <WORD> application <WORD> epg <WORD>**

**Description:** Add an AEPg as static encap

**Syntax:**

<1-4094>	Encapsulation Vlan. Number range from=1 to=4094
tenant	Tenant hosting the EPg
<i>WORD</i>	Tenant hosting the EPg (Max Size 63)
<i>WORD</i>	Application Name (Max Size 64)
epg	EPg that uses the statically enabled Encap
<i>WORD</i>	EPg that uses the statically enabled Encap (Max Size 64)

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

**Command Path:**

```
# configure [['terminal', 't']]
(config)# vpc context leaf <101-4000> <101-4000> [fex <fex>]
(config-vpc)# interface vpc <WORD> [fex <fex>]
(config-vpc-if)# switchport trunk allowed vlan <NUMBER> tenant <WORD> application <WORD>
epg <WORD>
```

# switchport trunk allowed vlan tenant external-l2

**switchport trunk allowed vlan <NUMBER> tenant <WORD> external-l2 epg <WORD>**

**Description:** Add a L2 external EPG on the interface

**Syntax:**

vlan	Encapsulation Vlan
<1-4094>	Encapsulation Vlan. Number range from=1 to=4094
WORD	Tenant hosting the EPg (Max Size 63)
epg	L2 external EPG name
WORD	L2 external EPG name (Max Size 64)

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

**Command Path:**

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface ethernet <ifRange>
(config-leaf-if)# switchport trunk allowed vlan <NUMBER> tenant <WORD> external-l2 epg
<WORD>
```

**switchport trunk allowed vlan <NUMBER> tenant <WORD> external-l2 epg <WORD>**

**Description:** Add a L2 external EPG on the interface

**Syntax:**

vlan	Encapsulation Vlan
<1-4094>	Encapsulation Vlan. Number range from=1 to=4094
tenant	Tenant hosting the EPg
WORD	Tenant hosting the EPg (Max Size 63)
epg	L2 external EPG name
WORD	L2 external EPG name (Max Size 64)

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

**Command Path:**

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface port-channel <WORD> [fex <fex>]
(config-leaf-if)# switchport trunk allowed vlan <NUMBER> tenant <WORD> external-l2 epg
```



&lt;WORD&gt;

**switchport trunk allowed vlan <NUMBER> tenant <WORD> external-l2 epg <WORD>****Description:** Add a L2 external EPG on the interface**Syntax:**

vlan	Encapsulation Vlan
<1-4094>	Encapsulation Vlan. Number range from=1 to=4094
WORD	Tenant hosting the EPg (Max Size 63)
epg	L2 external EPG name
WORD	L2 external EPG name (Max Size 64)

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

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface ethernet <ifRange>
(config-leaf-if)# switchport trunk allowed vlan <NUMBER> tenant <WORD> external-l2 epg
<WORD>
```

**switchport trunk allowed vlan <NUMBER> tenant <WORD> external-l2 epg <WORD>****Description:** Add a L2 external EPG on the interface**Syntax:**

vlan	Encapsulation Vlan
<1-4094>	Encapsulation Vlan. Number range from=1 to=4094
tenant	Tenant hosting the EPg
WORD	Tenant hosting the EPg (Max Size 63)
epg	L2 external EPG name
WORD	L2 external EPG name (Max Size 64)

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

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface port-channel <WORD> [fex <fex>]
(config-leaf-if)# switchport trunk allowed vlan <NUMBER> tenant <WORD> external-l2 epg
<WORD>
```

**switchport trunk allowed vlan <NUMBER> tenant <WORD> external-l2 epg <WORD>**

**Description:** Add a L2 external EPG on the interface

**Syntax:**

<1-4094>	Encapsulation Vlan. Number range from=1 to=4094
tenant	Tenant hosting the EPg
WORD	Tenant hosting the EPg (Max Size 63)
epg	L2 external EPG name
WORD	L2 external EPG name (Max Size 64)

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

**Command Path:**

```
# configure [['terminal', 't']]
(config)# vpc context leaf <101-4000> <101-4000> [fex <fex>]
(config-vpc)# interface vpc <WORD> [fex <fex>]
(config-vpc-if)# switchport trunk allowed vlan <NUMBER> tenant <WORD> external-l2 epg <WORD>
```

# switchport trunk allowed vlan tenant external-svi

**switchport trunk allowed vlan <NUMBER> tenant <WORD> external-svi [l3out] WORD**

**Description:** Associate SVI to the L2 Interface

**Syntax:**

vlan	Encapsulation Vlan
<1-4094>	Encapsulation Vlan. Number range from=1 to=4094
WORD	Tenant hosting the EPg (Max Size 63)
l3out	(Optional) Specify one or more l3extOut to add SVI interface
WORD	l3extOut Name

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

**Command Path:**

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface ethernet <ifRange>
(config-leaf-if)# switchport trunk allowed vlan <NUMBER> tenant <WORD> external-svi [l3out]
WORD
```

**switchport trunk allowed vlan <NUMBER> tenant <WORD> external-svi [l3out] WORD**

**Description:** Associate SVI to the L2 Interface

**Syntax:**

vlan	Encapsulation Vlan
<1-4094>	Encapsulation Vlan. Number range from=1 to=4094
tenant	Tenant hosting the EPg
WORD	Tenant hosting the EPg (Max Size 63)
l3out	(Optional) Specify one or more l3extOut to add SVI interface
WORD	l3extOut Name

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

**Command Path:**

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface port-channel <WORD> [fex <fex>]
(config-leaf-if)# switchport trunk allowed vlan <NUMBER> tenant <WORD> external-svi [l3out]
```

WORD

**switchport trunk allowed vlan <NUMBER> tenant <WORD> external-svi [l3out] WORD****Description:** Associate SVI to the L2 Interface**Syntax:**

vlan	Encapsulation Vlan
<1-4094>	Encapsulation Vlan. Number range from=1 to=4094
WORD	Tenant hosting the EPg (Max Size 63)
l3out	(Optional) Specify one or more l3extOut to add SVI interface
WORD	l3extOut Name

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

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface ethernet <ifRange>
(config-leaf-if)# switchport trunk allowed vlan <NUMBER> tenant <WORD> external-svi [l3out]
WORD
```

**switchport trunk allowed vlan <NUMBER> tenant <WORD> external-svi [l3out] WORD****Description:** Associate SVI to the L2 Interface**Syntax:**

vlan	Encapsulation Vlan
<1-4094>	Encapsulation Vlan. Number range from=1 to=4094
tenant	Tenant hosting the EPg
WORD	Tenant hosting the EPg (Max Size 63)
l3out	(Optional) Specify one or more l3extOut to add SVI interface
WORD	l3extOut Name

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

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface port-channel <WORD> [fex <fex>]
(config-leaf-if)# switchport trunk allowed vlan <NUMBER> tenant <WORD> external-svi [l3out]
WORD
```

**switchport trunk allowed vlan <NUMBER> tenant <WORD> external-svi [l3out] WORD****Description:** Associate SVI to the L2 Interface**Syntax:**

<1-4094>	Encapsulation Vlan. Number range from=1 to=4094
tenant	Tenant hosting the EPg
WORD	Tenant hosting the EPg (Max Size 63)
l3out	(Optional) Specify one or more l3extOut to add SVI interface
WORD	l3extOut Name

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

```
# configure [['terminal', 't']]
(config)# vpc context leaf <101-4000> <101-4000> [fex <fex>]
(config-vpc)# interface vpc <WORD> [fex <fex>]
(config-vpc-if)# switchport trunk allowed vlan <NUMBER> tenant <WORD> external-svi [l3out]
WORD
```

# switchport trunk allowed vlan tenant legacy-forwarding

**switchport trunk allowed vlan <NUMBER> tenant <WORD> legacy-forwarding**

**Description:** Add legacy forwarding on the vlan supplied

**Syntax:**

vlan	Encapsulation Vlan
<1-4094>	Encapsulation Vlan. Number range from=1 to=4094
WORD	Tenant hosting the EPg (Max Size 63)

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

**Command Path:**

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface ethernet <ifRange>
(config-leaf-if)# switchport trunk allowed vlan <NUMBER> tenant <WORD> legacy-forwarding
```

**switchport trunk allowed vlan <NUMBER> tenant <WORD> legacy-forwarding**

**Description:** Add legacy forwarding on the vlan supplied

**Syntax:**

vlan	Encapsulation Vlan
<1-4094>	Encapsulation Vlan. Number range from=1 to=4094
tenant	Tenant hosting the EPg
WORD	Tenant hosting the EPg (Max Size 63)

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

**Command Path:**

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface port-channel <WORD> [fex <fex>]
(config-leaf-if)# switchport trunk allowed vlan <NUMBER> tenant <WORD> legacy-forwarding
```

**switchport trunk allowed vlan <NUMBER> tenant <WORD> legacy-forwarding**

**Description:** Add legacy forwarding on the vlan supplied

**Syntax:**

vlan	Encapsulation Vlan
------	--------------------

<1-4094>	Encapsulation Vlan. Number range from=1 to=4094
WORD	Tenant hosting the EPg (Max Size 63)

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

**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface ethernet <ifRange>
(config-leaf-if)# switchport trunk allowed vlan <NUMBER> tenant <WORD> legacy-forwarding
```

### switchport trunk allowed vlan <NUMBER> tenant <WORD> legacy-forwarding

**Description:** Add legacy forwarding on the vlan supplied

**Syntax:**

vlan	Encapsulation Vlan
<1-4094>	Encapsulation Vlan. Number range from=1 to=4094
tenant	Tenant hosting the EPg
WORD	Tenant hosting the EPg (Max Size 63)

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

**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface port-channel <WORD> [fex <fex>]
(config-leaf-if)# switchport trunk allowed vlan <NUMBER> tenant <WORD> legacy-forwarding
```

### switchport trunk allowed vlan <NUMBER> tenant <WORD> legacy-forwarding

**Description:** Add legacy forwarding on the vlan supplied

**Syntax:**

<1-4094>	Encapsulation Vlan. Number range from=1 to=4094
tenant	Tenant hosting the EPg
WORD	Tenant hosting the EPg (Max Size 63)

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

**Command Path:**

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

```
(config-vpc-if)# switchport trunk allowed vlan <NUMBER> tenant <WORD> legacy-forwarding
```



# switchport trunk allowed vsan tenant application

**switchport trunk allowed vsan <vsan-id> tenant <WORD> application <WORD> epg <WORD>**

**Description:** Add an AEPg as static encap

**Syntax:**

vsan	Encapsulation vsan
<i>vsan-id</i>	VSAN Id. Number range from=1 to=4093
<i>WORD</i>	Tenant hosting the EPg (Max Size 63)
<i>WORD</i>	Application Name (Max Size 64)
epg	EPg that uses the statically enabled Encap
<i>WORD</i>	EPg that uses the statically enabled Encap (Max Size 64)

**Command Mode:** interface vfc : Virtual Fiber Channel interface

**Command Path:**

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface vfc <ifRange>
(config-leaf-if)# switchport trunk allowed vsan <vsan-id> tenant <WORD> application <WORD>
epg <WORD>
```

**switchport trunk allowed vsan <vsan-id> tenant <WORD> application <WORD> epg <WORD>**

**Description:** Add an AEPg as static encap

**Syntax:**

vsan	Encapsulation vsan
<i>vsan-id</i>	VSAN Id. Number range from=1 to=4093
<i>WORD</i>	Tenant hosting the EPg (Max Size 63)
<i>WORD</i>	Application Name (Max Size 64)
epg	EPg that uses the statically enabled Encap
<i>WORD</i>	EPg that uses the statically enabled Encap (Max Size 64)

**Command Mode:** interface vfc-po : VFC Port Channel interface

**Command Path:**

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
```

```
(config-leaf)# interface vfc-po <WORD> [fex <fex>]
(config-leaf-if)# switchport trunk allowed vsan <vsan-id> tenant <WORD> application <WORD>
epg <WORD>
```

### switchport trunk allowed vsan <vsan-id> tenant <WORD> application <WORD> epg <WORD>

**Description:** Add an AEPg as static encap

#### Syntax:

vsan	Encap vsan
<i>vsan-id</i>	VSAN Id. Number range from=1 to=4093
<i>WORD</i>	Tenant hosting the EPg (Max Size 63)
<i>WORD</i>	Application Name (Max Size 64)
epg	EPg that uses the statically enabled Encap
<i>WORD</i>	EPg that uses the statically enabled Encap (Max Size 64)

**Command Mode:** interface fc : FC Interface

#### Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface fc <ifRange>
(config-leaf-fc-if)# switchport trunk allowed vsan <vsan-id> tenant <WORD> application
<WORD> epg <WORD>
```

### switchport trunk allowed vsan <vsan-id> tenant <WORD> application <WORD> epg <WORD>

**Description:** Add an AEPg as static encap

#### Syntax:

vsan	Encapsulation vsan
<i>vsan-id</i>	VSAN Id. Number range from=1 to=4093
<i>WORD</i>	Tenant hosting the EPg (Max Size 63)
<i>WORD</i>	Application Name (Max Size 64)
epg	EPg that uses the statically enabled Encap
<i>WORD</i>	EPg that uses the statically enabled Encap (Max Size 64)

**Command Mode:** interface fc-port-channel : FC Port Channel

#### Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
```

```
(config-leaf)# interface fc-port-channel <WORD>
(config-leaf-fc-pc)# switchport trunk allowed vsan <vsan-id> tenant <WORD> application
<WORD> epg <WORD>
```

**switchport trunk allowed vsan <vsan-id> tenant <WORD> application <WORD> epg <WORD>**

**Description:** Add an AEPg as static encap

**Syntax:**

vsan	Encapsulation vsan
<i>vsan-id</i>	VSAN Id. Number range from=1 to=4093
<i>WORD</i>	Tenant hosting the EPg (Max Size 63)
<i>WORD</i>	Application Name (Max Size 64)
epg	EPg that uses the statically enabled Encap
<i>WORD</i>	EPg that uses the statically enabled Encap (Max Size 64)

**Command Mode:** interface vfc : Virtual Fiber Channel interface

**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface vfc <ifRange>
(config-leaf-if)# switchport trunk allowed vsan <vsan-id> tenant <WORD> application <WORD>
epg <WORD>
```

**switchport trunk allowed vsan <vsan-id> tenant <WORD> application <WORD> epg <WORD>**

**Description:** Add an AEPg as static encap

**Syntax:**

vsan	Encapsulation vsan
<i>vsan-id</i>	VSAN Id. Number range from=1 to=4093
<i>WORD</i>	Tenant hosting the EPg (Max Size 63)
<i>WORD</i>	Application Name (Max Size 64)
epg	EPg that uses the statically enabled Encap
<i>WORD</i>	EPg that uses the statically enabled Encap (Max Size 64)

**Command Mode:** interface vfc-po : VFC Port Channel interface

**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
```

```
(config-spine)# interface vfc-po <WORD> [fex <fex>]
(config-leaf-if)# switchport trunk allowed vsan <vsan-id> tenant <WORD> application <WORD>
epg <WORD>
```

**switchport trunk allowed vsan <vsan-id> tenant <WORD> application <WORD> epg <WORD>**

**Description:** Add an AEPg as static encap

**Syntax:**

vsan	Encap vsan
<i>vsan-id</i>	VSAN Id. Number range from=1 to=4093
<i>WORD</i>	Tenant hosting the EPg (Max Size 63)
<i>WORD</i>	Application Name (Max Size 64)
epg	EPg that uses the statically enabled Encap
<i>WORD</i>	EPg that uses the statically enabled Encap (Max Size 64)

**Command Mode:** interface fc : FC Interface

**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface fc <ifRange>
(config-leaf-fc-if)# switchport trunk allowed vsan <vsan-id> tenant <WORD> application
<WORD> epg <WORD>
```

**switchport trunk allowed vsan <vsan-id> tenant <WORD> application <WORD> epg <WORD>**

**Description:** Add an AEPg as static encap

**Syntax:**

vsan	Encapsulation vsan
<i>vsan-id</i>	VSAN Id. Number range from=1 to=4093
<i>WORD</i>	Tenant hosting the EPg (Max Size 63)
<i>WORD</i>	Application Name (Max Size 64)
epg	EPg that uses the statically enabled Encap
<i>WORD</i>	EPg that uses the statically enabled Encap (Max Size 64)

**Command Mode:** interface fc-port-channel : FC Port Channel

**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
```

```
(config-spine)# interface fc-port-channel <WORD>  
(config-leaf-fc-pc)# switchport trunk allowed vsan <vsan-id> tenant <WORD> application  
<WORD> epg <WORD>
```

# switchport trunk native vlan tenant application

**switchport trunk native vlan <NUMBER> tenant <WORD> application <WORD> epg <WORD>**

**Description:** Application Name

**Syntax:**

vlan	Encapsulation Vlan
<1-4094>	Encapsulation Vlan. Number range from=1 to=4094
WORD	Tenant hosting the EPg (Max Size 63)
WORD	Application Name (Max Size 64)
epg	EPg that uses the statically enabled Encap
WORD	EPg that uses the statically enabled Encap (Max Size 64)

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

**Command Path:**

```
# configure [['terminal', 't']]
(config)# template policy-group <WORD>
(config-pol-grp-if)# switchport trunk native vlan <NUMBER> tenant <WORD> application <WORD>
epg <WORD>
```

**switchport trunk native vlan <NUMBER> tenant <WORD> application <WORD> epg <WORD>**

**Description:** Application Name

**Syntax:**

vlan	Encapsulation Vlan
<1-4094>	Encapsulation Vlan. Number range from=1 to=4094
WORD	Tenant hosting the EPg (Max Size 63)
WORD	Application Name (Max Size 64)
epg	EPg that uses the statically enabled Encap
WORD	EPg that uses the statically enabled Encap (Max Size 64)

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

**Command Path:**

```
# configure [['terminal', 't']]
(config)# template port-channel <WORD>
(config-po-ch-if)# switchport trunk native vlan <NUMBER> tenant <WORD> application <WORD>
```

epg <WORD>

**switchport trunk native vlan <NUMBER> tenant <WORD> application <WORD> epg <WORD>**

**Description:** Application hosting the AEPg

**Syntax:**

vlan	Native Vlan
<1-4094>	Native Vlan. Number range from=1 to=4094
tenant	Tenant hosting the AEPg
WORD	Tenant hosting the AEPg (Max Size 63)
WORD	Application Name (Max Size 64)
epg	EPg that uses the statically enabled Encap
WORD	EPg that uses the statically enabled Encap (Max Size 64)

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

**Command Path:**

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface ethernet <ifRange>
(config-leaf-if)# switchport trunk native vlan <NUMBER> tenant <WORD> application <WORD>
epg <WORD>
```

**switchport trunk native vlan <NUMBER> tenant <WORD> application <WORD> epg <WORD>**

**Description:** Application hosting the AEPg

**Syntax:**

vlan	Native Vlan
<1-4094>	Native Vlan. Number range from=1 to=4094
tenant	Tenant hosting the AEPg
WORD	Tenant hosting the AEPg (Max Size 63)
WORD	Application Name (Max Size 64)
epg	EPg that uses the statically enabled Encap
WORD	EPg that uses the statically enabled Encap (Max Size 64)

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

**Command Path:**

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface port-channel <WORD> [fex <fex>]
(config-leaf-if)# switchport trunk native vlan <NUMBER> tenant <WORD> application <WORD>
epg <WORD>
```

**switchport trunk native vlan <NUMBER> tenant <WORD> application <WORD> epg <WORD>**

**Description:** Application hosting the AEPg

**Syntax:**

vlan	Native Vlan
<1-4094>	Native Vlan. Number range from=1 to=4094
tenant	Tenant hosting the AEPg
WORD	Tenant hosting the AEPg (Max Size 63)
WORD	Application Name (Max Size 64)
epg	EPg that uses the statically enabled Encap
WORD	EPg that uses the statically enabled Encap (Max Size 64)

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

**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface ethernet <ifRange>
(config-leaf-if)# switchport trunk native vlan <NUMBER> tenant <WORD> application <WORD>
epg <WORD>
```

**switchport trunk native vlan <NUMBER> tenant <WORD> application <WORD> epg <WORD>**

**Description:** Application hosting the AEPg

**Syntax:**

vlan	Native Vlan
<1-4094>	Native Vlan. Number range from=1 to=4094
tenant	Tenant hosting the AEPg
WORD	Tenant hosting the AEPg (Max Size 63)
WORD	Application Name (Max Size 64)
epg	EPg that uses the statically enabled Encap
WORD	EPg that uses the statically enabled Encap (Max Size 64)



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

**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface port-channel <WORD> [fex <fex>]
(config-leaf-if)# switchport trunk native vlan <NUMBER> tenant <WORD> application <WORD>
epg <WORD>
```

**switchport trunk native vlan <NUMBER> tenant <WORD> application <WORD> epg <WORD>**

**Description:** Application hosting the AEPg

**Syntax:**

vlan	Native Vlan
<1-4094>	Native Vlan. Number range from=1 to=4094
tenant	Tenant hosting the AEPg
WORD	Tenant hosting the AEPg (Max Size 63)
WORD	Application Name (Max Size 64)
epg	EPg that uses the statically enabled Encap
WORD	EPg that uses the statically enabled Encap (Max Size 64)

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

**Command Path:**

```
# configure [['terminal', 't']]
(config)# vpc context leaf <101-4000> <101-4000> [fex <fex>]
(config-vpc)# interface vpc <WORD> [fex <fex>]
(config-vpc-if)# switchport trunk native vlan <NUMBER> tenant <WORD> application <WORD> epg
<WORD>
```

# switchport trunk native vlan tenant external-svi

**switchport trunk native vlan <NUMBER> tenant <WORD> external-svi [l3out] WORD**

**Description:** Associate SVI to the L2 Trunk Interface

**Syntax:**

vlan	Native Vlan
<1-4094>	Native Vlan. Number range from=1 to=4094
tenant	Tenant hosting the AEPg
WORD	Tenant hosting the AEPg (Max Size 63)
l3out	(Optional) Specify one or more l3extOut to add SVI interface
WORD	l3extOut Name

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

**Command Path:**

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface ethernet <ifRange>
(config-leaf-if)# switchport trunk native vlan <NUMBER> tenant <WORD> external-svi [l3out]
WORD
```

**switchport trunk native vlan <NUMBER> tenant <WORD> external-svi [l3out] WORD**

**Description:** Associate Native Vlan to the L2 Trunk Interface as external SVI

**Syntax:**

vlan	Native Vlan
<1-4094>	Native Vlan. Number range from=1 to=4094
tenant	Tenant hosting the AEPg
WORD	Tenant hosting the AEPg (Max Size 63)
l3out	(Optional) Specify one or more l3extOut to add SVI interface
WORD	l3extOut Name

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

**Command Path:**

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
```

```
(config-leaf)# interface port-channel <WORD> [fex <fex>]
(config-leaf-if)# switchport trunk native vlan <NUMBER> tenant <WORD> external-svi [l3out]
WORD
```

### switchport trunk native vlan <NUMBER> tenant <WORD> external-svi [l3out] WORD

**Description:** Associate SVI to the L2 Trunk Interface

**Syntax:**

vlan	Native Vlan
<1-4094>	Native Vlan. Number range from=1 to=4094
tenant	Tenant hosting the AEPg
WORD	Tenant hosting the AEPg (Max Size 63)
l3out	(Optional) Specify one or more l3extOut to add SVI interface
WORD	l3extOut Name

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

**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface ethernet <ifRange>
(config-leaf-if)# switchport trunk native vlan <NUMBER> tenant <WORD> external-svi [l3out]
WORD
```

### switchport trunk native vlan <NUMBER> tenant <WORD> external-svi [l3out] WORD

**Description:** Associate Native Vlan to the L2 Trunk Interface as external SVI

**Syntax:**

vlan	Native Vlan
<1-4094>	Native Vlan. Number range from=1 to=4094
tenant	Tenant hosting the AEPg
WORD	Tenant hosting the AEPg (Max Size 63)
l3out	(Optional) Specify one or more l3extOut to add SVI interface
WORD	l3extOut Name

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

**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
```

```
(config-spine)# interface port-channel <WORD> [fex <fex>]
(config-leaf-if)# switchport trunk native vlan <NUMBER> tenant <WORD> external-svi [l3out]
WORD
```

### switchport trunk native vlan <NUMBER> tenant <WORD> external-svi [l3out] WORD

**Description:** Associate SVI to Trunk L2 Interface

#### Syntax:

vlan	Native Vlan
<1-4094>	Native Vlan. Number range from=1 to=4094
tenant	Tenant hosting the AEPg
WORD	Tenant hosting the AEPg (Max Size 63)
l3out	(Optional) Specify one or more l3extOut to add SVI interface
WORD	l3extOut Name

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

#### Command Path:

```
# configure [['terminal', 't']]
(config)# vpc context leaf <101-4000> <101-4000> [fex <fex>]
(config-vpc)# interface vpc <WORD> [fex <fex>]
(config-vpc-if)# switchport trunk native vlan <NUMBER> tenant <WORD> external-svi [l3out]
WORD
```

# switchport trunk qinq outer-vlan inner-vlan tenant application

**switchport trunk qinq outer-vlan <NUMBER> inner-vlan <NUMBER> tenant <WORD> application <WORD> epg <WORD>**

**Description:** Add an AEPg as static encap

**Syntax:**

outer-vlan	Encapsulation Outer Vlan
<1-4094>	Encapsulation Outer Vlan. Number range from=1 to=4094
inner-vlan	Encapsulation Inner Vlan
<1-4094>	Encapsulation Inner Vlan. Number range from=1 to=4094
WORD	Tenant hosting the EPg (Max Size 63)
WORD	Application Name (Max Size 64)
epg	EPg that uses the statically enabled Encap
WORD	EPg that uses the statically enabled Encap (Max Size 64)

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

**Command Path:**

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface ethernet <ifRange>
(config-leaf-if)# switchport trunk qinq outer-vlan <NUMBER> inner-vlan <NUMBER> tenant
<WORD> application <WORD> epg <WORD>
```

**switchport trunk qinq outer-vlan <NUMBER> inner-vlan <NUMBER> tenant <WORD> application <WORD> epg <WORD>**

**Description:** Add an AEPg as static encap

**Syntax:**

outer-vlan	Encapsulation Outer Vlan
<1-4094>	Encapsulation Outer Vlan. Number range from=1 to=4094
inner-vlan	Encapsulation Inner Vlan
<1-4094>	Encapsulation Inner Vlan. Number range from=1 to=4094
WORD	Tenant hosting the EPg (Max Size 63)
WORD	Application Name (Max Size 64)

epg	EPg that uses the statically enabled Encap
WORD	EPg that uses the statically enabled Encap (Max Size 64)

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

**Command Path:**

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface port-channel <WORD> [fex <fex>]
(config-leaf-if)# switchport trunk qinq outer-vlan <NUMBER> inner-vlan <NUMBER> tenant
<WORD> application <WORD> epg <WORD>
```

**switchport trunk qinq outer-vlan <NUMBER> inner-vlan <NUMBER> tenant <WORD> application <WORD> epg <WORD>**

**Description:** Add an AEPg as static encap

**Syntax:**

outer-vlan	Encapsulation Outer Vlan
<1-4094>	Encapsulation Outer Vlan. Number range from=1 to=4094
inner-vlan	Encapsulation Inner Vlan
<1-4094>	Encapsulation Inner Vlan. Number range from=1 to=4094
WORD	Tenant hosting the EPg (Max Size 63)
WORD	Application Name (Max Size 64)
epg	EPg that uses the statically enabled Encap
WORD	EPg that uses the statically enabled Encap (Max Size 64)

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

**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface ethernet <ifRange>
(config-leaf-if)# switchport trunk qinq outer-vlan <NUMBER> inner-vlan <NUMBER> tenant
<WORD> application <WORD> epg <WORD>
```

**switchport trunk qinq outer-vlan <NUMBER> inner-vlan <NUMBER> tenant <WORD> application <WORD> epg <WORD>**

**Description:** Add an AEPg as static encap

**Syntax:**

outer-vlan	Encapsulation Outer Vlan
------------	--------------------------

<1-4094>	Encapsulation Outer Vlan. Number range from=1 to=4094
inner-vlan	Encapsulation Inner Vlan
<1-4094>	Encapsulation Inner Vlan. Number range from=1 to=4094
WORD	Tenant hosting the EPg (Max Size 63)
WORD	Application Name (Max Size 64)
epg	EPg that uses the statically enabled Encap
WORD	EPg that uses the statically enabled Encap (Max Size 64)

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

**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface port-channel <WORD> [fex <fex>]
(config-leaf-if)# switchport trunk qinq outer-vlan <NUMBER> inner-vlan <NUMBER> tenant
<WORD> application <WORD> epg <WORD>
```

**switchport trunk qinq outer-vlan <NUMBER> inner-vlan <NUMBER> tenant <WORD> application <WORD> epg <WORD>**

**Description:** Add an AEPg as static encap

**Syntax:**

outer-vlan	Encapsulation Outer Vlan
<1-4094>	Encapsulation Outer Vlan. Number range from=1 to=4094
inner-vlan	Encapsulation Inner Vlan
<1-4094>	Encapsulation Inner Vlan. Number range from=1 to=4094
WORD	Tenant hosting the EPg (Max Size 63)
WORD	Application Name (Max Size 64)
epg	EPg that uses the statically enabled Encap
WORD	EPg that uses the statically enabled Encap (Max Size 64)

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

**Command Path:**

```
# configure [['terminal', 't']]
(config)# vpc context leaf <101-4000> <101-4000> [fex <fex>]
(config-vpc)# interface vpc <WORD> [fex <fex>]
(config-vpc-if)# switchport trunk qinq outer-vlan <NUMBER> inner-vlan <NUMBER> tenant <WORD>
```

```
application <WORD> epg <WORD>
```



# switchport trunkmode

**switchport trunkmode <arg>**

**Description:** Configure Interface Trunking Mode

**Syntax:**

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

**Command Mode:** interface fc-port-channel : FC Port Channel

**Command Path:**

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface fc-port-channel <WORD>
(config-leaf-fc-pc)# switchport trunkmode <>
```

**switchport trunkmode <arg>**

**Description:** Configure Interface Trunking Mode

**Syntax:**

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

**Command Mode:** interface fc-port-channel : FC Port Channel

**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface fc-port-channel <WORD>
(config-leaf-fc-pc)# switchport trunkmode <>
```

# switchport vepa

## switchport vepa enabled

**Description:** Switchport vepa configuration

**Syntax:**

enabled	
---------	--

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

**Command Path:**

```
# configure [['terminal', 't']]
(config)# template policy-group <WORD>
(config-pol-grp-if)# switchport vepa enabled
```

## switchport vepa enabled

**Description:** Vepa configuration

**Syntax:**

enabled	
---------	--

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

**Command Path:**

```
# configure [['terminal', 't']]
(config)# template port-channel <WORD>
(config-po-ch-if)# switchport vepa enabled
```

## switchport vepa enabled

**Description:** Vepa configuration

**Syntax:**

enabled	
---------	--

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

**Command Path:**

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface ethernet <ifRange>
(config-leaf-if)# switchport vepa enabled
```

**switchport vepa enabled****Description:** Vepa Configuration**Syntax:**

enabled	
---------	--

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

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface port-channel <WORD> [fex <fex>]
(config-leaf-if)# switchport vepa enabled
```

**switchport vepa enabled****Description:** Vepa configuration**Syntax:**

enabled	
---------	--

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

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface ethernet <ifRange>
(config-leaf-if)# switchport vepa enabled
```

**switchport vepa enabled****Description:** Vepa Configuration**Syntax:**

enabled	
---------	--

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

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface port-channel <WORD> [fex <fex>]
(config-leaf-if)# switchport vepa enabled
```

**switchport vepa enabled****Description:** Vepa Configuration**Syntax:**

enabled	
---------	--

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

**Command Path:**

```
# configure [['terminal', 't']]
(config)# vpc context leaf <101-4000> <101-4000> [fex <fex>]
(config-vpc)# interface vpc <WORD> [fex <fex>]
(config-vpc-if)# switchport vepa enabled
```

# switchport vlan

## switchport vlan scope local

**Description:** Switchport vlan configuration

**Syntax:**

scope	
local	Local Scope

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

**Command Path:**

```
# configure [['terminal', 't']]
(config)# template policy-group <WORD>
(config-pol-grp-if)# switchport vlan scope local
```

## switchport vlan scope local

**Description:**

**Syntax:**

scope	
local	Local Scope

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

**Command Path:**

```
# configure [['terminal', 't']]
(config)# template port-channel <WORD>
(config-po-ch-if)# switchport vlan scope local
```

## switchport vlan scope local

**Description:** L2 configuration

**Syntax:**

scope	
local	Local Scope

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

**Command Path:**

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

```
(config)# leaf <101-4000>
(config-leaf)# interface ethernet <ifRange>
(config-leaf-if)# switchport vlan scope local
```

### switchport vlan scope local

#### Description:

#### Syntax:

scope	
local	Local Scope

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

#### Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface port-channel <WORD> [fex <fex>]
(config-leaf-if)# switchport vlan scope local
```

### switchport vlan scope local

#### Description: L2 configuration

#### Syntax:

scope	
local	Local Scope

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

#### Command Path:

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface ethernet <ifRange>
(config-leaf-if)# switchport vlan scope local
```

### switchport vlan scope local

#### Description:

#### Syntax:

scope	
local	Local Scope

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

#### Command Path:

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface port-channel <WORD> [fex <fex>]
(config-leaf-if)# switchport vlan scope local
```

### switchport vlan scope local

#### Description:

#### Syntax:

scope	
local	Local Scope

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

#### Command Path:

```
# configure [['terminal', 't']]
(config)# vpc context leaf <101-4000> <101-4000> [fex <fex>]
(config-vpc)# interface vpc <WORD> [fex <fex>]
(config-vpc-if)# switchport vlan scope local
```

# switchport vsan

**switchport vsan <vsan-id> tenant <WORD> application <WORD> epg <WORD>**

**Description:** Encapsulation vsan

**Syntax:**

<i>vsan-id</i>	VSAN Id. Number range from=1 to=4093
tenant	Tenant Name
<i>WORD</i>	Tenant hosting the EPg (Max Size 63)
application	Application Name
<i>WORD</i>	Application Name (Max Size 64)
epg	EPg that uses the statically enabled Encap
<i>WORD</i>	EPg that uses the statically enabled Encap (Max Size 64)

**Command Mode:** interface vfc : Virtual Fiber Channel interface

**Command Path:**

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface vfc <ifRange>
(config-leaf-if)# switchport vsan <vsan-id> tenant <WORD> application <WORD> epg <WORD>
```

**switchport vsan <vsan-id> tenant <WORD> application <WORD> epg <WORD>**

**Description:** Encapsulation vsan

**Syntax:**

<i>vsan-id</i>	VSAN Id. Number range from=1 to=4093
tenant	Tenant Name
<i>WORD</i>	Tenant hosting the EPg (Max Size 63)
application	Application Name
<i>WORD</i>	Application Name (Max Size 64)
epg	EPg that uses the statically enabled Encap
<i>WORD</i>	EPg that uses the statically enabled Encap (Max Size 64)

**Command Mode:** interface vfc-po : VFC Port Channel interface

**Command Path:**



```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface vfc-po <WORD> [fex <fex>]
(config-leaf-if)# switchport vsan <vsan-id> tenant <WORD> application <WORD> epg <WORD>
```

### switchport vsan <vsan-id> tenant <WORD> application <WORD> epg <WORD>

**Description:** Encapsulation vsan

**Syntax:**

<i>vsan-id</i>	VSAN Id. Number range from=1 to=4093
tenant	Tenant Name
<i>WORD</i>	Tenant hosting the EPg (Max Size 63)
application	Application Name
<i>WORD</i>	Application Name (Max Size 64)
epg	EPg that uses the statically enabled Encap
<i>WORD</i>	EPg that uses the statically enabled Encap (Max Size 64)

**Command Mode:** interface fc : FC Interface

**Command Path:**

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface fc <ifRange>
(config-leaf-fc-if)# switchport vsan <vsan-id> tenant <WORD> application <WORD> epg <WORD>
```

### switchport vsan <vsan-id> tenant <WORD> application <WORD> epg <WORD>

**Description:** Encapsulation vsan

**Syntax:**

<i>vsan-id</i>	VSAN Id. Number range from=1 to=4093
tenant	Tenant Name
<i>WORD</i>	Tenant hosting the EPg (Max Size 63)
application	Application Name
<i>WORD</i>	Application Name (Max Size 64)
epg	EPg that uses the statically enabled Encap
<i>WORD</i>	EPg that uses the statically enabled Encap (Max Size 64)

**Command Mode:** interface fc-port-channel : FC Port Channel

**Command Path:**

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface fc-port-channel <WORD>
(config-leaf-fc-pc)# switchport vsan <vsan-id> tenant <WORD> application <WORD> epg <WORD>
```

**switchport vsan <vsan-id> tenant <WORD> application <WORD> epg <WORD>**

**Description:** Encapsulation vsan

**Syntax:**

<i>vsan-id</i>	VSAN Id. Number range from=1 to=4093
tenant	Tenant Name
<i>WORD</i>	Tenant hosting the EPg (Max Size 63)
application	Application Name
<i>WORD</i>	Application Name (Max Size 64)
epg	EPg that uses the statically enabled Encap
<i>WORD</i>	EPg that uses the statically enabled Encap (Max Size 64)

**Command Mode:** interface vfc : Virtual Fiber Channel interface

**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface vfc <ifRange>
(config-leaf-if)# switchport vsan <vsan-id> tenant <WORD> application <WORD> epg <WORD>
```

**switchport vsan <vsan-id> tenant <WORD> application <WORD> epg <WORD>**

**Description:** Encapsulation vsan

**Syntax:**

<i>vsan-id</i>	VSAN Id. Number range from=1 to=4093
tenant	Tenant Name
<i>WORD</i>	Tenant hosting the EPg (Max Size 63)
application	Application Name
<i>WORD</i>	Application Name (Max Size 64)
epg	EPg that uses the statically enabled Encap
<i>WORD</i>	EPg that uses the statically enabled Encap (Max Size 64)

**Command Mode:** interface vfc-po : VFC Port Channel interface

**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface vfc-po <WORD> [fex <fex>]
(config-leaf-if)# switchport vsan <vsan-id> tenant <WORD> application <WORD> epg <WORD>
```

**switchport vsan <vsan-id> tenant <WORD> application <WORD> epg <WORD>**

**Description:** Encapsulation vsan

**Syntax:**

<i>vsan-id</i>	VSAN Id. Number range from=1 to=4093
tenant	Tenant Name
<i>WORD</i>	Tenant hosting the EPg (Max Size 63)
application	Application Name
<i>WORD</i>	Application Name (Max Size 64)
epg	EPg that uses the statically enabled Encap
<i>WORD</i>	EPg that uses the statically enabled Encap (Max Size 64)

**Command Mode:** interface fc : FC Interface

**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface fc <ifRange>
(config-leaf-fc-if)# switchport vsan <vsan-id> tenant <WORD> application <WORD> epg <WORD>
```

**switchport vsan <vsan-id> tenant <WORD> application <WORD> epg <WORD>**

**Description:** Encapsulation vsan

**Syntax:**

<i>vsan-id</i>	VSAN Id. Number range from=1 to=4093
tenant	Tenant Name
<i>WORD</i>	Tenant hosting the EPg (Max Size 63)
application	Application Name
<i>WORD</i>	Application Name (Max Size 64)
epg	EPg that uses the statically enabled Encap

<i>WORD</i>	EPg that uses the statically enabled Encap (Max Size 64)
-------------	--

**Command Mode:** interface fc-port-channel : FC Port Channel

**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface fc-port-channel <WORD>
(config-leaf-fc-pc)# switchport vsan <vsan-id> tenant <WORD> application <WORD> epg <WORD>
```

# switchport vsan tenant application

**switchport vsan** <NUMBER> **tenant** <WORD> **application** <WORD> **epg** <WORD>

**Description:** Application Name

**Syntax:**

<1-4094>	Access Vsan. Number range from=1 to=4094
tenant	Tenant hosting the AEPg
WORD	Tenant hosting the AEPg (Max Size 63)
WORD	Application Name (Max Size 64)
epg	EPg that uses the statically enabled Encap
WORD	EPg that uses the statically enabled Encap (Max Size 64)

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

**Command Path:**

```
# configure [['terminal', 't']]
(config)# vpc context leaf <101-4000> <101-4000> [fex <fex>]
(config-vpc)# interface vpc <WORD> [fex <fex>]
(config-vpc-if)# switchport vsan <NUMBER> tenant <WORD> application <WORD> epg <WORD>
```

# syslog

## syslog common

**Description:** Syslog common policy configuration mode

**Syntax:**

common	Syslog common policy configuration mode
--------	---

**Command Mode:** configure : Configuration Mode

**Command Path:**

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

# system cluster-size

**system cluster-size** <NUMBER>

**Description:** Set APIC cluster size

**Syntax:**

<size>	size of the cluster to be set. Number range from=1 to=16
--------	--

**Command Mode:** configure : Configuration Mode

**Command Path:**

```
# configure [['terminal', 't']]
(config)# system cluster-size <NUMBER>
```

# system controller-id

**system controller-id <serial-number> approve|reject**

**Description:** Configure Controller Id for controllers in fabric

**Syntax:**

<i>serial-number</i>	Controller serial number
approve	Approve controller
reject	Reject controller

**Command Mode:** configure : Configuration Mode

**Command Path:**

```
# configure [['terminal', 't']]
(config)# system controller-id <serial-number> approve|reject
```



# system dynamic-load-balance

**system dynamic-load-balance mode**

**link-failure-resiliency|dynamic-aggressive|dynamic-conservative|packet-prioritization**

**Description:** Configure dynamic load balancer

**Syntax:**

mode	Dynamic load balancer mode
link-failure-resiliency	Link failure resiliency mode
dynamic-aggressive	Aggressive dynamic mode
dynamic-conservative	Conservative dynamic mode
packet-prioritization	Packet prioritization mode

**Command Mode:** configure : Configuration Mode

**Command Path:**

```
# configure [['terminal', 't']]
(config)# system dynamic-load-balance mode
link-failure-resiliency|dynamic-aggressive|dynamic-conservative|packet-prioritization
```

# system enforce-subnet-check

**system enforce-subnet-check**

**Description:** Enforce subnet check on all VRFs

**Command Mode:** configure : Configuration Mode

**Command Path:**

```
# configure [['terminal', 't']]  
(config)# system enforce-subnet-check
```

# system external-switch-group

**system external-switch-group <group-name>**

**Description:** External Switch

**Syntax:**

<i>group-name</i>	Group Name
-------------------	------------

**Command Mode:** configure : Configuration Mode

**Command Path:**

```
# configure [['terminal', 't']]
(config)# system external-switch-group <group-name>
```

# system fabric-security-mode

**system fabric-security-mode <mode>**

**Description:** Set strict/permissive mode for ACI Fabric Internode Authentication

**Syntax:**

<code>&lt;mode&gt;</code>	Security mode as comma separated values like val1,val2,..valN
---------------------------	---

**Command Mode:** configure : Configuration Mode

**Command Path:**

```
# configure [['terminal', 't']]
(config)# system fabric-security-mode <mode>
```

# system jumbomtu

**system jumbomtu** <NUMBER>

**Description:** MTU size for Host Facing ports

**Syntax:**

<576-9216>	Enter jumbomtu. Number range from=576 to=9216
------------	---

**Command Mode:** configure : Configuration Mode

**Command Path:**

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

# system pod

**system pod** <NUMBER> tep-pool <A.B.C.D/LEN>

**Description:** POD in the fabric

**Syntax:**

<1-255>	POD ID. Number range from=1 to=255
tep-pool	Tunnel Endpoint IP Address Pool
A.B.C.D/LEN	Unicast IP prefix and network mask length in format x.x.x.x/m

**Command Mode:** configure : Configuration Mode

**Command Path:**

```
# configure [['terminal', 't']]
(config)# system pod <NUMBER> tep-pool <A.B.C.D/LEN>
```

# system remote-leaf-site

**system remote-leaf-site** <NUMBER> pod <pod> tep-pool <A.B.C.D/LEN>

**Description:** Remote Leaf Site in the fabric

**Syntax:**

<1-255>	SITE ID. Number range from=1 to=255
pod	Pod Id
pod	pod. Number range from=0 to=9223372036854775807
tep-pool	Tunnel Endpoint IP Address Pool
A.B.C.D/LEN	Unicast IP prefix and network mask length in format x.x.x.x/m

**Command Mode:** configure : Configuration Mode

**Command Path:**

```
# configure [['terminal', 't']]
(config)# system remote-leaf-site <NUMBER> pod <pod> tep-pool <A.B.C.D/LEN>
```

# system switch-id

**system switch-id** <serial-number> <node-Id> <WORD> [pod <arg>] [role <arg>] [remote-leaf-site <1-255>] [node-type <arg>]

**Description:** Configure Node Id for switches in fabric

**Syntax:**

<i>&lt;serial-number&gt;</i>	Switch serial number
<i>node-Id</i>	Switch ID. Number range from=101 to=4000
<i>WORD</i>	Switch name
<i>arg</i>	(Optional) Pod Id of the the node. Default value is 1. Number range from=1 to=9
<i>arg</i>	(Optional) Role of Node - leaf or spine. Default is unspecified
<i>&lt;1-255&gt;</i>	(Optional) SITE ID
<i>arg</i>	(Optional) Type of Node only applicable for leaf. Default is unspecified

**Command Mode:** configure : Configuration Mode

**Command Path:**

```
# configure [['terminal', 't']]
(config)# system switch-id <serial-number> <node-Id> <WORD> [pod <>] [role <>]
[remote-leaf-site <1-255>] [node-type <>]
```



# system use-infra-gipo

## system use-infra-gipo enable

**Description:** Multicast Group IP Policy Mode for Tunnel Outer Header

**Syntax:**

enable	Multicast Group IP Policy Mode for Tunnel Outer Header
--------	--

**Command Mode:** configure : Configuration Mode

**Command Path:**

```
# configure [['terminal', 't']]
(config)# system use-infra-gipo enable
```

