S Commands

sak-expiry-time

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

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

Syntax:

x in <0-0> or <60-2592000>	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:

samplingRate	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:

samplingRate	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:

samplingRate	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:

WORD	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:

arg	

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:

WORD	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:

WORD	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
WORD	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:

WORD	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:

arg	
cloud	Cloud name
WORD	Cloud Name (Max Size 512)
name	(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:

FILENAME	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:

WORD	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:

WORD	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:

arg	

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:

WORD	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
WORD	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:

WORD	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:

WORD	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:

WORD	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:

WORD	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:

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

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:

A.B.C.D|A:B::C:D|WORD	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:

A.B.C.D|A:B::C:D|WORD	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:

A.B.C.D|A:B::C:D|WORD	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:

A.B.C.D|A:B::C:D|WORD	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:

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

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

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

funcprof	funcprof

Command Mode: function-profile : Configure function profile container

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# l4l7 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
arg	
WORD	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:

WORD	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
WORD	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:

arg	
WORD	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:

arg	
WORD	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:

arg	
WORD	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:

arg	
WORD	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:

WORD	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
WORD	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:

arg	
WORD	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:

arg	
WORD	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
WORD	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:

arg	
WORD	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:

arg	
WORD	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:

WORD	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:

WORD	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:

WORD	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:

WORD	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:

WORD	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:

WORD	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:

WORD	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:

WORD	Service node name (Max Size 64)
WORD	(Optional) Tenant name (Max Size 63)
WORD	(Optional) Device cluster name (Max Size 64)
Available Modes	(Optional) Configure service node mode
Service Redirection	(Optional) Configure service redirection
Service Type	(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:

<*sessionRecordFlags*>	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:

propType	propType
propVal	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:

propType	propType
propVal	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 epg

Syntax:

qos-class	QOS level for the epg
WORD	Qos Level

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)# set qos-class <WORD>
```

set qos-class <WORD>

Description: QOS level for the application

Syntax:

qos-class	QOS level for the application
WORD	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
WORD	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
<contractQosLevel>	{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
WORD	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
WORD	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
value	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
value	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
value	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
value	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
value	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
value	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
value	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
value	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
value	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
value	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 <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)# 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 <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)# 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 <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 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:

<0-4398046510080>	Committed Rate
UNIT	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:

<0-4398046510080>	Committed Rate
UNIT	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
value	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
value	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
value	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
value	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
value	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
value	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
value	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
value	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
value	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

value	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
value	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:

WORD	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:

WORD	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:

dscp-prop	DSCP Class Name
dscp-val	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:

WORD	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:

WORD	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:

WORD	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:

WORD	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:

<*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)# 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:

<*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)# 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:

<*metric-type*>	<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:

WORD	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:

WORD	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:

IPv4 or IPv6 address	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:

IPv4 or IPv6 address	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:

IPv4 or IPv6 address	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:

IPv4 or IPv6 address	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:

IPv4 or IPv6 address	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:

IPv4 or IPv6 address	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:

IPv4 or IPv6 address	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:

IPv4 or IPv6 address	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:

IPv4 or IPv6 address	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:

IPv4 or IPv6 address	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:

IPv4 or IPv6 address	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:

WORD	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:

WORD	Qos Level
WORD	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:

WORD	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:

WORD	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:

WORD	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:

WORD	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:

WORD	Target dscp
WORD	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:

WORD	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:

WORD	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:

WORD	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:

WORD	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:

WORD	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:

WORD	Name of the tenant to filter on (Max Size 63)
<1-4094>	(Optional) Encapsulation Vlan. Number range from=1 to=4094
srcintf	(Optional) source Interface
WORD	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:

WORD	Name of the tenant to filter on (Max Size 63)
<1-4094>	(Optional) Encapsulation Vlan. Number range from=1 to=4094
srcintf	(Optional) source Interface
WORD	Name of the VRF to filter on (Max Size 64)
WORD	(Optional) PC Tag (Max Size None)
WORD	(Optional) PC Tag (Max Size None)
WORD	(Optional) Epg Name (Max Size None)
WORD	(Optional) Epg Name (Max Size None)
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)
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)

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:

WORD	Name of the tenant to filter on (Max Size 63)
WORD	Name of the vrf to filter on (Max Size 64)
time-stamp <YYYY-MM-DDTHR:MIN:SEC>	(Optional) Event activity in time interval
time-stamp <YYYY-MM-DDTHR:MIN:SEC>	(Optional) Event activity in time interval
<1-4094>	(Optional) Encapsulation Vlan. Number range from=1 to=4094
srcintf	(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 acllog deny l2 pkt tenant vrf detail

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>] 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:

WORD	Name of the tenant to filter on (Max Size 63)
WORD	Name of the vrf to filter on (Max Size 64)
time-stamp <YYYY-MM-DDTHR:MIN:SEC>	(Optional) Event activity in time interval
time-stamp <YYYY-MM-DDTHR:MIN:SEC>	(Optional) Event activity in time interval
<1-4094>	(Optional) Encapsulation Vlan. Number range from=1 to=4094
srcintf	(Optional) Source Interface
<1-65535>	(Optional) packet length. Number range from=1 to=65535
WORD	(Optional) PC Tag (Max Size None)
WORD	(Optional) PC Tag (Max Size None)
WORD	(Optional) Epg Name (Max Size None)
WORD	(Optional) Epg Name (Max Size None)
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)
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)

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>] 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 l3 flow tenant vrf

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>

Description: tenant vrf information

Syntax:

WORD	Name of the tenant to filter on (Max Size 63)
A.B.C.D or A:B::C:D	(Optional) IP address in format i.i.i.i or IPv6 address in format xxxx:xxxx, xxxx::xx
A.B.C.D or A:B::C:D	(Optional) IP address in format i.i.i.i or IPv6 address in format xxxx:xxxx, xxxx::xx
Protocol	(Optional) Protocol
SrcPort	(Optional) source port
DstPort	(Optional) destination port
srcintf	(Optional) source interface
WORD	Name of the VRF to filter on (Max Size 64)

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>
```

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:

WORD	Name of the tenant to filter on (Max Size 63)
A.B.C.D or A:B::C:D	(Optional) IP address in format i.i.i.i or IPv6 address in format xxxx:xxxx, xxxx::xx
A.B.C.D or A:B::C:D	(Optional) IP address in format i.i.i.i or IPv6 address in format xxxx:xxxx, xxxx::xx
Protocol	(Optional) Protocol
SrcPort	(Optional) source port
DstPort	(Optional) destination port
srcintf	(Optional) source interface
WORD	Name of the VRF to filter on (Max Size 64)
WORD	(Optional) PC Tag (Max Size None)
WORD	(Optional) PC Tag (Max Size None)
WORD	(Optional) Epg Name (Max Size None)
WORD	(Optional) Epg Name (Max Size None)
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)
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)

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:

WORD	Name of the tenant to filter on (Max Size 63)
WORD	Name of the vrf to filter on (Max Size 64)
time-stamp <YYYY-MM-DDTHR:MIN:SEC>	(Optional) Event activity in time interval
time-stamp <YYYY-MM-DDTHR:MIN:SEC>	(Optional) Event activity in time interval
protocol	(Optional) protocol
A.B.C.D or A:B::C:D	(Optional) IP address in format i.i.i.i or IPv6 address in format xxxx:xxxx, xxxx::xx
A.B.C.D or A:B::C:D	(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
srcintf	(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:

WORD	Name of the tenant to filter on (Max Size 63)
WORD	Name of the vrf to filter on (Max Size 64)
time-stamp <YYYY-MM-DDTHR:MIN:SEC>	(Optional) Event activity in time interval
time-stamp <YYYY-MM-DDTHR:MIN:SEC>	(Optional) Event activity in time interval
protocol	(Optional) protocol
A.B.C.D or A:B::C:D	(Optional) IP address in format i.i.i.i or IPv6 address in format xxxx:xxxx, xxxx::xx
A.B.C.D or A:B::C:D	(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
srcintf	(Optional) source Interface
<1-65535>	(Optional) packet length. Number range from=1 to=65535
WORD	(Optional) PC Tag (Max Size None)
WORD	(Optional) PC Tag (Max Size None)
WORD	(Optional) Epg Name (Max Size None)
WORD	(Optional) Epg Name (Max Size None)
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)

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)

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>] 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:

WORD	Name of the tenant to filter on (Max Size 63)
<1-4094>	(Optional) Encapsulation Vlan. Number range from=1 to=4094
srcintf	(Optional) source interface
WORD	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:

WORD	Name of the tenant to filter on (Max Size 63)
<1-4094>	(Optional) Encapsulation Vlan. Number range from=1 to=4094
srcintf	(Optional) source interface
WORD	Name of the VRF to filter on (Max Size 64)
WORD	(Optional) PC Tag (Max Size None)
WORD	(Optional) PC Tag (Max Size None)
WORD	(Optional) Epg Name (Max Size None)
WORD	(Optional) Epg Name (Max Size None)
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)
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)

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:

WORD	Name of the tenant to filter on (Max Size 63)
WORD	Name of the vrf to filter on (Max Size 64)
time-stamp <YYYY-MM-DDTHR:MIN:SEC>	(Optional) Event activity in time interval
time-stamp <YYYY-MM-DDTHR:MIN:SEC>	(Optional) Event activity in time interval
<1-4094>	(Optional) Encapsulation Vlan. Number range from=1 to=4094
srcintf	(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 acllog permit l2 pkt tenant vrf detail

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>] 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:

WORD	Name of the tenant to filter on (Max Size 63)
WORD	Name of the vrf to filter on (Max Size 64)
time-stamp <YYYY-MM-DDTHR:MIN:SEC>	(Optional) Event activity in time interval
time-stamp <YYYY-MM-DDTHR:MIN:SEC>	(Optional) Event activity in time interval
<1-4094>	(Optional) Encapsulation Vlan. Number range from=1 to=4094
srcintf	(Optional) source Interface
<1-65535>	(Optional) packet length. Number range from=1 to=65535
WORD	(Optional) PC Tag (Max Size None)
WORD	(Optional) PC Tag (Max Size None)
WORD	(Optional) Epg Name (Max Size None)
WORD	(Optional) Epg Name (Max Size None)
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)
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)

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>] 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:

WORD	Name of the tenant to filter on (Max Size 63)
A.B.C.D or A:B::C:D	(Optional) IP address in format i.i.i.i or IPv6 address in format xxxx:xxxx, xxxx::xx
A.B.C.D or A:B::C:D	(Optional) IP address in format i.i.i.i or IPv6 address in format xxxx:xxxx, xxxx::xx
Protocol	(Optional) Protocol
SrcPort	(Optional) source port
DstPort	(Optional) destination port
srcintf	(Optional) source interface
WORD	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:

WORD	Name of the tenant to filter on (Max Size 63)
A.B.C.D or A:B::C:D	(Optional) IP address in format i.i.i.i or IPv6 address in format xxxx:xxxx, xxxx::xx
A.B.C.D or A:B::C:D	(Optional) IP address in format i.i.i.i or IPv6 address in format xxxx:xxxx, xxxx::xx
Protocol	(Optional) Protocol
SrcPort	(Optional) source port
DstPort	(Optional) destination port
srcintf	(Optional) source interface
WORD	Name of the VRF to filter on (Max Size 64)
WORD	(Optional) PC Tag (Max Size None)
WORD	(Optional) PC Tag (Max Size None)
WORD	(Optional) Epg Name (Max Size None)
WORD	(Optional) Epg Name (Max Size None)
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)
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)

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:

WORD	Name of the tenant to filter on (Max Size 63)
WORD	Name of the vrf to filter on (Max Size 64)
time-stamp <YYYY-MM-DDTHR:MIN:SEC>	(Optional) Event activity in time interval
time-stamp <YYYY-MM-DDTHR:MIN:SEC>	(Optional) Event activity in time interval
protocol	(Optional) protocol
A.B.C.D or A:B::C:D	(Optional) IP address in format i.i.i.i or IPv6 address in format xxxx:xxxx, xxxx::xx
A.B.C.D or A:B::C:D	(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
srcintf	(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:

WORD	Name of the tenant to filter on (Max Size 63)
WORD	Name of the vrf to filter on (Max Size 64)
time-stamp <YYYY-MM-DDTHR:MIN:SEC>	(Optional) Event activity in time interval
time-stamp <YYYY-MM-DDTHR:MIN:SEC>	(Optional) Event activity in time interval
protocol	(Optional) protocol
A.B.C.D or A:B::C:D	(Optional) IP address in format i.i.i.i or IPv6 address in format xxxx:xxxx, xxxx::xx
A.B.C.D or A:B::C:D	(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
srcintf	(Optional) source Interface
<1-65535>	(Optional) packet length. Number range from=1 to=65535
WORD	(Optional) PC Tag (Max Size None)
WORD	(Optional) PC Tag (Max Size None)
WORD	(Optional) Epg Name (Max Size None)
WORD	(Optional) Epg Name (Max Size None)
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)

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)

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>] 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:

WORD	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
action<*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
end-time <*YYYY-MM-DDTHR:MIN:SEC*>	(Optional) Logs created in time interval
detail	(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:

WORD	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:

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)

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:

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)

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:

WORD	Name of the tenant to filter on (Max Size 63)
WORD	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:

WORD	Name of the tenant to filter on (Max Size 63)
WORD	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:

WORD	Name of the tenant to filter on (Max Size 63)
WORD	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:

WORD	Name of the tenant to filter on (Max Size 63)
WORD	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:

WORD	Name of the tenant to filter on (Max Size 63)
WORD	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:

WORD	Name of the tenant to filter on (Max Size 63)
WORD	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:

WORD	Name of the tenant to filter on (Max Size 63)
WORD	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:

WORD	Name of the tenant to filter on (Max Size 63)
WORD	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:

WORD	Name of the tenant to filter on (Max Size 63)
WORD	Name of the dns server group we eventually want to filter on (Max Size 16)
WORD	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:

WORD	Name of the tenant to filter on (Max Size 63)
WORD	Name of the dns server group we eventually want to filter on (Max Size 16)
WORD	IP of server we eventually want to filter on (Max Size None)
WORD	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:

WORD	Name of the tenant to filter on (Max Size 63)
WORD	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:

WORD	Name of the tenant to filter on (Max Size 63)
WORD	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:

WORD	Name of the tenant to filter on (Max Size 63)
WORD	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:

WORD	Name of the tenant to filter on (Max Size 63)
WORD	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:

WORD	Name of the tenant to filter on (Max Size 63)
WORD	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:

WORD	Name of the tenant to filter on (Max Size 63)
WORD	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:

WORD	Name of the tenant to filter on (Max Size 63)
WORD	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:

WORD	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:

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 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:

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 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 acllog 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 acllog <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:

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	flow stats
srcpctag	source pc tag
<*srcpctag*>	<srcpctag>
dstpctag	destination pc tag
<*dstpctag*>	<dstpctag>
srcepgname	source epg name
<*srcepgname*>	<srcepgname>
dstepgname	destination epg name
<*dstepgname*>	<dstepgname>
srcip	source ip
A.B.C.D or A:B::C:D	IP address in format i.i.i.i or IPv6 address in format xxxx:xxxx, xxxx::xx
dstip	destination ip
A.B.C.D or A:B::C:D	IP address in format i.i.i.i or IPv6 address in format xxxx:xxxx, xxxx::xx
proto	protocol
<*proto*>	<proto>
srcport	source port
<*srcport*>	<srcport>
dstport	destination port

<*dstport*>	<dstport>
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> 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>
```

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:

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 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:

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 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:

WORD	Name of the tenant to filter on (Max Size 63)
WORD	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 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:

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 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:

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 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:

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

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:

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

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:

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> 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:

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 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:

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 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:

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 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:

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 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:

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 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:

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 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:

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 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:

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 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:

WORD	Name of the tenant to filter on (Max Size 63)
WORD	Name of the VRF to filter on (Max Size 64)
arg	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:

WORD	Name of the tenant to filter on (Max Size 63)
WORD	Name of the VRF to filter on (Max Size 64)
arg	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:

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 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:

WORD	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:

WORD	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:

WORD	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:

WORD	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:

WORD	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:

WORD	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:

WORD	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:

WORD	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:

WORD	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 manpage <WORD> [mode <mode-name>]
```

show cli path

show cli path <WORD> [mode <mode-name>]

Description: Show Commands Path

Syntax:

WORD	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 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:

node-id	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:

WORD	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:

WORD	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:

node-id	(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:

<*node-name*>	Node name
<*process*>	Process name
<*counterTopics*>	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:

<*node-name*>	Node name
<*process*>	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:

WORD	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:

WORD	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:

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

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:

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 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:

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
WORD	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:

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
context	VPC Context
WORD	First VPC leaf (Max Size 4000). Number range from=0 to=9223372036854775807
WORD	Second VPC leaf (Max Size 4000). Number range from=0 to=9223372036854775807
interface	VPC Interface name
vpc	VPC Interface name
WORD	VPC Name (Max Size 64)
fex	(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 epg

show epg WORD

Description: Show Application EPG Information

Syntax:

WORD	Name of the AEPG to filter on (Max Size 64)

Command Mode: exec : Exec Mode

Command Path:

```
# show epg WORD
```

show epg detail

show epg WORD detail

Description: Show detailed view of Application EPg

Syntax:

WORD	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
last-minutes <*num-minutes*>	(Optional) Event activity in time interval. Number range from=1 to=59
last-hours <*num-hours*>	(Optional) Event activity in time interval. Number range from=1 to=23
last-days <*num-days*>	(Optional) Event activity in time interval. Number range from=1 to=999
start-time <*YYYY-MM-DDTHR:MIN:SEC*>	(Optional) Event activity in time interval
end-time <*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:

node-id	(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:

<*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 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:

<*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 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:

<*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] 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:

<*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> 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:

<*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] 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:

<*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] 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:

WORD	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:

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)

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:

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)

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:

WORD	Name of the tenant to filter on (Max Size 63)
WORD	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:

WORD	Name of the tenant to filter on (Max Size 63)
WORD	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:

WORD	Name of the tenant to filter on (Max Size 63)
WORD	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:

WORD	Name of the tenant to filter on (Max Size 63)
WORD	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:

WORD	Name of the tenant to filter on (Max Size 63)
WORD	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:

WORD	Name of the tenant to filter on (Max Size 63)
WORD	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:

WORD	Name of the tenant to filter on (Max Size 63)
WORD	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:

WORD	Name of the tenant to filter on (Max Size 63)
WORD	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:

WORD	Name of the tenant to filter on (Max Size 63)
WORD	Name of the dns server group we eventually want to filter on (Max Size 16)
WORD	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:

WORD	Name of the tenant to filter on (Max Size 63)
WORD	Name of the dns server group we eventually want to filter on (Max Size 16)
WORD	IP of server we eventually want to filter on (Max Size None)
WORD	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:

WORD	Name of the tenant to filter on (Max Size 63)
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

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: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)
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 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 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:

WORD	Name of the tenant to filter on (Max Size 63)
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
WORD	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 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: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:

WORD	Name of the tenant to filter on (Max Size 63)
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
context	VPC Context
WORD	First VPC leaf (Max Size 4000). Number range from=0 to=9223372036854775807
WORD	Second VPC leaf (Max Size 4000). Number range from=0 to=9223372036854775807
interface	VPC Interface name
vpc	VPC Interface name
WORD	VPC Name (Max Size 64)
fex	(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>] 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:

WORD	Name of the tenant to filter on (Max Size 63)
WORD	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:

WORD	Name of the tenant to filter on (Max Size 63)
WORD	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:

WORD	Name of the tenant to filter on (Max Size 63)
WORD	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:

WORD	Name of the tenant to filter on (Max Size 63)
WORD	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:

WORD	Name of the tenant to filter on (Max Size 63)
WORD	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:

WORD	Name of the tenant to filter on (Max Size 63)
WORD	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:

WORD	Name of the tenant to filter on (Max Size 63)
WORD	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:

WORD	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:

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
```

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 acllog 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 acllog <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:

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	flow stats
srcpctag	source pc tag
<*srcpctag*>	<srcpctag>
dstpctag	destination pc tag
<*dstpctag*>	<dstpctag>
srcepgname	source epg name
<*srcepgname*>	<srcepgname>
dstepgname	destination epg name
<*dstepgname*>	<dstepgname>
srcip	source ip
A.B.C.D or A:B::C:D	IP address in format i.i.i.i or IPv6 address in format xxxx:xxxx, xxxx::xx
dstip	destination ip
A.B.C.D or A:B::C:D	IP address in format i.i.i.i or IPv6 address in format xxxx:xxxx, xxxx::xx
proto	protocol
<*proto*>	<proto>
srcport	source port
<*srcport*>	<srcport>
dstport	destination port

<*dstport*>	<dstport>
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> 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>
```

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:

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 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:

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 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:

WORD	Name of the tenant to filter on (Max Size 63)
WORD	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:

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
```

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:

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

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:

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

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:

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 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:

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 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:

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 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:

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 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:

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 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:

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 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:

WORD	Name of the tenant to filter on (Max Size 63)
WORD	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:

WORD	Name of the tenant to filter on (Max Size 63)
WORD	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:

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 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:

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 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:

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 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:

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 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:

WORD	Name of the tenant to filter on (Max Size 63)
WORD	Name of the VRF to filter on (Max Size 64)
arg	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:

WORD	Name of the tenant to filter on (Max Size 63)
WORD	Name of the VRF to filter on (Max Size 64)
arg	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:

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 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:

WORD	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:

WORD	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:

WORD	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:

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 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:

WORD	Name of the tenant to filter on (Max Size 63)
WORD	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 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:

<101-4000>	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:

WORD	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:

WORD	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:

WORD	Name of the tenant to filter on (Max Size 63)
WORD	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:

WORD	Name of the tenant to filter on (Max Size 63)
WORD	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:

WORD	Name of the tenant to filter on (Max Size 63)
WORD	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:

WORD	Name of the tenant to filter on (Max Size 63)
WORD	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> 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:

<*epgName*>	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:

<*epgName*>	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:

WORD	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:

WORD	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:

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 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:

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 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:

<101-4000>	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:

WORD	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:

WORD	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:

WORD	Name of the tenant to filter on (Max Size 63)
WORD	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:

WORD	Name of the tenant to filter on (Max Size 63)
WORD	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:

WORD	Name of the tenant to filter on (Max Size 63)
WORD	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:

WORD	Name of the tenant to filter on (Max Size 63)
WORD	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> 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:

WORD	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:

WORD	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:

WORD	Name of the tenant to filter on (Max Size 63)
WORD	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:

WORD	Name of the tenant to filter on (Max Size 63)
WORD	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:

WORD	Name of the tenant to filter on (Max Size 63)
WORD	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 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:

WORD	Name of the tenant to filter on (Max Size 63)
WORD	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 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:

<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> detail
```

show external-l3 route-map tenant

show external-l3 route-map tenant <WORD>

Description: tenant to filter on

Syntax:

WORD	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:

WORD	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:

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 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:

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 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:

WORD	Name of the tenant to filter on (Max Size 63)
WORD	Name of the VRF to filter on (Max Size 64)
arg	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:

WORD	Name of the tenant to filter on (Max Size 63)
WORD	Name of the VRF to filter on (Max Size 64)
arg	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:

<101-4000>	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:

WORD	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:

WORD	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:

WORD	Name of the tenant to filter on (Max Size 63)
WORD	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:

WORD	Name of the tenant to filter on (Max Size 63)
WORD	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:

WORD	Name of the tenant to filter on (Max Size 63)
WORD	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 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:

WORD	Name of the tenant to filter on (Max Size 63)
WORD	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 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:

arg	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:

arg	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:

WORD	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:

WORD	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:

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 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:

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 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:

WORD	Name of the tenant to filter on (Max Size 63)
WORD	Name of the VRF to filter on (Max Size 64)
arg	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:

WORD	Name of the tenant to filter on (Max Size 63)
WORD	Name of the VRF to filter on (Max Size 64)
arg	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:

moDn	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:

node-id	(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:

Tenant Name	(Optional) Name of Tenant
Device Cluster Name	(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>] [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>] [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>] [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>] [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>] [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:

<*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
 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>] [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>] [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>] [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>] [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>] [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>] [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>] [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>] [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:

WORD	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:

WORD	Microsoft domain name
WORD	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:

WORD	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:

WORD	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:

WORD	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:

WORD	Microsoft domain name
WORD	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:

<*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> 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:

<*name*>	Redhat domain name
<*hostname*|*ip*>	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>] [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>] [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>] [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>] [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>] [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>] [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>] [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:

WORD	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:

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)

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:

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)

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:

WORD	Name of the tenant to filter on (Max Size 63)
WORD	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:

WORD	Name of the tenant to filter on (Max Size 63)
WORD	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:

WORD	Name of the tenant to filter on (Max Size 63)
WORD	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:

WORD	Name of the tenant to filter on (Max Size 63)
WORD	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>] [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:

WORD	Name of the tenant to filter on (Max Size 63)
WORD	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:

WORD	Name of the tenant to filter on (Max Size 63)
WORD	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>] [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:

WORD	Name of the tenant to filter on (Max Size 63)
WORD	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:

WORD	Name of the tenant to filter on (Max Size 63)
WORD	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:

WORD	Name of the tenant to filter on (Max Size 63)
WORD	Name of the dns server group we eventually want to filter on (Max Size 16)
WORD	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:

WORD	Name of the tenant to filter on (Max Size 63)
WORD	Name of the dns server group we eventually want to filter on (Max Size 16)
WORD	IP of server we eventually want to filter on (Max Size None)
WORD	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:

WORD	Name of the tenant to filter on (Max Size 63)
WORD	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:

WORD	Name of the tenant to filter on (Max Size 63)
WORD	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>] [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:

WORD	Name of the tenant to filter on (Max Size 63)
WORD	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:

WORD	Name of the tenant to filter on (Max Size 63)
WORD	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:

WORD	Name of the tenant to filter on (Max Size 63)
WORD	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:

WORD	Name of the tenant to filter on (Max Size 63)
WORD	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>] [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:

WORD	Name of the tenant to filter on (Max Size 63)
WORD	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>] [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:

WORD	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:

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
```

show faults tenant vrf acllog l2

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>

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 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> 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:

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	flow stats
srcpctag	source pc tag
<*srcpctag*>	<srcpctag>
dstpctag	destination pc tag
<*dstpctag*>	<dstpctag>
srcepgname	source epg name
<*srcepgname*>	<srcepgname>
dstepgname	destination epg name
<*dstepgname*>	<dstepgname>
srcip	source ip
A.B.C.D or A:B::C:D	IP address in format i.i.i.i or IPv6 address in format xxxx:xxxx, xxxx::xx
dstip	destination ip
A.B.C.D or A:B::C:D	IP address in format i.i.i.i or IPv6 address in format xxxx:xxxx, xxxx::xx
proto	protocol
<*proto*>	<proto>
srcport	source port
<*srcport*>	<srcport>
dstport	destination port

<*dstport*>	<dstport>
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> 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>
```

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:

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
 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:

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 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>] [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:

WORD	Name of the tenant to filter on (Max Size 63)
WORD	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 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:

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 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:

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 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:

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

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:

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

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>] [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:

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 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>] [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:

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 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:

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 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:

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 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:

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 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:

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 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:

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 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:

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 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:

WORD	Name of the tenant to filter on (Max Size 63)
WORD	Name of the VRF to filter on (Max Size 64)
arg	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:

WORD	Name of the tenant to filter on (Max Size 63)
WORD	Name of the VRF to filter on (Max Size 64)
arg	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>] [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:

WORD	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:

WORD	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:

WORD	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:

WORD	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:

WORD	Optional tenant name
WORD	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:

WORD	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:

WORD	Specify tenant name
WORD	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:

WORD	(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:

WORD	(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:

WORD	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:

recordName	(Optional) Optional record name
tenantName	Optional tenant name
WORD	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:

WORD	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:

history	(Optional) Historical information
min-change <percentage change>	(Optional) Minimum change in health score percentage. Number range from=-100 to=9999
max-hs <maximum health-score>	(Optional) Maximum health score. Number range from=0 to=100
start-time <YYYY-MM-DDTHR:MIN:SEC>	(Optional) Health activity in time interval
end-time <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:

<*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>] 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:

WORD	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:

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)

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:

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)

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:

WORD	Name of the tenant to filter on (Max Size 63)
WORD	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:

WORD	Name of the tenant to filter on (Max Size 63)
WORD	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:

WORD	Name of the tenant to filter on (Max Size 63)
WORD	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:

WORD	Name of the tenant to filter on (Max Size 63)
WORD	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:

WORD	Name of the tenant to filter on (Max Size 63)
WORD	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:

WORD	Name of the tenant to filter on (Max Size 63)
WORD	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:

WORD	Name of the tenant to filter on (Max Size 63)
WORD	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:

WORD	Name of the tenant to filter on (Max Size 63)
WORD	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:

WORD	Name of the tenant to filter on (Max Size 63)
WORD	Name of the dns server group we eventually want to filter on (Max Size 16)
WORD	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:

WORD	Name of the tenant to filter on (Max Size 63)
WORD	Name of the dns server group we eventually want to filter on (Max Size 16)
WORD	IP of server we eventually want to filter on (Max Size None)
WORD	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:

WORD	Name of the tenant to filter on (Max Size 63)
WORD	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:

WORD	Name of the tenant to filter on (Max Size 63)
WORD	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:

WORD	Name of the tenant to filter on (Max Size 63)
WORD	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:

WORD	Name of the tenant to filter on (Max Size 63)
WORD	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:

WORD	Name of the tenant to filter on (Max Size 63)
WORD	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:

WORD	Name of the tenant to filter on (Max Size 63)
WORD	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:

WORD	Name of the tenant to filter on (Max Size 63)
WORD	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:

WORD	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:

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 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 acllog 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 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 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> l2 flow vlan <NUMBER> srcintf <srcintf>
```

show health tenant vrf acllog 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 acllog <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:

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	flow stats
srcpctag	source pc tag
<*srcpctag*>	<srcpctag>
dstpctag	destination pc tag
<*dstpctag*>	<dstpctag>
srcepgname	source epg name
<*srcepgname*>	<srcepgname>
dstepgname	destination epg name
<*dstepgname*>	<dstepgname>
srcip	source ip
A.B.C.D or A:B::C:D	IP address in format i.i.i.i or IPv6 address in format xxxx:xxxx, xxxx::xx
dstip	destination ip
A.B.C.D or A:B::C:D	IP address in format i.i.i.i or IPv6 address in format xxxx:xxxx, xxxx::xx
proto	protocol
<*proto*>	<proto>
srcport	source port
<*srcport*>	<srcport>
dstport	destination port
<*dstport*>	<dstport>

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> 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>
```

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:

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 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:

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 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:

WORD	Name of the tenant to filter on (Max Size 63)
WORD	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:

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 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:

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 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:

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

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:

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

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:

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 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:

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 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:

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 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:

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 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:

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 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:

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 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:

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 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:

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 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:

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 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:

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 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:

WORD	Name of the tenant to filter on (Max Size 63)
WORD	Name of the VRF to filter on (Max Size 64)
arg	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:

WORD	Name of the tenant to filter on (Max Size 63)
WORD	Name of the VRF to filter on (Max Size 64)
arg	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:

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 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 epgs 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 conusmer 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:

WORD	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:

WORD	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:

WORD	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:

WORD	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:

WORD	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:

WORD	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:

WORD	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:

WORD	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:

WORD	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:

Tenant Name	(Optional) Name of Tenant
Device Cluster Name	(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
arg	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:

WORD	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:

WORD	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:

WORD	Microsoft domain name
WORD	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:

WORD	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:

WORD	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:

WORD	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:

WORD	Microsoft domain name
WORD	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:

WORD	(Optional) Specify a VM name
A.B.C.D	(Optional) Specify a VM IP address
AA:BB:CC:DD:EE:FF	(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
session_name	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
session_name	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:

tenant_name	tenant
session	session
session_name	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
WORD	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:

WORD	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:

WORD	Name of the tenant Alias to filter on (Max Size 63)
WORD	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:

WORD	Name of the tenant Alias to filter on (Max Size 63)
WORD	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:

WORD	Name of the tenant Alias to filter on (Max Size 63)
WORD	Name of the application Alias to filter on (Max Size 64)
WORD	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:

WORD	Name of the tenant Alias to filter on (Max Size 63)
WORD	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:

WORD	Name of the tenant Alias to filter on (Max Size 63)
WORD	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:

WORD	Name of the tenant Alias to filter on (Max Size 63)
WORD	Name of the contract Alias to filter on (Max Size 64)
WORD	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:

WORD	Name of the tenant Alias to filter on (Max Size 63)
WORD	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:

WORD	Name of the tenant Alias to filter on (Max Size 63)
WORD	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 conusmer 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 conusmer 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)
WORD	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:

WORD	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:

WORD	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:

<*name*>	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
WORD	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
WORD	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
action<*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
end-time <*YYYY-MM-DDTHR:MIN:SEC*>	(Optional) Logs created in time interval
detail	(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:

node-id	(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:

WORD	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:

policy	(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:

policy	(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:

policy	(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:

policy	(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:

policy	(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:

policy	(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:

policy	(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
<granularity-value>	<granularity-value>
history	(Optional) historical stats information
cumulative	(Optional) cumulative stats information
tenant	command scope
leaf	command scope
spine	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:

node-id	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:

<*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
 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:

<*leafId*>	Leaf id
<*mgmtPort*>	<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:

<*leafId*>	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:

<*leafId*>	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:

<*leafId*>	Leaf id
<*fcMod*>	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:

<*leafId*>	Leaf id
<*lcSlot*>	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:

<*leafId*>	Leaf id
<*psuSlot*>	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:

<*leafId*>	Leaf id
<*sysMod*>	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:

WORD	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:

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)

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:

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)

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:

WORD	Name of the tenant to filter on (Max Size 63)
WORD	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:

WORD	Name of the tenant to filter on (Max Size 63)
WORD	Name of the dns server group we eventually want to filter on (Max Size 16)
WORD	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:

WORD	Name of the tenant to filter on (Max Size 63)
WORD	Name of the dns server group we eventually want to filter on (Max Size 16)
WORD	IP of server we eventually want to filter on (Max Size None)
WORD	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:

WORD	Name of the tenant to filter on (Max Size 63)
WORD	Name of the TnlEPG 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:

WORD	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:

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 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:

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 stats granularity <granularity-value> [history] [cumulative] tenant WORD vrf WORD
acllog <permitDrop> l2 flow vlan <NUMBER> srcintf <srcintf>
```

show stats granularity tenant vrf acllog l3

show stats granularity <granularity-value> [history] [cumulative] tenant WORD vrf WORD acllog <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:

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	flow stats
srcpctag	source pc tag
<*srcpctag*>	<srcpctag>
dstpctag	destination pc tag
<*dstpctag*>	<dstpctag>
srcepgname	source epg name
<*srcepgname*>	<srcepgname>
dstepgname	destination epg name
<*dstepgname*>	<dstepgname>
srcip	source ip
A.B.C.D or A:B::C:D	IP address in format i.i.i.i or IPv6 address in format xxxx:xxxx, xxxx::xx
dstip	destination ip
A.B.C.D or A:B::C:D	IP address in format i.i.i.i or IPv6 address in format xxxx:xxxx, xxxx::xx
proto	protocol
<*proto*>	<proto>
srcport	source port
<*srcport*>	<srcport>
dstport	destination port
<*dstport*>	<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> 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>
```

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:

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 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:

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 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:

WORD	Name of the tenant to filter on (Max Size 63)
WORD	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 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:

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 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:

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 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:

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

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:

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

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:

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 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:

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 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:

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 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:

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 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:

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 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:

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 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:

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 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:

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 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:

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 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:

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 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:

WORD	Name of the tenant to filter on (Max Size 63)
WORD	Name of the VRF to filter on (Max Size 64)
arg	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:

WORD	Name of the tenant to filter on (Max Size 63)
WORD	Name of the VRF to filter on (Max Size 64)
arg	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:

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 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:

switch-id	(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:

<*Odevid*>	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:

switchId <switchId>	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:

WORD	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:

WORD	Name of the tenant to filter on (Max Size 63)
WORD	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:

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)

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:

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

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:

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
WORD	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 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:

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
context	VPC Context
WORD	First VPC leaf (Max Size 4000). Number range from=0 to=9223372036854775807
WORD	Second VPC leaf (Max Size 4000). Number range from=0 to=9223372036854775807
interface	VPC Interface name
vpc	VPC Interface name
WORD	VPC Name (Max Size 64)
fex	(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:

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)

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:

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)

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:

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

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:

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
WORD	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 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:

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
context	VPC Context
WORD	First VPC leaf (Max Size 4000). Number range from=0 to=9223372036854775807
WORD	Second VPC leaf (Max Size 4000). Number range from=0 to=9223372036854775807
interface	VPC Interface name
vpc	VPC Interface name
WORD	VPC Name (Max Size 64)
fex	(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:

WORD	Name of the tenant to filter on (Max Size 63)
WORD	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:

WORD	Name of the tenant to filter on (Max Size 63)
WORD	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:

WORD	Name of the tenant to filter on (Max Size 63)
WORD	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:

WORD	Name of the tenant to filter on (Max Size 63)
WORD	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:

WORD	Name of the tenant to filter on (Max Size 63)
WORD	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:

WORD	Name of the tenant to filter on (Max Size 63)
WORD	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:

WORD	Name of the tenant to filter on (Max Size 63)
WORD	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:

WORD	Name of the tenant to filter on (Max Size 63)
WORD	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:

WORD	Name of the tenant to filter on (Max Size 63)
WORD	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:

WORD	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:

WORD	Name of the tenant to filter on (Max Size 63)
WORD	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:

WORD	Name of the tenant to filter on (Max Size 63)
WORD	Name of the dns server group we eventually want to filter on (Max Size 16)
WORD	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:

WORD	Name of the tenant to filter on (Max Size 63)
WORD	Name of the dns server group we eventually want to filter on (Max Size 16)
WORD	IP of server we eventually want to filter on (Max Size None)
WORD	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:

WORD	Name of the tenant to filter on (Max Size 63)
WORD	Name of the TnlEPG 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:

WORD	Name of the tenant to filter on (Max Size 63)
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

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:

WORD	Name of the tenant to filter on (Max Size 63)
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 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:

WORD	Name of the tenant to filter on (Max Size 63)
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
WORD	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:

WORD	Name of the tenant to filter on (Max Size 63)
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
context	VPC Context
WORD	First VPC leaf (Max Size 4000). Number range from=0 to=9223372036854775807
WORD	Second VPC leaf (Max Size 4000). Number range from=0 to=9223372036854775807
interface	VPC Interface name
vpc	VPC Interface name
WORD	VPC Name (Max Size 64)
fex	(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:

WORD	Name of the tenant to filter on (Max Size 63)
WORD	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:

WORD	Name of the tenant to filter on (Max Size 63)
WORD	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:

WORD	Name of the tenant to filter on (Max Size 63)
WORD	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:

WORD	Name of the tenant to filter on (Max Size 63)
WORD	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:

WORD	Name of the tenant to filter on (Max Size 63)
WORD	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:

WORD	Name of the tenant to filter on (Max Size 63)
WORD	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:

WORD	Name of the tenant to filter on (Max Size 63)
WORD	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:

WORD	Name of the tenant to filter on (Max Size 63)
WORD	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:

WORD	Name of the tenant to filter on (Max Size 63)
WORD	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:

WORD	Name of the tenant to filter on (Max Size 63)
WORD	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:

WORD	Name of the tenant to filter on (Max Size 63)
WORD	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:

WORD	Name of the tenant to filter on (Max Size 63)
WORD	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:

WORD	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:

WORD	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:

WORD	Name of the tenant to filter on (Max Size 63)
WORD	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:

WORD	Name of the tenant to filter on (Max Size 63)
WORD	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:

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 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:

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 tenant WORD vrf WORD acllog <permitDrop> l2 flow vlan <NUMBER> srcintf <srcintf>
```

show tenant vrf acllog l3

show tenant WORD vrf WORD acllog <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:

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	flow stats
srcpctag	source pc tag
<*srcpctag*>	<srcpctag>
dstpctag	destination pc tag
<*dstpctag*>	<dstpctag>
srcepgname	source epg name
<*srcepgname*>	<srcepgname>
dstepgname	destination epg name
<*dstepgname*>	<dstepgname>
srcip	source ip
A.B.C.D or A:B::C:D	IP address in format i.i.i.i or IPv6 address in format xxxx:xxxx, xxxx::xx
dstip	destination ip
A.B.C.D or A:B::C:D	IP address in format i.i.i.i or IPv6 address in format xxxx:xxxx, xxxx::xx
proto	protocol
<*proto*>	<proto>
srcport	source port
<*srcport*>	<srcport>
dstport	destination port
<*dstport*>	<dstport>
srcintf	source interface

<*srcintf*>	<srcintf>

Command Mode: exec : Exec Mode

Command Path:

```
# show tenant WORD vrf WORD acllog <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>
```

show tenant vrf detail

show tenant WORD vrf WORD detail

Description: Show detailed view of 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 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:

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 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:

WORD	Name of the tenant to filter on (Max Size 63)
WORD	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 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:

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 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:

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 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:

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

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:

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

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:

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 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:

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 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:

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 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:

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 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:

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 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:

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 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:

WORD	Name of the tenant to filter on (Max Size 63)
WORD	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 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:

WORD	Name of the tenant to filter on (Max Size 63)
WORD	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 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:

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 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:

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 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:

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 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:

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 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:

WORD	Name of the tenant to filter on (Max Size 63)
WORD	Name of the VRF to filter on (Max Size 64)
arg	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:

WORD	Name of the tenant to filter on (Max Size 63)
WORD	Name of the VRF to filter on (Max Size 64)
arg	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:

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 tenant WORD vrf WORD multicast
```

show troubleshoot session

show troubleshoot session <session_name>

Description: Show session

Syntax:

session_name	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:

session_name	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:

session_name	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:

session_name	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:

session_name	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:

session_name	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:

session_name	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:

session_name	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:

session_name	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:

session_name	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:

session_name	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:

session_name	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:

session_name	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:

WORD	User name

Command Mode: exec : Exec Mode

Command Path:

```
# show username <WORD>
```

show username detail

show username <WORD> detail

Description: Show user information

Syntax:

WORD	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:

arg	(Optional) Vlan-domain name
<*vlan-range*>	(Optional) VLAN ID 1-4094 or range(s): 1-5, 10 or 2-5,7-19
arg	(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:

<*name*>	VMware domain name
<*esx-ip*>	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:

<*name*>	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:

WORD	(Optional) Specify a VM name
A.B.C.D	(Optional) IP address in format i.i.i.i
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)

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:

WORD	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:

WORD	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:

arg	(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 : Configue 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:

WORD	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:

WORD	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:

WORD	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:

card	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:

card	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:

<*range*>	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:

<*range*>	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:

<*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)# 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:

<*range*>	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

<*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)# 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
<*interval*>	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:

<*interval*>	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:

WORD	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:

WORD	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:

WORD	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:

WORD	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:

WORD	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:

<*community-name*>	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:

<*contact-name*>	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:

<server-ip>	SNMP trap-fwd-server
port	(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:

<*user-name*>	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
A.B.C.D|A:B::C:D/LEN	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
A.B.C.D|A:B::C:D/LEN	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
A.B.C.D|A:B::C:D/LEN	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
WORD	tenant name (Max Size 63)
application	application
WORD	application name (Max Size 64)
epg	epg
WORD	epg name (Max Size 64)
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)

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:

application_name	application name (Max Size 64)
epg	epg
epg_name	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 : Configue 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 : Configue 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 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: template policy-group : Configure Policy Group Parameters

Command Path:

```
# configure [['terminal', 't']]
(config)# template policy-group <WORD>
(config-pol-grp-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: 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:

<*interfaceSpeed*>	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:

<*speed*>	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:

<*interfaceSpeed*>	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:

<*speed*>	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:

<*speed*>	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:

WORD	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:

WORD	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:

WORD	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:

WORD	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:

WORD	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:

WORD	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:

WORD	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:

WORD	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:

WORD	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:

WORD	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:

WORD	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:

WORD	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:

WORD	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:

WORD	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:

WORD	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:

WORD	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:

sshCiphers	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:

WORD	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:

sshMacs	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:

sslProtocols	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:

cipherState	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
E.E.E	MAC address (Option 1)
EE-EE-EE-EE-EE-EE	MAC address (Option 2)
EE:EE:EE:EE:EE:EE	MAC address (Option 3)
EEEE.EEEE.EEEE	MAC address (Option 4)
vlan	Encapsulation Vlan
<1-4094>	Encapsulation Vlan. Number range from=1 to=4094
A1.B1.C1.D1,...,An.Bn.Cn.Dn	(Optional) List of IP addresses in format i.i.i.i
A1:B1::C1:D1,..,An:Bn::Cn:Dn	(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
E.E.E	MAC address (Option 1)
EE-EE-EE-EE-EE-EE	MAC address (Option 2)
EE:EE:EE:EE:EE:EE	MAC address (Option 3)
EEEE.EEEE.EEEE	MAC address (Option 4)

vlan	Encapsulation Vlan
<1-4094>	Encapsulation Vlan. Number range from=1 to=4094
A1.B1.C1.D1,...,An.Bn.Cn.Dn	(Optional) List of IP addresses in format i.i.i.i
A1:B1::C1:D1,..,An:Bn::Cn:Dn	(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
E.E.E	MAC address (Option 1)
EE-EE-EE-EE-EE-EE	MAC address (Option 2)
EE:EE:EE:EE:EE:EE	MAC address (Option 3)
EEEE.EEEE.EEEE	MAC address (Option 4)
vlan	Encapsulation Vlan
<1-4094>	Encapsulation Vlan. Number range from=1 to=4094
A1.B1.C1.D1,...,An.Bn.Cn.Dn	(Optional) List of IP addresses in format i.i.i.i
A1:B1::C1:D1,..,An:Bn::Cn:Dn	(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
E.E.E	MAC address (Option 1)
EE-EE-EE-EE-EE-EE	MAC address (Option 2)
EE:EE:EE:EE:EE:EE	MAC address (Option 3)
EEEE.EEEE.EEEE	MAC address (Option 4)
vlan	Encapsulation Vlan
<1-4094>	Encapsulation Vlan. Number range from=1 to=4094
A1.B1.C1.D1,...,An.Bn.Cn.Dn	(Optional) List of IP addresses in format i.i.i.i
A1:B1::C1:D1,..,An:Bn::Cn:Dn	(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
E.E.E	MAC address (Option 1)
EE-EE-EE-EE-EE-EE	MAC address (Option 2)
EE:EE:EE:EE:EE:EE	MAC address (Option 3)
EEEE.EEEE.EEEE	MAC address (Option 4)
vlan	Encapsulation Vlan
<1-4094>	Encapsulation Vlan. Number range from=1 to=4094
A1.B1.C1.D1,...,An.Bn.Cn.Dn	(Optional) List of IP addresses in format i.i.i.i

A1:B1::C1:D1,..,An:Bn::Cn:Dn	(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
E.E.E	MAC address (Option 1)
EE-EE-EE-EE-EE-EE	MAC address (Option 2)
EE:EE:EE:EE:EE:EE	MAC address (Option 3)
EEEE.EEEE.EEEE	MAC address (Option 4)
vlan	Encapsulation Vlan
<1-4094>	VLAN range. Number range from=1 to=4094
A.B.C.D	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
E.E.E	MAC address (Option 1)
EE-EE-EE-EE-EE-EE	MAC address (Option 2)
EE:EE:EE:EE:EE:EE	MAC address (Option 3)
EEEE.EEEE.EEEE	MAC address (Option 4)
vlan	Encapsulation Vlan
<1-4094>	VLAN range. Number range from=1 to=4094

A.B.C.D	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
E.E.E	MAC address (Option 1)
EE-EE-EE-EE-EE-EE	MAC address (Option 2)
EE:EE:EE:EE:EE:EE	MAC address (Option 3)
EEEE.EEEE.EEEE	MAC address (Option 4)
vlan	Encapsulation Vlan
<1-4094>	VLAN range. Number range from=1 to=4094
A.B.C.D	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
E.E.E	MAC address (Option 1)
EE-EE-EE-EE-EE-EE	MAC address (Option 2)

EE:EE:EE:EE:EE:EE	MAC address (Option 3)
EEEE.EEEE.EEEE	MAC address (Option 4)
vlan	Encapsulation Vlan
<1-4094>	VLAN range. Number range from=1 to=4094
A.B.C.D	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
E.E.E	MAC address (Option 1)
EE-EE-EE-EE-EE-EE	MAC address (Option 2)
EE:EE:EE:EE:EE:EE	MAC address (Option 3)
EEEE.EEEE.EEEE	MAC address (Option 4)
vlan	Encapsulation Vlan
<1-4094>	VLAN range. Number range from=1 to=4094
A.B.C.D	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:

arg	Burst Rate in packets per second. Number range from=0 to=4882812
burst-rate	Max Burst Rate in packets per second
arg	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:

arg	Burst Rate in packets per second. Number range from=0 to=4882812
burst-rate	Max Burst Rate in packets per second
arg	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:

arg	Burst Rate in packets per second. Number range from=0 to=4882812
burst-rate	Max Burst Rate in packets per second

arg	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:

arg	Burst Rate in packets per second. Number range from=0 to=4882812
burst-rate	Max Burst Rate in packets per second
arg	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:

arg	Burst Rate in packets per second. Number range from=0 to=4882812
burst-rate	Max Burst Rate in packets per second
arg	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:

arg	Burst Rate in packets per second. Number range from=0 to=4882812
burst-rate	Max Burst Rate in packets per second
arg	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:

arg	Burst Rate in packets per second. Number range from=0 to=4882812
burst-rate	Max Burst Rate in packets per second
arg	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:

arg	Burst Rate in packets per second. Number range from=0 to=4882812
burst-rate	Max Burst Rate in packets per second
arg	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:

arg	Burst Rate in packets per second. Number range from=0 to=4882812
burst-rate	Max Burst Rate in packets per second
arg	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:

arg	Burst Rate in packets per second. Number range from=0 to=4882812
burst-rate	Max Burst Rate in packets per second

arg	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:

arg	Burst Rate in packets per second. Number range from=0 to=4882812
burst-rate	Max Burst Rate in packets per second
arg	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:

arg	Burst Rate in packets per second. Number range from=0 to=4882812
burst-rate	Max Burst Rate in packets per second
arg	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:

arg	Burst Rate in packets per second. Number range from=0 to=4882812
burst-rate	Max Burst Rate in packets per second
arg	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:

arg	Burst Rate in packets per second. Number range from=0 to=4882812
burst-rate	Max Burst Rate in packets per second
arg	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:

arg	Burst Rate in packets per second. Number range from=0 to=4882812
burst-rate	Max Burst Rate in packets per second
arg	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:

arg	Burst Rate in packets per second. Number range from=0 to=4882812
burst-rate	Max Burst Rate in packets per second
arg	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:

arg	Burst Rate in packets per second. Number range from=0 to=4882812
burst-rate	Max Burst Rate in packets per second

arg	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:

arg	Burst Rate in packets per second. Number range from=0 to=4882812
burst-rate	Max Burst Rate in packets per second
arg	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:

arg	Burst Rate in packets per second. Number range from=0 to=4882812
burst-rate	Max Burst Rate in packets per second
arg	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:

arg	Burst Rate in packets per second. Number range from=0 to=4882812
burst-rate	Max Burst Rate in packets per second
arg	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:

arg	Rate in packets per second. Number range from=0 to=4882812
burst-rate	Max Burst Rate in packets per second
arg	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:

arg	Burst Rate in packets per second. Number range from=0 to=4882812
burst-rate	Max Burst Rate in packets per second
arg	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:

arg	Burst Rate in packets per second. Number range from=0 to=4882812
burst-rate	Max Burst Rate in packets per second
arg	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:

arg	Burst Rate in packets per second. Number range from=0 to=4882812
burst-rate	Max Burst Rate in packets per second

arg	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:

arg	Burst Rate in packets per second. Number range from=0 to=4882812
burst-rate	Max Burst Rate in packets per second
arg	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:

arg	Burst Rate in packets per second. Number range from=0 to=4882812
burst-rate	Max Burst Rate in packets per second
arg	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:

arg	Burst Rate in packets per second. Number range from=0 to=4882812
burst-rate	Max Burst Rate in packets per second
arg	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:

arg	Burst Rate in packets per second. Number range from=0 to=4882812
burst-rate	Max Burst Rate in packets per second
arg	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:

WORD	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:

WORD	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-l7 Graph Connector.

Syntax:

WORD	Enter Subnet IP address (Max Size None)
ctrl	(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:

WORD	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:

IP-PREFIX/LEN	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:

IP-PREFIX/LEN	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)# 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)# 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:

WORD	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:

arg	

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:

arg	

Command Mode: configure : Configuration Mode

Command Path:

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

switch

Description: Add switches to zone

Syntax:

arg	

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
```

```
<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)# 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 Acess 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 Acess 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 Acess 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:

arg	

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:

arg	

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:

arg	

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:

arg	

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:

arg	

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:

arg	

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:

arg	
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:

arg	
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
arg	

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
arg	

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:

arg	

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:

arg	

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:

arg	

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:

arg	

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
arg	

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
arg	

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:

arg	

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:

arg	

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:

arg	

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:

arg	

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:

arg	
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:

WORD	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:

arg	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:

arg	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:

WORD	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:

WORD	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:

count	. 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:

count	. 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:

arg	. 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:

arg	. 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:

arg	. 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:

arg	. 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:

arg	. 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:

count	. 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:

count	. 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:

arg	. 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:

arg	. 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:

arg	. 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:

arg	. 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:

arg	. 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:

WORD	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
arg	
application	Application Name
arg	
epg	EPg for the Power Device
arg	

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
arg	
application	Application Name
arg	
epg	EPg for the Power Device
arg	

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:

power mode	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:

power mode	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:

arg	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:

arg	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 encap 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 encap 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:

arg	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:

arg	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:

arg	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:

arg	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:

arg	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:

arg	

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:

WORD	Tenant hosting the EPg (Max Size 63)
dot1q-tunnel	Add an dot1q-tunnel
WORD	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:

WORD	Tenant hosting the EPg (Max Size 63)
dot1q-tunnel	Add an dot1q-tunnel
WORD	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:

WORD	Tenant hosting the EPg (Max Size 63)
dot1q-tunnel	Add an dot1q-tunnel

WORD	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:

WORD	Tenant hosting the EPg (Max Size 63)
dot1q-tunnel	Add an dot1q-tunnel
WORD	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:

WORD	Tenant hosting the EPg (Max Size 63)
dot1q-tunnel	Add an dot1q-tunnel
WORD	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:

arg	

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:

arg	

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:

arg	

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

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 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
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 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
```

```
<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
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
vsan-id	VSAN Id. Number range from=1 to=4093
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 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
vsan-id	VSAN Id. Number range from=1 to=4093
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 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
vsan-id	VSAN Id. Number range from=1 to=4093
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 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
vsan-id	VSAN Id. Number range from=1 to=4093
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 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
vsan-id	VSAN Id. Number range from=1 to=4093
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 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
vsan-id	VSAN Id. Number range from=1 to=4093
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 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
vsan-id	VSAN Id. Number range from=1 to=4093
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 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
vsan-id	VSAN Id. Number range from=1 to=4093
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 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:

arg	

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:

arg	

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:

vsan-id	VSAN Id. Number range from=1 to=4093
tenant	Tenant Name
WORD	Tenant hosting the EPg (Max Size 63)
application	Application Name
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 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:

vsan-id	VSAN Id. Number range from=1 to=4093
tenant	Tenant Name
WORD	Tenant hosting the EPg (Max Size 63)
application	Application Name
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 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:

vsan-id	VSAN Id. Number range from=1 to=4093
tenant	Tenant Name
WORD	Tenant hosting the EPg (Max Size 63)
application	Application Name
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 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:

vsan-id	VSAN Id. Number range from=1 to=4093
tenant	Tenant Name
WORD	Tenant hosting the EPg (Max Size 63)
application	Application Name
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 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:

vsan-id	VSAN Id. Number range from=1 to=4093
tenant	Tenant Name
WORD	Tenant hosting the EPg (Max Size 63)
application	Application Name
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 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:

vsan-id	VSAN Id. Number range from=1 to=4093
tenant	Tenant Name
WORD	Tenant hosting the EPg (Max Size 63)
application	Application Name
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 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:

vsan-id	VSAN Id. Number range from=1 to=4093
tenant	Tenant Name
WORD	Tenant hosting the EPg (Max Size 63)
application	Application Name
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 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:

vsan-id	VSAN Id. Number range from=1 to=4093
tenant	Tenant Name
WORD	Tenant hosting the EPg (Max Size 63)
application	Application Name
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 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:

serial-number	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:

group-name	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:

<*mode*>	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:

<serial-number>	Switch serial number
node-Id	Switch ID. Number range from=101 to=4000
WORD	Switch name
arg	(Optional) Pod Id of the the node. Default value is 1. Number range from=1 to=9
arg	(Optional) Role of Node - leaf or spine. Default is unspecified
<1-255>	(Optional) SITE ID
arg	(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
```