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idle-flow-timeout

idle-flow-timeout <idleFlowTimeout>

Description: Configure Idle Flow TimeOut

Syntax:

<i>idleFlowTimeout</i>	Configure Idle Flow TimeOut. Number range from=10 to=600
------------------------	--

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)# idle-flow-timeout <idleFlowTimeout>
```

idle-flow-timeout <idleFlowTimeout>

Description: Configure Idle Flow TimeOut

Syntax:

<i>idleFlowTimeout</i>	Configure Idle Flow TimeOut. Number range from=10 to=600
------------------------	--

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)# idle-flow-timeout <idleFlowTimeout>
```

idle-flow-timeout <idleFlowTimeout>

Description: Configure Idle Flow TimeOut

Syntax:

<i>idleFlowTimeout</i>	Configure Idle Flow TimeOut. Number range from=10 to=600
------------------------	--

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)# idle-flow-timeout <idleFlowTimeout>
```


immediacy-immediate

immediacy-immediate enable

Description: Enable/disable immediate immediacy on trunk

Syntax:

enable	enable
--------	--------

Command Mode: trunk-portgroup : Configure a trunk port group in the VMWare domain

Command Path:

```
# configure [['terminal', 't']]
(config)# vmware-domain <WORD> [delimiter <WORD>] [access-mode <access-mode>]
(config-vmware)# trunk-portgroup <>
(config-vmware-trunk)# immediacy-immediate enable
```

import-config

import-config <WORD>

Description: Import Configuration

Syntax:

<i>WORD</i>	Filename(absolute path)
-------------	-------------------------

Command Mode: exec : Exec Mode

Command Path:

```
# import-config <WORD>
```

inactivity-timer

inactivity-timer <arg>

Description: Inactivity Timer for TWAMP Server

Syntax:

<i>arg</i>	Configure Inactivity Timer for TWAMP Server. Number range from=1 to=65535
------------	---

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

Command Path:

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

inband-mgmt

inband-mgmt epg <WORD>

Description: Enter Inside In-band management mode to modify inband properties or create new inband

Syntax:

epg	inband mgmt epg label, usage inband-mgmt epg
<i>WORD</i>	epg name for inband epg, it can be existing inband epg or new one

Command Mode: tenant : Tenant configuration mode

Command Path:

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

inband-mgmt epg

inband-mgmt epg <WORD>

Description: Associate node to a Inband EPG

Syntax:

<i>WORD</i>	Inband End Point Group Name (Max Size 64)
-------------	---

Command Mode: interface inband-mgmt0 : Inband management interface

Command Path:

```
# configure [['terminal', 't']]
(config)# controller
(config-controller)# interface inband-mgmt0
(config-controller-if)# inband-mgmt epg <WORD>
```

inband-mgmt epg <WORD>

Description: Associate node to a Inband EPG

Syntax:

<i>WORD</i>	Inband End Point Group Name (Max Size 64)
-------------	---

Command Mode: interface inband-mgmt0 : Inband management interface

Command Path:

```
# configure [['terminal', 't']]
(config)# switch
(config-switch)# interface inband-mgmt0
(config-switch-if)# inband-mgmt epg <WORD>
```

inherit-from-epg

inherit-from-epg application <WORD> epg <WORD>

Description: EPG settings inheritance

Syntax:

application	Application for the EPG where to inherit settings
<i>WORD</i>	Application for the EPG where to inherit settings (Max Size 64)
epg	EPG where to inherit settings
<i>WORD</i>	EPG where to inherit settings (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)# inherit-from-epg application <WORD> epg <WORD>
```

inherit-from-epg epg <WORD>

Description: EPG settings inheritance

Syntax:

epg	EPG where to inherit settings
<i>WORD</i>	EPG where to inherit settings (Max Size 64)

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)# inherit-from-epg epg <WORD>
```

inherit-from-epg epg <WORD>

Description: EPG settings inheritance

Syntax:

epg	EPG where to inherit settings
<i>WORD</i>	EPG where to inherit settings (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)# inherit-from-epg epg <WORD>
```

inherit

inherit route-profile <WORD> <WORD>

Description: Inherit a policy template

Syntax:

route-profile	Configure route-profile
<i>WORD</i>	Route profile name
<i>WORD</i>	route control context name

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)# inherit route-profile <WORD> <WORD>
```

inherit route-profile <WORD> <WORD>

Description: Inherit a policy template

Syntax:

route-profile	Configure route-profile
<i>WORD</i>	Route profile name
<i>WORD</i>	route control context name

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)# inherit route-profile <WORD> <WORD>
```

inherit route-profile <WORD> <WORD>

Description: Inherit a policy template

Syntax:

route-profile	Configure route-profile
<i>WORD</i>	Route profile name
<i>WORD</i>	route control context name

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)# inherit route-profile <WORD> <WORD>
```

inherit route-profile <WORD> <WORD>

Description: Inherit a policy template

Syntax:

route-profile	Configure route-profile
<i>WORD</i>	Route profile name
<i>WORD</i>	route control context name

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)# inherit route-profile <WORD> <WORD>
```

inherit route-profile <WORD> <WORD>

Description: Inherit a policy template

Syntax:

route-profile	Configure route-profile
<i>WORD</i>	Route profile name
<i>WORD</i>	route control context name

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)# inherit route-profile <WORD> <WORD>
```

inherit route tag <WORD>

Description: Inherit a policy template

Syntax:

route	Policy template for routes
tag	Route tag policy template
<i>WORD</i>	Policy template name (Max Size 64)

Command Mode: vrf : Configure VRF parameters

Command Path:

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

inherit group-policy <WORD>

Description: Inherit HSRP Group template policy

Syntax:

group-policy	Associate the Group with an HSRP Group policy
<i>WORD</i>	Policy name

Command Mode: hsrp group : Configure HSRP Group

Command Path:

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

inherit group-policy <WORD>

Description: Inherit HSRP Group template policy

Syntax:

group-policy	Associate the Group with an HSRP Group policy
--------------	---

<i>WORD</i>	Policy name
-------------	-------------

Command Mode: hsrp group : Configure HSRP Group

Command Path:

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

inherit eigrp vrf-policy <WORD>

Description: Inherit EIGRP VRF Policy under this VRF

Syntax:

eigrp	Inherit EIGRP VRF Policy
vrf-policy	Inherit EIGRP VRF Policy
<i>WORD</i>	Policy name

Command Mode: address-family : EIGRP Policy Address Family

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# router eigrp default
(config-eigrp)# vrf member tenant <WORD> vrf <WORD>
(config-eigrp-vrf)# address-family ipv4|ipv6 unicast
(config-address-family)# inherit eigrp vrf-policy <WORD>
```

inherit route-profile <WORD> <WORD>

Description: Inherit a policy template

Syntax:

route-profile	Configure route-profile
<i>WORD</i>	Route profile name
<i>WORD</i>	route control context name

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)# inherit route-profile <WORD> <WORD>
```

inherit route-profile <WORD> <WORD>

Description: Inherit a policy template

Syntax:

route-profile	Configure route-profile
<i>WORD</i>	Route profile name
<i>WORD</i>	route control context name

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)# inherit route-profile <WORD> <WORD>
```

inherit route-profile <WORD> <WORD>

Description: Inherit a policy template

Syntax:

route-profile	Configure route-profile
<i>WORD</i>	Route profile name
<i>WORD</i>	route control context name

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)# inherit route-profile <WORD> <WORD>
```

inherit route-profile <WORD> <WORD>

Description: Inherit a policy template

Syntax:

route-profile	Configure route-profile
---------------	-------------------------

<i>WORD</i>	Route profile name
<i>WORD</i>	route control context name

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)# inherit route-profile <WORD> <WORD>
```

inherit route-profile <WORD> <WORD>

Description: Inherit a policy template

Syntax:

route-profile	Configure route-profile
<i>WORD</i>	Route profile name
<i>WORD</i>	route control context name

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)# inherit route-profile <WORD> <WORD>
```

inherit route tag <WORD>

Description: Inherit a policy template

Syntax:

route	Policy template for routes
tag	Route tag policy template
<i>WORD</i>	Policy template name (Max Size 64)

Command Mode: vrf : Configure VRF parameters

Command Path:

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

```
(config-spine)# vrf context tenant <WORD> vrf <WORD> [l3out <l3out>]
(config-leaf-vrf)# inherit route tag <WORD>
```

inherit group-policy <WORD>

Description: Inherit HSRP Group template policy

Syntax:

group-policy	Associate the Group with an HSRP Group policy
<i>WORD</i>	Policy name

Command Mode: hsrp group : Configure HSRP Group

Command Path:

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

inherit group-policy <WORD>

Description: Inherit HSRP Group template policy

Syntax:

group-policy	Associate the Group with an HSRP Group policy
<i>WORD</i>	Policy name

Command Mode: hsrp group : Configure HSRP Group

Command Path:

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

inherit eigrp vrf-policy <WORD>

Description: Inherit EIGRP VRF Policy under this VRF

Syntax:

eigrp	Inherit EIGRP VRF Policy
vrf-policy	Inherit EIGRP VRF Policy
<i>WORD</i>	Policy name

Command Mode: address-family : EIGRP Policy Address Family

Command Path:

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# router eigrp default
(config-eigrp)# vrf member tenant <WORD> vrf <WORD>
(config-eigrp-vrf)# address-family ipv4|ipv6 unicast
(config-address-family)# inherit eigrp vrf-policy <WORD>
```

inherit analytics-policy

inherit analytics-policy cluster <WORD> server <WORD>

Description: Associate an analytics policy

Syntax:

cluster	Analytics Cluster
<i>WORD</i>	Name of analytics cluster
server	Analytics Server
<i>WORD</i>	Name of analytics policy

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

Command Path:

```
# configure [['terminal', 't']]
(config)# fabric-internal
(config-fabric-internal)# template leaf-policy-group <WORD>
(config-leaf-policy-group)# inherit analytics-policy cluster <WORD> server <WORD>
```

inherit analytics-policy cluster <WORD> server <WORD>

Description: Associate an analytics policy

Syntax:

cluster	Analytics Cluster
<i>WORD</i>	Name of analytics cluster
server	Analytics Server
<i>WORD</i>	Name of analytics policy

Command Mode: template spine-policy-group : Configure Spine Policy Group

Command Path:

```
# configure [['terminal', 't']]
(config)# fabric-internal
(config-fabric-internal)# template spine-policy-group <WORD>
(config-spine-policy-group)# inherit analytics-policy cluster <WORD> server <WORD>
```


inherit bfd

inherit bfd ip|ipv6 <WORD>

Description: BFD Policy

Syntax:

ip	IPv4 Address
ipv6	IPv6 Address
<i>WORD</i>	BFD Policy

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)# inherit bfd ip|ipv6 <WORD>
```

inherit bfd ip|ipv6 <WORD>

Description: BFD Policy

Syntax:

ip	IPv4 Address
ipv6	IPv6 Address
<i>WORD</i>	BFD Policy

Command Mode: template spine-policy-group : Configure Spine Policy Group

Command Path:

```
# configure [['terminal', 't']]
(config)# template spine-policy-group <WORD>
(config-spine-policy-group)# inherit bfd ip|ipv6 <WORD>
```

inherit bgp

inherit bgp timer <WORD>

Description: Inherit VRF specific BGP Timer Policy

Syntax:

timer	Inherit BGP Timer Policy
<i>WORD</i>	BGP Template Policy Name (Max Size 64)

Command Mode: vrf : Virtual Router Context

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)# inherit bgp timer <WORD>
```

inherit bgp timer <WORD>

Description: Inherit VRF specific BGP Timer Policy

Syntax:

timer	Inherit BGP Timer Policy
<i>WORD</i>	BGP Template Policy Name (Max Size 64)

Command Mode: vrf : Virtual Router Context

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)# inherit bgp timer <WORD>
```

inherit bgp address-family

inherit bgp address-family <WORD>

Description: Inherit BGP Address Family Policy

Syntax:

<i>WORD</i>	BGP Address Family Policy Name (Max Size 64)
-------------	--

Command Mode: address-family : Configure an address-family

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)# address-family ipv4|ipv6 unicast
(config-leaf-bgp-vrf-af)# inherit bgp address-family <WORD>
```

inherit bgp address-family <WORD>

Description: Inherit BGP Address Family Policy

Syntax:

<i>WORD</i>	BGP Address Family Policy Name (Max Size 64)
-------------	--

Command Mode: address-family : Configure an address-family

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)# address-family ipv4|ipv6 unicast
(config-leaf-bgp-vrf-af)# inherit bgp address-family <WORD>
```

inherit bgp dampening

inherit bgp dampening <WORD>

Description: Inherit Route Profile with BGP Dampening Policy

Syntax:

<i>WORD</i>	Route Profile with BGP Dampening Policy Name (Max Size 64)
-------------	--

Command Mode: address-family : Configure an address-family

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)# address-family ipv4|ipv6 unicast
(config-leaf-bgp-vrf-af)# inherit bgp dampening <WORD>
```

inherit bgp dampening <WORD>

Description: Inherit Route Profile with BGP Dampening Policy

Syntax:

<i>WORD</i>	Route Profile with BGP Dampening Policy Name (Max Size 64)
-------------	--

Command Mode: address-family : Configure an address-family

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)# address-family ipv4|ipv6 unicast
(config-leaf-bgp-vrf-af)# inherit bgp dampening <WORD>
```

inherit dwdm

inherit dwdm interface-policy <WORD> <NUMBER>

Description: DWDM interface policy

Syntax:

interface-policy	Inherit DWDM interface-policy
<i>WORD</i>	interface policy name (Max Size 64)
<1-96>	dwdmChannelNumber. Number range from=1 to=96

Command Mode: template fabric-interface-policy-group : Configure Leaf Fabric Interface Policy Group Parameters

Command Path:

```
# configure [['terminal', 't']]
(config)# template fabric-interface-policy-group <WORD>
(leaf-fab-pol-grp)# inherit dwdm interface-policy <WORD> <NUMBER>
```

inherit dwdm interface-policy <WORD> <NUMBER>

Description: DWDM interface policy

Syntax:

interface-policy	Inherit DWDM interface-policy
<i>WORD</i>	interface policy name (Max Size 64)
<1-96>	dwdmChannelNumber. Number range from=1 to=96

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

Command Path:

```
# configure [['terminal', 't']]
(config)# template policy-group <WORD>
(config-pol-grp-if)# inherit dwdm interface-policy <WORD> <NUMBER>
```

inherit dwdm interface-policy <WORD> <NUMBER>

Description: DWDM interface policy

Syntax:

interface-policy	Inherit DWDM interface-policy
<i>WORD</i>	interface policy name (Max Size 64)

<1-96>	dwdmChannelNumber. Number range from=1 to=96
--------	--

Command Mode: template spine-fabric-interface-policy-group : Configure Spine Fabric Interface Policy Group Parameters

Command Path:

```
# configure [['terminal', 't']]
(config)# template spine-fabric-interface-policy-group <WORD>
(spine-fab-pol-grp)# inherit dwdm interface-policy <WORD> <NUMBER>
```

inherit dwdm interface-policy <WORD>

Description: Inherit DWDM interface policy

Syntax:

interface-policy	Associate the interface with an new DWDM interface policy
<i>WORD</i>	interface 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)# inherit dwdm interface-policy <WORD>
```

inherit dwdm interface-policy <WORD> <NUMBER>

Description: DWDM interface policy

Syntax:

interface-policy	Inherit DWDM interface-policy
<i>WORD</i>	interface policy name (Max Size 64)
<1-96>	dwdmChannelNumber. Number range from=1 to=96

Command Mode: fabric-interface ethernet : Ethernet IEEE 802.3z

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# fabric-interface ethernet
(config-leaf-if)# inherit dwdm interface-policy <WORD> <NUMBER>
```

inherit dwdm interface-policy <WORD>

Description: Inherit DWDM interface policy

Syntax:

interface-policy	Associate the interface with an new DWDM interface policy
<i>WORD</i>	interface 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)# inherit dwdm interface-policy <WORD>
```

inherit dwdm interface-policy <WORD> <NUMBER>

Description: DWDM interface policy

Syntax:

interface-policy	Inherit DWDM interface-policy
<i>WORD</i>	interface policy name (Max Size 64)
<1-96>	dwdmChannelNumber. Number range from=1 to=96

Command Mode: fabric-interface ethernet : Ethernet IEEE 802.3z

Command Path:

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# fabric-interface ethernet
(config-leaf-if)# inherit dwdm interface-policy <WORD> <NUMBER>
```

inherit eigrp

inherit eigrp ip|ipv6 interface-policy <WORD>

Description: Inherit EIGRP interface template policy

Syntax:

ip	Address Family IPv4
ipv6	Address Family IPv6
interface-policy	Associate the interface with an EIGRP interface policy
<i>WORD</i>	Policy name

Command Mode: interface vlan : Vlan interface

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface vlan <1-4094>
(config-leaf-if)# inherit eigrp ip|ipv6 interface-policy <WORD>
```

inherit eigrp ip|ipv6 interface-policy <WORD>

Description: Inherit EIGRP interface template policy

Syntax:

ip	Address Family IPv4
ipv6	Address Family IPv6
interface-policy	Associate the interface with an EIGRP interface policy
<i>WORD</i>	Policy 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)# inherit eigrp ip|ipv6 interface-policy <WORD>
```

inherit eigrp ip|ipv6 interface-policy <WORD>

Description: Inherit EIGRP interface template policy

Syntax:

ip	Address Family IPv4
ipv6	Address Family IPv6
interface-policy	Associate the interface with an EIGRP interface policy
<i>WORD</i>	Policy name

Command Mode: interface vlan : Vlan interface

Command Path:

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface vlan <1-4094>
(config-leaf-if)# inherit eigrp ip|ipv6 interface-policy <WORD>
```

inherit eigrp ip|ipv6 interface-policy <WORD>

Description: Inherit EIGRP interface template policy

Syntax:

ip	Address Family IPv4
ipv6	Address Family IPv6
interface-policy	Associate the interface with an EIGRP interface policy
<i>WORD</i>	Policy 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)# inherit eigrp ip|ipv6 interface-policy <WORD>
```

inherit fc-fabric-policy

inherit fc-fabric-policy <WORD>

Description: FC Fabric Policy

Syntax:

<i>WORD</i>	FC Fabric Policy
-------------	------------------

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)# inherit fc-fabric-policy <WORD>
```

inherit fc-leaf-policy

inherit fc-leaf-policy <WORD>

Description: FC Leaf Policy

Syntax:

<i>WORD</i>	FC Leaf Policy
-------------	----------------

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)# inherit fc-leaf-policy <WORD>
```

inherit hsrp

inherit hsrp interface-policy <WORD>

Description: Inherit HSRP interface template policy

Syntax:

interface-policy	Associate the interface with an HSRP interface policy
<i>WORD</i>	Policy 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)# inherit hsrp interface-policy <WORD>
```

inherit hsrp interface-policy <WORD>

Description: Inherit HSRP interface template policy

Syntax:

interface-policy	Associate the interface with an HSRP interface policy
<i>WORD</i>	Policy 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)# inherit hsrp interface-policy <WORD>
```

inherit ip

inherit ip arp <WORD>

Description: Inherit IP ARP template policy

Syntax:

arp	Associate the interface with an IP ARP policy
<i>WORD</i>	Policy name

Command Mode: interface vlan : Vlan interface

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface vlan <1-4094>
(config-leaf-if)# inherit ip arp <WORD>
```

inherit ip arp <WORD>

Description: Inherit IP ARP template policy

Syntax:

arp	Associate the interface with an IP ARP policy
<i>WORD</i>	Policy 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)# inherit ip arp <WORD>
```

inherit ip arp <WORD>

Description: Inherit IP ARP template policy

Syntax:

arp	Associate the interface with an IP ARP policy
<i>WORD</i>	Policy name

Command Mode: interface vlan : Vlan interface

Command Path:

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

inherit ip arp <WORD>

Description: Inherit IP ARP template policy

Syntax:

arp	Associate the interface with an IP ARP policy
<i>WORD</i>	Policy 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)# inherit ip arp <WORD>
```

inherit ipsla

inherit ipsla <WORD>

Description: Configure IP SLA Monitoring Policy with PBR

Syntax:

<i>WORD</i>	IPSLA Monitoring Policy
-------------	-------------------------

Command Mode: svcredir-pol : Configure L4L7 service redirection policy

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# svcredir-pol <WORD>
(svcredir-pol)# inherit ipsla <WORD>
```

inherit ipv4

inherit ipv4 ospf vrf-policy <WORD>

Description: Inherit OSPF Template Policy under this VRF

Syntax:

ospf	Inherit OSPF Policy
vrf-policy	Inherit OSPF vrf-policy
<i>WORD</i>	OSPF Template Policy name (Max Size 64)

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)# inherit ipv4 ospf vrf-policy <WORD>
```

inherit ipv4 ospf vrf-policy <WORD>

Description: Inherit OSPF Template Policy under this VRF

Syntax:

ospf	Inherit OSPF Policy
vrf-policy	Inherit OSPF vrf-policy
<i>WORD</i>	OSPF Template Policy name (Max Size 64)

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)# inherit ipv4 ospf vrf-policy <WORD>
```


inherit ipv6-nd

inherit ipv6-nd prefix <WORD> <WORD>

Description: Inherit IPv6 Neighbor Discovery Prefix template policy

Syntax:

prefix	Associate a ND Prefix policy with an IPv6 Prefix
WORD	WORD
WORD	ND Prefix Policy name

Command Mode: interface vlan : Vlan interface

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface vlan <1-4094>
(config-leaf-if)# inherit ipv6-nd prefix <WORD> <WORD>
```

inherit ipv6-nd prefix <WORD> <WORD>

Description: Inherit IPv6 Neighbor Discovery Prefix template policy

Syntax:

prefix	Associate a ND Prefix policy with an IPv6 Prefix
WORD	WORD
WORD	ND Prefix Policy 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)# inherit ipv6-nd prefix <WORD> <WORD>
```

inherit ipv6-nd prefix <WORD> <WORD>

Description: Inherit IPv6 Neighbor Discovery Prefix template policy

Syntax:

prefix	Associate a ND Prefix policy with an IPv6 Prefix
WORD	WORD

<i>WORD</i>	ND Prefix Policy name
-------------	-----------------------

Command Mode: interface vlan : Vlan interface

Command Path:

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface vlan <1-4094>
(config-leaf-if)# inherit ipv6-nd prefix <WORD> <WORD>
```

inherit ipv6-nd prefix <WORD> <WORD>

Description: Inherit IPv6 Neighbor Discovery Prefix template policy

Syntax:

prefix	Associate a ND Prefix policy with an IPv6 Prefix
<i>WORD</i>	WORD
<i>WORD</i>	ND Prefix Policy 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)# inherit ipv6-nd prefix <WORD> <WORD>
```

inherit ipv6

inherit ipv6 nd <WORD>

Description: Inherit IPv6 Neighbor Discovery template policy

Syntax:

nd	Associate the interface with an IPv6 Neighbor Discovery policy
<i>WORD</i>	Policy name

Command Mode: interface vlan : Vlan interface

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface vlan <1-4094>
(config-leaf-if)# inherit ipv6 nd <WORD>
```

inherit ipv6 nd <WORD>

Description: Inherit IPv6 Neighbor Discovery template policy

Syntax:

nd	Associate the interface with an IPv6 Neighbor Discovery policy
<i>WORD</i>	Policy 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)# inherit ipv6 nd <WORD>
```

inherit ipv6 ospf vrf-policy <WORD>

Description: Inherit OSPF Template Policy under this VRF

Syntax:

ospf	Inherit OSPF Policy
vrf-policy	Inherit OSPF vrf-policy
<i>WORD</i>	OSPF Template Policy name (Max Size 64)

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)# inherit ipv6 ospf vrf-policy <WORD>
```

inherit ipv6 nd <WORD>

Description: Inherit IPv6 Neighbor Discovery template policy

Syntax:

nd	Associate the interface with an IPv6 Neighbor Discovery policy
<i>WORD</i>	Policy name

Command Mode: interface vlan : Vlan interface

Command Path:

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface vlan <1-4094>
(config-leaf-if)# inherit ipv6 nd <WORD>
```

inherit ipv6 nd <WORD>

Description: Inherit IPv6 Neighbor Discovery template policy

Syntax:

nd	Associate the interface with an IPv6 Neighbor Discovery policy
<i>WORD</i>	Policy 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)# inherit ipv6 nd <WORD>
```

inherit ipv6 ospf vrf-policy <WORD>

Description: Inherit OSPF Template Policy under this VRF

Syntax:

ospf	Inherit OSPF Policy
vrf-policy	Inherit OSPF vrf-policy

<i>WORD</i>	OSPF Template Policy name (Max Size 64)
-------------	---

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)# inherit ipv6 ospf vrf-policy <WORD>
```

inherit isis-fabric

inherit isis-fabric <WORD>

Description: InterSystem-InterSystem Protocol (IS-IS)

Syntax:

<i>WORD</i>	IS-IS Fabric template (Max Size 64)
-------------	-------------------------------------

Command Mode: template pod-group : POD Group

Command Path:

```
# configure [['terminal', 't']]
(config)# template pod-group <WORD>
(config-pod-group)# inherit isis-fabric <WORD>
```

inherit macsec-fabric

inherit macsec-fabric <WORD>

Description: MAC security fabric interface policy name

Syntax:

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

Command Mode: template pod-group : POD Group

Command Path:

```
# configure [['terminal', 't']]
(config)# template pod-group <WORD>
(config-pod-group)# inherit macsec-fabric <WORD>
```

inherit macsec

inherit macsec interface-policy <WORD>

Description: MAC security interface policy

Syntax:

interface-policy	Inherit MAC Security interface-policy
<i>WORD</i>	interface policy name (Max Size 64)

Command Mode: template fabric-interface-policy-group : Configure Leaf Fabric Interface Policy Group Parameters

Command Path:

```
# configure [['terminal', 't']]
(config)# template fabric-interface-policy-group <WORD>
(leaf-fab-pol-grp)# inherit macsec interface-policy <WORD>
```

inherit macsec interface-policy <WORD>

Description: MAC security interface policy

Syntax:

interface-policy	Inherit MAC Security interface-policy
<i>WORD</i>	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)# inherit macsec interface-policy <WORD>
```

inherit macsec interface-policy <WORD>

Description: MAC security interface policy

Syntax:

interface-policy	Inherit MAC Security interface-policy
<i>WORD</i>	interface 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)# inherit macsec interface-policy <WORD>
```

inherit macsec interface-policy <WORD>

Description: MAC security interface policy

Syntax:

interface-policy	Inherit MAC Security interface-policy
<i>WORD</i>	interface policy name (Max Size 64)

Command Mode: template spine-fabric-interface-policy-group : Configure Spine Fabric Interface Policy Group Parameters

Command Path:

```
# configure [['terminal', 't']]
(config)# template spine-fabric-interface-policy-group <WORD>
(spine-fab-pol-grp)# inherit macsec interface-policy <WORD>
```

inherit macsec interface-policy <WORD>

Description: MAC security interface policy

Syntax:

interface-policy	Inherit MAC Security interface-policy
<i>WORD</i>	interface policy name (Max Size 64)

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)# inherit macsec interface-policy <WORD>
```

inherit macsec interface-policy <WORD>

Description: Inherit MAC security interface policy

Syntax:

interface-policy	Associate the interface with an MAC security interface policy
<i>WORD</i>	interface 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)# inherit macsec interface-policy <WORD>
```

inherit macsec interface-policy <WORD>

Description: Inherit MAC security interface policy

Syntax:

interface-policy	Associate the interface with an MAC security interface policy
<i>WORD</i>	interface 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)# inherit macsec interface-policy <WORD>
```

inherit macsec interface-policy <WORD>

Description: MAC security interface policy

Syntax:

interface-policy	Inherit MAC Security interface-policy
<i>WORD</i>	interface policy name (Max Size 64)

Command Mode: fabric-interface ethernet : Ethernet IEEE 802.3z

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# fabric-interface ethernet
(config-leaf-if)# inherit macsec interface-policy <WORD>
```

inherit macsec interface-policy <WORD>

Description: Inherit MAC security interface policy

Syntax:

interface-policy	Associate the interface with an MAC security interface policy
<i>WORD</i>	interface 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)# inherit macsec interface-policy <WORD>
```

inherit macsec interface-policy <WORD>**Description:** Inherit MAC security interface policy**Syntax:**

interface-policy	Associate the interface with an MAC security interface policy
<i>WORD</i>	interface 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)# inherit macsec interface-policy <WORD>
```

inherit macsec interface-policy <WORD>**Description:** MAC security interface policy**Syntax:**

interface-policy	Inherit MAC Security interface-policy
<i>WORD</i>	interface policy name (Max Size 64)

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

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# fabric-interface ethernet
(config-leaf-if)# inherit macsec interface-policy <WORD>
```

inherit macsec interface-policy <WORD>**Description:** Inherit MAC security interface policy**Syntax:**

interface-policy	Associate the interface with an MAC security interface policy
<i>WORD</i>	interface 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)# inherit macsec interface-policy <WORD>
```

inherit macsec security-policy auto-key-generation

inherit macsec security-policy <WORD> auto-key-generation

Description: Use auto key generation

Syntax:

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

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

Command Path:

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

inherit macsec security-policy keychain

inherit macsec security-policy <WORD> keychain <WORD>

Description: key chain

Syntax:

<i>WORD</i>	macsec policy name (Max Size 64)
<i>WORD</i>	Keychain name (Max Size 64)

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

Command Path:

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

inherit node-control-policy

inherit node-control-policy <WORD>

Description: Associate an node-control policy

Syntax:

<i>WORD</i>	Name of node-control policy
-------------	-----------------------------

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

Command Path:

```
# configure [['terminal', 't']]
(config)# fabric-internal
(config-fabric-internal)# template leaf-policy-group <WORD>
(config-leaf-policy-group)# inherit node-control-policy <WORD>
```

inherit node-control-policy <WORD>

Description: Associate an node-control policy

Syntax:

<i>WORD</i>	Name of node-control policy
-------------	-----------------------------

Command Mode: template spine-policy-group : Configure Spine Policy Group

Command Path:

```
# configure [['terminal', 't']]
(config)# fabric-internal
(config-fabric-internal)# template spine-policy-group <WORD>
(config-spine-policy-group)# inherit node-control-policy <WORD>
```

inherit node-only

inherit node-only bgp timer <WORD>

Description: Inherit node specific BGP Timer Policy

Syntax:

bgp	Inherit BGP Timer Policy
timer	Inherit BGP Timer Policy
<i>WORD</i>	BGP Template Policy Name (Max Size 64)

Command Mode: vrf : Virtual Router Context

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)# inherit node-only bgp timer <WORD>
```

inherit node-only bgp timer <WORD>

Description: Inherit node specific BGP Timer Policy

Syntax:

bgp	Inherit BGP Timer Policy
timer	Inherit BGP Timer Policy
<i>WORD</i>	BGP Template Policy Name (Max Size 64)

Command Mode: vrf : Virtual Router Context

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)# inherit node-only bgp timer <WORD>
```


inherit ntp-fabric

inherit ntp-fabric <WORD>

Description: Network Time Protocol (NTP)

Syntax:

<i>WORD</i>	NTP Fabric template (Max Size 64)
-------------	-----------------------------------

Command Mode: template pod-group : POD Group

Command Path:

```
# configure [['terminal', 't']]
(config)# template pod-group <WORD>
(config-pod-group)# inherit ntp-fabric <WORD>
```

inherit pod-group

inherit pod-group <WORD>

Description: Pod Group

Syntax:

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

Command Mode: pods : Set of PODs

Command Path:

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

inherit redirect-health-group

inherit redirect-health-group <WORD>

Description: Configure RedirectHealthGroup with PBR Destination

Syntax:

<i>WORD</i>	Redirect Health Group
-------------	-----------------------

Command Mode: l1l2redir-dest : Configure l1l2redirect destination

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# svcredir-pol <WORD>
(svcdir-pol)# l1l2redir-dest <WORD>
(config-l1l2redir-dest)# inherit redirect-health-group <WORD>
```

inherit snmp-fabric

inherit snmp-fabric <WORD>

Description: Simple Network Management Protocol (SNMP)

Syntax:

<i>WORD</i>	SNMP Fabric template (Max Size 64)
-------------	------------------------------------

Command Mode: template pod-group : POD Group

Command Path:

```
# configure [['terminal', 't']]
(config)# template pod-group <WORD>
(config-pod-group)# inherit snmp-fabric <WORD>
```

inherit twamp-responder-policy

inherit twamp-responder-policy <WORD>

Description: Associate a twamp-responder policy

Syntax:

<i>WORD</i>	Name of twamp-responder policy
-------------	--------------------------------

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

Command Path:

```
# configure [['terminal', 't']]
(config)# fabric-internal
(config-fabric-internal)# template leaf-policy-group <WORD>
(config-leaf-policy-group)# inherit twamp-responder-policy <WORD>
```

inherit twamp-responder-policy <WORD>

Description: Associate a twamp-responder policy

Syntax:

<i>WORD</i>	Name of twamp-responder policy
-------------	--------------------------------

Command Mode: template spine-policy-group : Configure Spine Policy Group

Command Path:

```
# configure [['terminal', 't']]
(config)# fabric-internal
(config-fabric-internal)# template spine-policy-group <WORD>
(config-spine-policy-group)# inherit twamp-responder-policy <WORD>
```

inherit twamp-server-policy

inherit twamp-server-policy <WORD>

Description: Associate a twamp-server policy

Syntax:

<i>WORD</i>	Name of twamp-server policy
-------------	-----------------------------

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

Command Path:

```
# configure [['terminal', 't']]
(config)# fabric-internal
(config-fabric-internal)# template leaf-policy-group <WORD>
(config-leaf-policy-group)# inherit twamp-server-policy <WORD>
```

inherit twamp-server-policy <WORD>

Description: Associate a twamp-server policy

Syntax:

<i>WORD</i>	Name of twamp-server policy
-------------	-----------------------------

Command Mode: template spine-policy-group : Configure Spine Policy Group

Command Path:

```
# configure [['terminal', 't']]
(config)# fabric-internal
(config-fabric-internal)# template spine-policy-group <WORD>
(config-spine-policy-group)# inherit twamp-server-policy <WORD>
```

inherit vsan-attribute

inherit vsan-attribute <WORD>

Description: Configure Vsan Attribute Policy

Syntax:

<i>WORD</i>	Configure Vsan Attribute Policy
-------------	---------------------------------

Command Mode: vsan-domain : Configure vsan domain

Command Path:

```
# configure [['terminal', 't']]
(config)# vsan-domain <name>
(config-vsan)# inherit vsan-attribute <WORD>
```

inst-pol

inst-pol <WORD> <vmm-domain> <ctrlr> <vm-template> <resource-pool> <datastore>

Description: Configure L4L7 service vm instantiation policy

Syntax:

<i>WORD</i>	service vm instantiation policy name (Max Size 16)
<i>vmm-domain</i>	Select Domain
<i>ctrlr</i>	Select ctrlr
<i>vm-template</i>	Select vcenter under domain
<i>resource-pool</i>	Select resourcepool for instpol
<i>datastore</i>	select datastore

Command Mode: tenant : Tenant configuration mode

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# inst-pol <WORD> <vmm-domain> <ctrlr> <vm-template> <resource-pool>
<datastore>
```


instance

instance <NUMBER> vlan <RANGE>

Description: Maps VLANs to an MST instance

Syntax:

<1-4094>	MST instance ID. Number range from=1 to=4094
vlan	Virtual LAN
RANGE	VLAN range. Ex.: 10-3000

Command Mode: region : STP MST region configuration mode

Command Path:

```
# configure [['terminal', 't']]
(config)# spanning-tree mst configuration
(config-stp)# region <WORD>
(config-stp-region)# instance <NUMBER> vlan <RANGE>
```

integrations-group

integrations-group <WORD>

Description: Integrations Group

Syntax:

<i>WORD</i>	group name (Max Size None)
-------------	----------------------------

Command Mode: configure : Configuration Mode

Command Path:

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

integrations-mgr

integrations-mgr <WORD> <type>

Description: Integrations Manager

Syntax:

<i>WORD</i>	manager name (Max Size 64)
< <i>type</i> >	Device Type

Command Mode: integrations-group : Integrations Group

Command Path:

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

interface

interface bridge-domain <WORD>

Description: Configuration for interface bridge-domain

Syntax:

bridge-domain	Name of the bridge-domain
<i>WORD</i>	Name of the bridge-domain (Max Size 64)

Command Mode: tenant : Tenant configuration mode

Command Path:

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

interface ethernet

Description: Provide a Range of Interfaces

Syntax:

ethernet	Configure Physical Interface
<i>arg</i>	Provide range of Interfaces

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)# interface ethernet
```

interface ethernet

Description: Configure Ports on the Fex Interface Group

Syntax:

ethernet	Configure Physical Interface
<i>arg</i>	Provide range of Interfaces

Command Mode: fex-interface-group : Configure Fex Interface Group

Command Path:

```
# configure [['terminal', 't']]
(config)# fex-profile <WORD>
(config-fex-profile)# fex-interface-group <WORD>
(config-fex-if-group)# interface ethernet
```

interface ethernet

Description: Provide a Range of Interfaces

Syntax:

ethernet	Configure Physical Interface
<i>arg</i>	Provide range of Interfaces

Command Mode: leaf-interface-group : Configure Leaf Interface Group

Command Path:

```
# configure [['terminal', 't']]
(config)# fabric-internal
(config-fabric-internal)# leaf-interface-profile <WORD>
(config-leaf-if-profile)# leaf-interface-group <WORD>
(config-leaf-if-group)# interface ethernet
```

interface ethernet

Description: Provide a Range of Interfaces

Syntax:

ethernet	Configure Physical Interface
<i>arg</i>	Provide range of Interfaces

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)# interface ethernet
```

interface vpc <WORD> [fex <fex>]

Description: Provide VPC Name

Syntax:

vpc	VPC Interface
<i>WORD</i>	VPC Name (Max Size 64)

<i>fex</i>	(Optional) Fex Id. Number range from=101 to=199
------------	---

Command Mode: vpc context : Enter vpc context

Command Path:

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

interface ethernet

interface ethernet <ethernet> leaf <leaf-id>

Description: Configure Physical Ethernet Port as a Cluster Member Interface

Syntax:

<ethernet>	List of ethernet itfs
leaf	Leaf ID that connects to cluster ethernet interface on (physical) device.
<leaf-id>	Leaf ID that connects to cluster ethernet interface on (physical) device.

Command Mode: member : Configure Cluster Interface Member

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# 1417 cluster name <WORD> type <type> vlan-domain <domain-name>
[switching-mode <switching-mode>] [service <service>] [function <function>] [context
<context>] [trunking <enable|disable>] [vm-instantiation-policy <vm-instantiation-policy>]
(config-cluster)# cluster-interface <WORD> [vlan <NUMBER>]
(config-cluster-interface)# member device <WORD> device-interface <WORD>
(config-member)# interface ethernet <ethernet> leaf <leaf-id>
```

interface ethernet

Description: Provide a Range of Interfaces

Syntax:

<i>arg</i>	Provide range of Interfaces
------------	-----------------------------

Command Mode: leaf-interface-group : Configure Leaf Interface Group

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf-interface-profile <WORD>
(config-leaf-if-profile)# leaf-interface-group <WORD>
(config-leaf-if-group)# interface ethernet
```

interface ethernet <ifRange>

Description: Ethernet IEEE 802.3z

Syntax:

<ifRange>	interface Range
-----------	-----------------

Command Mode: leaf : Configure Leaf Node

Command Path:

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

interface ethernet <ifRange>**Description:** Ethernet IEEE 802.3z**Syntax:**

<i><ifRange></i>	interface Range
------------------------	-----------------

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

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface ethernet <ifRange>
```


interface fc-port-channel

interface fc-port-channel <WORD>

Description: FC Port Channel

Syntax:

<i>WORD</i>	Port-Channel Name (Max Size 64)
-------------	---------------------------------

Command Mode: leaf : Configure Leaf Node

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface fc-port-channel <WORD>
```

interface fc-port-channel <WORD>

Description: FC Port Channel

Syntax:

<i>WORD</i>	Port-Channel Name (Max Size 64)
-------------	---------------------------------

Command Mode: spine : Configure Spine Node

Command Path:

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface fc-port-channel <WORD>
```

interface fc

interface fc

Description: Configure a native FC Interface

Syntax:

<i>arg</i>	Provide range of Interfaces
------------	-----------------------------

Command Mode: leaf-interface-group : Configure Leaf Interface Group

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf-interface-profile <WORD>
(config-leaf-if-profile)# leaf-interface-group <WORD>
(config-leaf-if-group)# interface fc
```

interface fc <ifRange>

Description: FC Interface

Syntax:

<ifRange>	interface Range
-----------	-----------------

Command Mode: leaf : Configure Leaf Node

Command Path:

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

interface fc <ifRange>

Description: FC Interface

Syntax:

<ifRange>	interface Range
-----------	-----------------

Command Mode: spine : Configure Spine Node

Command Path:

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface fc <ifRange>
```

interface inband-mgmt0

interface inband-mgmt0

Description: Inband management interface

Command Mode: controller : Configure Controller Node

Command Path:

```
# configure [['terminal', 't']]
(config)# controller
(config-controller)# interface inband-mgmt0
```

interface inband-mgmt0

Description: Inband management interface

Command Mode: switch : Configure Leaf Node

Command Path:

```
# configure [['terminal', 't']]
(config)# switch
(config-switch)# interface inband-mgmt0
```

interface mgmt0

interface mgmt0

Description: Out of band management interface

Command Mode: controller : Configure Controller Node

Command Path:

```
# configure [['terminal', 't']]
(config)# controller
(config-controller)# interface mgmt0
```

interface mgmt0

Description: Out of band management interface

Command Mode: switch : Configure Leaf Node

Command Path:

```
# configure [['terminal', 't']]
(config)# switch
(config-switch)# interface mgmt0
```

interface port-channel

interface port-channel <port-channel-name> leaf <NUMBER> [fex <fex-id>]

Description: Configure Port Channel as a Cluster Member Interface

Syntax:

<i><port-channel-name></i>	Name of the port-channel
leaf	Leaf Id for the port-channel
<i>NUMBER</i>	Leaf Id for the port channel.. Number range from=0 to=9223372036854775807
<i><fex-id></i>	(Optional) Fex ID that connects to cluster interface interface on (physical) device.

Command Mode: member : Configure Cluster Interface Member

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# 1417 cluster name <WORD> type <type> vlan-domain <domain-name>
[switching-mode <switching-mode>] [service <service>] [function <function>] [context
<context>] [trunking <enable|disable>] [vm-instantiation-policy <vm-instantiation-policy>]
(config-cluster)# cluster-interface <WORD> [vlan <NUMBER>]
(config-cluster-interface)# member device <WORD> device-interface <WORD>
(config-member)# interface port-channel <port-channel-name> leaf <NUMBER> [fex <fex-id>]
```

interface port-channel <WORD> [fex <fex>]

Description: Port Channel interface

Syntax:

<i>WORD</i>	Port-Channel Name (Max Size 64)
<i>fex</i>	(Optional) Fex Id. Number range from=101 to=199

Command Mode: leaf : Configure Leaf Node

Command Path:

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

interface port-channel <WORD> [fex <fex>]

Description: Port Channel interface

Syntax:

<i>WORD</i>	Port-Channel Name (Max Size 64)
<i>fex</i>	(Optional) Fex Id. Number range from=101 to=199

Command Mode: spine : Configure Spine Node

Command Path:

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface port-channel <WORD> [fex <fex>]
```

interface vfc-po

interface vfc-po <WORD> [fex <fex>]

Description: VFC Port Channel interface

Syntax:

<i>WORD</i>	Port-Channel Name (Max Size 64)
<i>fex</i>	(Optional) Fex Id. Number range from=101 to=199

Command Mode: leaf : Configure Leaf Node

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface vfc-po <WORD> [fex <fex>]
```

interface vfc-po <WORD> [fex <fex>]

Description: VFC Port Channel interface

Syntax:

<i>WORD</i>	Port-Channel Name (Max Size 64)
<i>fex</i>	(Optional) Fex Id. Number range from=101 to=199

Command Mode: spine : Configure Spine Node

Command Path:

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface vfc-po <WORD> [fex <fex>]
```

interface vfc

interface vfc <ifRange>

Description: Virtual Fiber Channel interface

Syntax:

<ifRange>	interface Range
-----------	-----------------

Command Mode: leaf : Configure Leaf Node

Command Path:

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

interface vfc <ifRange>

Description: Virtual Fiber Channel interface

Syntax:

<ifRange>	interface Range
-----------	-----------------

Command Mode: spine : Configure Spine Node

Command Path:

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface vfc <ifRange>
```


interface vlan

interface vlan <1-4094>**Description:** Vlan interface**Syntax:**

<1-4094>	Vlan interface number
----------	-----------------------

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

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

interface vlan <1-4094>**Description:** Vlan interface**Syntax:**

<1-4094>	Vlan interface number
----------	-----------------------

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

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

interface vpc

interface vpc <vpc-name> leaf <NUMBER> <NUMBER> [fex fex <Ids>]

Description: Configure monitor for VPC interfaces

Syntax:

<i><vpc-name></i>	VPC port-channel group name
leaf	leaf
<i>NUMBER</i>	First leaf member of the Pair. Number range from=0 to=9223372036854775807
<i>NUMBER</i>	Second leaf member of the Pair. Number range from=0 to=9223372036854775807
<i>fex <Ids></i>	(Optional) paired fex Ids

Command Mode: member : Configure Cluster Interface Member

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# 1417 cluster name <WORD> type <type> vlan-domain <domain-name>
[switching-mode <switching-mode>] [service <service>] [function <function>] [context
<context>] [trunking <enable|disable>] [vm-instantiation-policy <vm-instantiation-policy>]
(config-cluster)# cluster-interface <WORD> [vlan <NUMBER>]
(config-cluster-interface)# member device <WORD> device-interface <WORD>
(config-member)# interface vpc <vpc-name> leaf <NUMBER> <NUMBER> [fex fex <Ids>]
```

interpod

interpod data hardware-proxy <A.B.C.D>

Description: Interpod anycast hardware-proxy ip

Syntax:

data	Interpod anycast hardware-proxy ip
hardware-proxy	Interpod anycast hardware-proxy ip
<i>A.B.C.D</i>	IPV4 address in format x.x.x.x

Command Mode: pod : Pod Profile

Command Path:

```
# configure [['terminal', 't']]
(config)# fabric-external <NUMBER>
(config-fabric-external)# pod <NUMBER>
(config-fabric-external-pod)# interpod data hardware-proxy <A.B.C.D>
```

ip-filter-action

ip-filter-action deny|permit

Description: IP filtering action for VRF filtering

Syntax:

deny	Deny IP traffic
permit	Allow IP traffic

Command Mode: flow-exporter : Configure external analytics reachability information

Command Path:

```
# configure [['terminal', 't']]
(config)# analytics cluster <WORD>
(config-analytics)# flow-exporter <WORD>
(config-analytics-cluster-exporter)# ip-filter-action deny|permit
```

ip-inspection-admin-status

ip-inspection-admin-status enabled-both|disabled

Description: Config IP inspection administrative status in first hop security bridge domain policy

Syntax:

enabled-both	Enable IP inspection for both IPv4 and IPv6
disabled	Disable IP inspection

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)# ip-inspection-admin-status enabled-both|disabled
```

ip

ip learning

Description: Instruct the destination leaf to learn source ip of the packet

Syntax:

learning	ip learning
----------	-------------

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

Command Path:

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

ip route <A.B.C.D/LEN> <ipAddress|null> <ZeroorPref> <BfdorPref> [ip-trackList <ip-trackList>] [nh-trackList <nh-trackList>]

Description: Configure IP features

Syntax:

route	Route information
<i>A.B.C.D/LEN</i>	IP prefix and network mask length in format x.x.x.x/m
<i>ipAddress null</i>	
<i><ZeroorPref></i>	
<i><BfdorPref></i>	
<i>ip-trackList</i>	(Optional) Select TrackList for IpRoute
<i>nh-trackList</i>	(Optional) Select TrackList for IpNextHop

Command Mode: vrf : Configure VRF parameters

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# vrf context tenant <WORD> vrf <WORD> [l3out <l3out>]
(config-leaf-vrf)# ip route <A.B.C.D/LEN> <ipAddress|null> <ZeroorPref> <BfdorPref>
[ip-trackList <ip-trackList>] [nh-trackList <nh-trackList>]
```

ip <arg> [secondary]

Description: Enable HSRP IP and set the virtual IP address

Syntax:

<i>arg</i>	
secondary	(Optional) Configure IP Address as Secondary IP

Command Mode: hsrp group : Configure HSRP Group

Command Path:

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

ip <arg> [secondary]

Description: Enable HSRP IP and set the virtual IP address

Syntax:

<i>arg</i>	
secondary	(Optional) Configure IP Address as Secondary IP

Command Mode: hsrp group : Configure HSRP Group

Command Path:

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

ip route <A.B.C.D/LEN> <ipAddress|null> <ZeroorPref> <BfdorPref> [ip-trackList <ip-trackList>] [nh-trackList <nh-trackList>]

Description: Configure IP features

Syntax:

route	Route information
<i>A.B.C.D/LEN</i>	IP prefix and network mask length in format x.x.x.x/m
<i>ipAddress null</i>	
<i><ZeroorPref></i>	
<i><BfdorPref></i>	
<i>ip-trackList</i>	(Optional) Select TrackList for IpRoute
<i>nh-trackList</i>	(Optional) Select TrackList for IpNextHop

Command Mode: vrf : Configure VRF parameters

Command Path:

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# vrf context tenant <WORD> vrf <WORD> [l3out <l3out>]
(config-leaf-vrf)# ip route <A.B.C.D/LEN> <ipAddress|null> <ZeroorPref> <BfdorPref>
[ip-trackList <ip-trackList>] [nh-trackList <nh-trackList>]
```

ip <arg> [secondary]

Description: Enable HSRP IP and set the virtual IP address

Syntax:

<i>arg</i>	
secondary	(Optional) Configure IP Address as Secondary IP

Command Mode: hsrp group : Configure HSRP Group

Command Path:

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

ip <arg> [secondary]

Description: Enable HSRP IP and set the virtual IP address

Syntax:

<i>arg</i>	
secondary	(Optional) Configure IP Address as Secondary IP

Command Mode: hsrp group : Configure HSRP Group

Command Path:

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

ip prefix-list <name> [permit <A.B.C.D/LEN>]

Description: Import Prefix list

Syntax:

prefix-list	Prefix List
<i>name</i>	Prefix list name
<i>A.B.C.D/LEN</i>	(Optional) IPV4 address in format x.x.x.x/LEN

Command Mode: route-map : Import subnet from IPN

Command Path:

```
# configure [['terminal', 't']]
(config)# fabric-external <NUMBER>
(config-fabric-external)# route-map interpod-import
(config-fabric-external-route-map)# ip prefix-list <name> [permit <A.B.C.D/LEN>]
```

ip address-range

ip address-range <A.B.C.D/LEN> gateway <A.B.C.D>

Description: Configure IP and gateway features

Syntax:

<i>A.B.C.D/LEN</i>	IP Address and network mask length in format x.x.x.x/m
gateway	Configure gateway address on interface
<i>A.B.C.D</i>	Gateway address in format x.x.x.x

Command Mode: interface mgmt0 : Out of band management interface

Command Path:

```
# configure [['terminal', 't']]
(config)# controller
(config-controller)# interface mgmt0
(config-controller-if)# ip address-range <A.B.C.D/LEN> gateway <A.B.C.D>
```

ip address-range <A.B.C.D/LEN> gateway <A.B.C.D>

Description: Configure IP and gateway features

Syntax:

<i>A.B.C.D/LEN</i>	IP address and network mask length in format x.x.x.x/m
gateway	Configure gateway address on interface
<i>A.B.C.D</i>	Gateway address in format x.x.x.x

Command Mode: interface inband-mgmt0 : Inband management interface

Command Path:

```
# configure [['terminal', 't']]
(config)# controller
(config-controller)# interface inband-mgmt0
(config-controller-if)# ip address-range <A.B.C.D/LEN> gateway <A.B.C.D>
```

ip address-range <A.B.C.D/LEN> gateway <A.B.C.D>

Description: Configure IP and gateway features

Syntax:

<i>A.B.C.D/LEN</i>	IP Address and network mask length in format x.x.x.x/m
gateway	Configure gateway address on interface

<i>A.B.C.D</i>	Gateway address in format x.x.x.x
----------------	-----------------------------------

Command Mode: interface mgmt0 : Out of band management interface

Command Path:

```
# configure [['terminal', 't']]
(config)# switch
(config-switch)# interface mgmt0
(config-switch-if)# ip address-range <A.B.C.D/LEN> gateway <A.B.C.D>
```

ip address-range <A.B.C.D> gateway <A.B.C.D>

Description: Configure IP and gateway features

Syntax:

<i>A.B.C.D</i>	IP address and network mask length in format x.x.x.x/m
gateway	Configure gateway address on interface
<i>A.B.C.D</i>	Gateway address in format x.x.x.x

Command Mode: interface inband-mgmt0 : Inband management interface

Command Path:

```
# configure [['terminal', 't']]
(config)# switch
(config-switch)# interface inband-mgmt0
(config-switch-if)# ip address-range <A.B.C.D> gateway <A.B.C.D>
```

ip address

ip address <A.B.C.D/LEN> [scope <scope>] [secondary] [multi-site] [snooping-querier]

Description: Define an IPv4 subnet to be exported by the BD

Syntax:

<i>A.B.C.D/LEN</i>	IP prefix and network mask length in format x.x.x.x/m
<i>scope</i>	(Optional) Scope of the address among ['public', 'private']
secondary	(Optional) Set the address as secondary address
multi-site	(Optional) Set the address as multi-site address
snooping-querier	(Optional) Tell the address to be used by IGMP Snooping querier functionality if enabled

Command Mode: interface : Configuration for interface bridge-domain

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# interface bridge-domain <WORD>
(config-tenant-interface)# ip address <A.B.C.D/LEN> [scope <scope>] [secondary] [multi-site]
[snooping-querier]
```

ip address <A.B.C.D/LEN> [secondary]

Description: Configure IP address on interface

Syntax:

<i>A.B.C.D/LEN</i>	IP prefix and network mask length in format x.x.x.x/m
secondary	(Optional) Configure additional IP addresses on interface

Command Mode: interface vlan : Vlan interface

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface vlan <1-4094>
(config-leaf-if)# ip address <A.B.C.D/LEN> [secondary]
```

ip address <A.B.C.D/LEN> [secondary]

Description: Configure IP address on interface

Syntax:

<i>A.B.C.D/LEN</i>	IP prefix and network mask length in format x.x.x.x/m
secondary	(Optional) Configure IP Address as Secondary IP

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)# ip address <A.B.C.D/LEN> [secondary]
```

ip address <A.B.C.D/LEN> [secondary]

Description: Configure IP address on interface

Syntax:

<i>A.B.C.D/LEN</i>	IP prefix and network mask length in format x.x.x.x/m
secondary	(Optional) Configure IP Address as Secondary IP

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)# ip address <A.B.C.D/LEN> [secondary]
```

ip address <A.B.C.D/LEN> [secondary]

Description: Configure IP address on interface

Syntax:

<i>A.B.C.D/LEN</i>	IP prefix and network mask length in format x.x.x.x/m
secondary	(Optional) Configure additional IP addresses on interface

Command Mode: interface vlan : Vlan interface

Command Path:

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface vlan <1-4094>
(config-leaf-if)# ip address <A.B.C.D/LEN> [secondary]
```

ip address <A.B.C.D/LEN> [secondary]

Description: Configure IP address on interface

Syntax:

<i>A.B.C.D/LEN</i>	IP prefix and network mask length in format x.x.x.x/m
secondary	(Optional) Configure IP Address as Secondary IP

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)# ip address <A.B.C.D/LEN> [secondary]
```

ip address <A.B.C.D/LEN> [secondary]

Description: Configure IP address on interface

Syntax:

<i>A.B.C.D/LEN</i>	IP prefix and network mask length in format x.x.x.x/m
secondary	(Optional) Configure IP Address as Secondary IP

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)# ip address <A.B.C.D/LEN> [secondary]
```

ip address <A.B.C.D/LEN> gateway <A.B.C.D>

Description: Configure IP and gateway features

Syntax:

<i>A.B.C.D/LEN</i>	IP prefix and network mask length in format x.x.x.x/m
gateway	Configure gateway address on interface
<i>A.B.C.D</i>	Gateway address in format x.x.x.x

Command Mode: interface mgmt0 : Out of band management interface

Command Path:

```
# configure [['terminal', 't']]
(config)# controller
(config-controller)# interface mgmt0
(config-controller-if)# ip address <A.B.C.D/LEN> gateway <A.B.C.D>
```

ip address <A.B.C.D/LEN> gateway <A.B.C.D>**Description:** Configure IP and gateway features**Syntax:**

<i>A.B.C.D/LEN</i>	IP address and network mask length in format x.x.x.x/m
gateway	Configure gateway address on interface
<i>A.B.C.D</i>	Gateway address in format x.x.x.x

Command Mode: interface inband-mgmt0 : Inband management interface**Command Path:**

```
# configure [['terminal', 't']]
(config)# controller
(config-controller)# interface inband-mgmt0
(config-controller-if)# ip address <A.B.C.D/LEN> gateway <A.B.C.D>
```

ip address <A.B.C.D/LEN> gateway <A.B.C.D>**Description:** Configure IP and gateway features**Syntax:**

<i>A.B.C.D/LEN</i>	IP prefix and network mask length in format x.x.x.x/m
gateway	Configure gateway address on interface
<i>A.B.C.D</i>	Gateway address in format x.x.x.x

Command Mode: interface mgmt0 : Out of band management interface**Command Path:**

```
# configure [['terminal', 't']]
(config)# switch
(config-switch)# interface mgmt0
(config-switch-if)# ip address <A.B.C.D/LEN> gateway <A.B.C.D>
```

ip address <A.B.C.D/LEN> gateway <A.B.C.D>**Description:** Configure IP and gateway features**Syntax:**

<i>A.B.C.D/LEN</i>	IP address and network mask length in format x.x.x.x/m
gateway	Configure gateway address on interface
<i>A.B.C.D</i>	Gateway address in format x.x.x.x

Command Mode: interface inband-mgmt0 : Inband management interface

Command Path:

```
# configure [['terminal', 't']]
(config)# switch
(config-switch)# interface inband-mgmt0
(config-switch-if)# ip address <A.B.C.D/LEN> gateway <A.B.C.D>
```


ip address tenant application

ip address <A.B.C.D> tenant <WORD> application <WORD> epg <WORD>

Description: Add a new server relay address under an AEPg

Syntax:

<i>A.B.C.D</i>	IP address in format i.i.i.i
tenant	Tenant hosting the DHCP server
<i>WORD</i>	Tenant hosting the EPG (Max Size 63)
<i>WORD</i>	Application hosting the EPG (Max Size 64)
epg	AEPg behind which the DHCP server sits
<i>WORD</i>	AEPg behind which the DHCP server sits (Max Size 64)

Command Mode: template dhcp relay : Create a DHCP Relay policy

Command Path:

```
# configure [['terminal', 't']]
(config)# template dhcp relay policy <WORD>
(config-template-dhcp-relay)# ip address <A.B.C.D> tenant <WORD> application <WORD> epg
<WORD>
```

ip address <A.B.C.D> tenant <WORD> application <WORD> epg <WORD>

Description: Add a new server relay address under an AEPg

Syntax:

<i>A.B.C.D</i>	IP address in format i.i.i.i
tenant	Tenant hosting the DHCP server
<i>WORD</i>	Tenant hosting the EPG (Max Size 63)
<i>WORD</i>	Application hosting the EPG (Max Size 64)
epg	AEPg behind which the DHCP server sits
<i>WORD</i>	AEPg behind which the DHCP server sits (Max Size 64)

Command Mode: template dhcp relay : Create a DHCP Relay policy

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# template dhcp relay policy <WORD>
```

```
(config-tenant-template-dhcp-relay)# ip address <A.B.C.D> tenant <WORD> application <WORD>  
epg <WORD>
```

ip address tenant external-l2

ip address <A.B.C.D> tenant <WORD> external-l2 epg <WORD>

Description: Add a new server relay address under a L2 External EPG

Syntax:

<i>A.B.C.D</i>	IP address in format i.i.i.i
tenant	Tenant hosting the DHCP server
<i>WORD</i>	Tenant hosting the EPG (Max Size 63)
epg	epg keyword
<i>WORD</i>	l2 external EPG behind which the DHCP server sits (Max Size 64)

Command Mode: template dhcp relay : Create a DHCP Relay policy

Command Path:

```
# configure [['terminal', 't']]
(config)# template dhcp relay policy <WORD>
(config-template-dhcp-relay)# ip address <A.B.C.D> tenant <WORD> external-l2 epg <WORD>
```

ip address <A.B.C.D> tenant <WORD> external-l2 epg <WORD>

Description: Add a new server relay address under a L2 External EPG

Syntax:

<i>A.B.C.D</i>	IP address in format i.i.i.i
tenant	Tenant hosting the DHCP server
<i>WORD</i>	Tenant hosting the EPG (Max Size 63)
epg	epg keyword
<i>WORD</i>	l2 external EPG behind which the DHCP server sits (Max Size 64)

Command Mode: template dhcp relay : Create a DHCP Relay policy

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# template dhcp relay policy <WORD>
(config-tenant-template-dhcp-relay)# ip address <A.B.C.D> tenant <WORD> external-l2 epg
<WORD>
```

ip address tenant external-l3

ip address <A.B.C.D> tenant <WORD> external-l3 epg <WORD>

Description: Add a new server relay address under a L3 External EPG

Syntax:

<i>A.B.C.D</i>	IP address in format i.i.i.i
tenant	Tenant hosting the DHCP server
<i>WORD</i>	Tenant hosting the EPG (Max Size 63)
epg	EPG keyword
<i>WORD</i>	l3 external EPG behind which the DHCP server sits (Max Size 64)

Command Mode: template dhcp relay : Create a DHCP Relay policy

Command Path:

```
# configure [['terminal', 't']]
(config)# template dhcp relay policy <WORD>
(config-template-dhcp-relay)# ip address <A.B.C.D> tenant <WORD> external-l3 epg <WORD>
```

ip address <A.B.C.D> tenant <WORD> external-l3 epg <WORD>

Description: Add a new server relay address under a L3 External EPG

Syntax:

<i>A.B.C.D</i>	IP address in format i.i.i.i
tenant	Tenant hosting the DHCP server
<i>WORD</i>	Tenant hosting the EPG (Max Size 63)
epg	EPG keyword
<i>WORD</i>	l3 external EPG behind which the DHCP server sits (Max Size 64)

Command Mode: template dhcp relay : Create a DHCP Relay policy

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# template dhcp relay policy <WORD>
(config-tenant-template-dhcp-relay)# ip address <A.B.C.D> tenant <WORD> external-l3 epg
<WORD>
```

ip arp garp-adj-enable

ip arp garp-adj-enable

Description: Enable learning adjacency from GARP

Command Mode: template ip arp policy : Create/modify an IP ARP policy

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# template ip arp policy <WORD>
(config-tenant-template-ip-arp)# ip arp garp-adj-enable
```

ip arp garp-adj-enable

Description: Enable learning adjacency from GARP

Command Mode: template ip arp policy : Create/modify an IP ARP policy

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# template ip arp policy <WORD> tenant <WORD>
(config-template-arp-pol)# ip arp garp-adj-enable
```

ip arp garp-adj-enable

Description: Enable learning adjacency from GARP

Command Mode: interface vlan : Vlan interface

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface vlan <1-4094>
(config-leaf-if)# ip arp garp-adj-enable
```

ip arp garp-adj-enable

Description: Enable learning adjacency from GARP

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)# ip arp garp-adj-enable
```

ip arp garp-adj-enable**Description:** Enable learning adjacency from GARP**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)# ip arp garp-adj-enable
```

ip arp garp-adj-enable**Description:** Enable learning adjacency from GARP**Command Mode:** template ip arp policy : Create/modify an IP ARP policy**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# template ip arp policy <WORD> tenant <WORD>
(config-template-arp-pol)# ip arp garp-adj-enable
```

ip arp garp-adj-enable**Description:** Enable learning adjacency from GARP**Command Mode:** interface vlan : Vlan interface**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface vlan <1-4094>
(config-leaf-if)# ip arp garp-adj-enable
```

ip arp garp-adj-enable**Description:** Enable learning adjacency from GARP**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)# ip arp garp-adj-enable
```

ip arp garp-adj-enable**Description:** Enable learning adjacency from GARP

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)# ip arp garp-adj-enable
```

ip bandwidth

ip bandwidth eigrp default <NUMBER>

Description: Set EIGRP bandwidth

Syntax:

eigrp	EIGRP
default	EIGRP default instance
<0-2560000000>	bandwidth in kbps. Number range from=0 to=2560000000

Command Mode: template eigrp interface-policy : Configure EIGRP Interface policy templates

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# template eigrp interface-policy <WORD> tenant <WORD>
(config-template-eigrp-if-pol)# ip bandwidth eigrp default <NUMBER>
```

ip bandwidth eigrp default <NUMBER>

Description: Set EIGRP bandwidth

Syntax:

eigrp	EIGRP
default	EIGRP default instance
<0-2560000000>	bandwidth in kbps. Number range from=0 to=2560000000

Command Mode: interface vlan : Vlan interface

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface vlan <1-4094>
(config-leaf-if)# ip bandwidth eigrp default <NUMBER>
```

ip bandwidth eigrp default <NUMBER>

Description: Set EIGRP bandwidth

Syntax:

eigrp	EIGRP
default	EIGRP default instance

<0-2560000000>	bandwidth in kbps. Number range from=0 to=2560000000
----------------	--

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)# ip bandwidth eigrp default <NUMBER>
```

ip bandwidth eigrp default <NUMBER>

Description: Set EIGRP bandwidth

Syntax:

eigrp	EIGRP
default	EIGRP default instance
<0-2560000000>	bandwidth in kbps. Number range from=0 to=2560000000

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)# ip bandwidth eigrp default <NUMBER>
```

ip bandwidth eigrp default <NUMBER>

Description: Set EIGRP bandwidth

Syntax:

eigrp	EIGRP
default	EIGRP default instance
<0-2560000000>	bandwidth in kbps. Number range from=0 to=2560000000

Command Mode: template eigrp interface-policy : Configure EIGRP Interface policy templates

Command Path:

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# template eigrp interface-policy <WORD> tenant <WORD>
(config-template-eigrp-if-pol)# ip bandwidth eigrp default <NUMBER>
```

ip bandwidth eigrp default <NUMBER>**Description:** Set EIGRP bandwidth**Syntax:**

eigrp	EIGRP
default	EIGRP default instance
<0-2560000000>	bandwidth in kbps. Number range from=0 to=2560000000

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

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface vlan <1-4094>
(config-leaf-if)# ip bandwidth eigrp default <NUMBER>
```

ip bandwidth eigrp default <NUMBER>**Description:** Set EIGRP bandwidth**Syntax:**

eigrp	EIGRP
default	EIGRP default instance
<0-2560000000>	bandwidth in kbps. Number range from=0 to=2560000000

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)# ip bandwidth eigrp default <NUMBER>
```

ip bandwidth eigrp default <NUMBER>**Description:** Set EIGRP bandwidth**Syntax:**

eigrp	EIGRP
default	EIGRP default instance
<0-2560000000>	bandwidth in kbps. Number range from=0 to=2560000000

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)# ip bandwidth eigrp default <NUMBER>
```

ip bfd

ip bfd enable

Description: Enable Bidirectional Forwarding Detection

Syntax:

enable	Enable BFD
--------	------------

Command Mode: template eigrp interface-policy : Configure EIGRP Interface policy templates

Command Path:

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

ip bfd eigrp enable

Description: Enable EIGRP Bidirectional Forwarding Detection

Syntax:

eigrp	EIGRP
enable	Enable BFD

Command Mode: interface vlan : Vlan interface

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface vlan <1-4094>
(config-leaf-if)# ip bfd eigrp enable
```

ip bfd eigrp enable

Description: Enable EIGRP Bidirectional Forwarding Detection

Syntax:

eigrp	EIGRP
enable	Enable BFD

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)# ip bfd eigrp enable
```

ip bfd eigrp enable

Description: Enable EIGRP Bidirectional Forwarding Detection

Syntax:

eigrp	EIGRP
enable	Enable BFD

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)# ip bfd eigrp enable
```

ip bfd enable

Description: Enable Bidirectional Forwarding Detection

Syntax:

enable	Enable BFD
--------	------------

Command Mode: template eigrp interface-policy : Configure EIGRP Interface policy templates

Command Path:

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

ip bfd eigrp enable

Description: Enable EIGRP Bidirectional Forwarding Detection

Syntax:

eigrp	EIGRP
enable	Enable BFD

Command Mode: interface vlan : Vlan interface

Command Path:

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

```
(config)# spine <101-4000>
(config-spine)# interface vlan <1-4094>
(config-leaf-if)# ip bfd eigrp enable
```

ip bfd eigrp enable

Description: Enable EIGRP Bidirectional Forwarding Detection

Syntax:

eigrp	EIGRP
enable	Enable BFD

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)# ip bfd eigrp enable
```

ip bfd eigrp enable

Description: Enable EIGRP Bidirectional Forwarding Detection

Syntax:

eigrp	EIGRP
enable	Enable BFD

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)# ip bfd eigrp enable
```

ip dhcp relay address tenant application

ip dhcp relay address <A.B.C.D> tenant <WORD> application <WORD> epg <WORD>

Description: Add a new server relay address under an AEPg

Syntax:

<i>A.B.C.D</i>	IP address in format i.i.i.i
tenant	Tenant hosting the DHCP server
<i>WORD</i>	Tenant hosting the EPG (Max Size 63)
<i>WORD</i>	Application hosting the EPG (Max Size 64)
epg	AEPg behind which the DHCP server sits
<i>WORD</i>	AEPg behind which the DHCP server sits (Max Size 64)

Command Mode: interface : Configuration for interface bridge-domain

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# interface bridge-domain <WORD>
(config-tenant-interface)# ip dhcp relay address <A.B.C.D> tenant <WORD> application <WORD>
epg <WORD>
```

ip dhcp relay address <A.B.C.D> tenant <WORD> application <WORD> epg <WORD>

Description: Application hosting the DHCP server

Syntax:

<i>A.B.C.D</i>	IP address in format i.i.i.i
tenant	Tenant hosting the DHCP server
<i>WORD</i>	Tenant hosting the DHCP server (Max Size 63)
<i>WORD</i>	Application hosting the DHCP server (Max Size 64)
epg	EPG hosting the DHCP server
<i>WORD</i>	EPG hosting the DHCP server (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)# ip dhcp relay address <A.B.C.D> tenant <WORD> application <WORD> epg
<WORD>
```

ip dhcp relay address <A.B.C.D> tenant <WORD> application <WORD> epg <WORD>

Description: Application hosting the DHCP server

Syntax:

<i>A.B.C.D</i>	IP address in format i.i.i.i
tenant	Tenant hosting the DHCP server
<i>WORD</i>	Tenant hosting the DHCP server (Max Size 63)
<i>WORD</i>	Application hosting the DHCP server (Max Size 64)
epg	EPG hosting the DHCP server
<i>WORD</i>	EPG hosting the DHCP server (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)# ip dhcp relay address <A.B.C.D> tenant <WORD> application <WORD> epg
<WORD>
```

ip dhcp relay address <A.B.C.D> tenant <WORD> application <WORD> epg <WORD>

Description: Application hosting the DHCP server

Syntax:

<i>A.B.C.D</i>	IP address in format i.i.i.i
tenant	Tenant hosting the DHCP server
<i>WORD</i>	Tenant hosting the DHCP server (Max Size 63)
<i>WORD</i>	Application hosting the DHCP server (Max Size 64)
epg	EPG hosting the DHCP server
<i>WORD</i>	EPG hosting the DHCP server (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)# ip dhcp relay address <A.B.C.D> tenant <WORD> application <WORD> epg
<WORD>
```

ip dhcp relay address <A.B.C.D> tenant <WORD> application <WORD> epg <WORD>

Description: Application hosting the DHCP server

Syntax:

<i>A.B.C.D</i>	IP address in format i.i.i.i
tenant	Tenant hosting the DHCP server
<i>WORD</i>	Tenant hosting the DHCP server (Max Size 63)
<i>WORD</i>	Application hosting the DHCP server (Max Size 64)
epg	EPG hosting the DHCP server
<i>WORD</i>	EPG hosting the DHCP server (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)# ip dhcp relay address <A.B.C.D> tenant <WORD> application <WORD> epg
<WORD>
```

ip dhcp relay address <A.B.C.D> tenant <WORD> application <WORD> epg <WORD>

Description: Application hosting the DHCP server

Syntax:

<i>A.B.C.D</i>	IP address in format i.i.i.i
tenant	Tenant hosting the DHCP server
<i>WORD</i>	Tenant hosting the DHCP server (Max Size 63)
<i>WORD</i>	Application hosting the DHCP server (Max Size 64)
epg	EPG hosting the DHCP server
<i>WORD</i>	EPG hosting the DHCP server (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)# ip dhcp relay address <A.B.C.D> tenant <WORD> application <WORD> epg
<WORD>
```

ip dhcp relay address <A.B.C.D> tenant <WORD> application <WORD> epg <WORD>

Description: Application hosting the DHCP server

Syntax:

<i>A.B.C.D</i>	IP address in format i.i.i.i
tenant	Tenant hosting the DHCP server
<i>WORD</i>	Tenant hosting the DHCP server (Max Size 63)
<i>WORD</i>	Application hosting the DHCP server (Max Size 64)
epg	EPG hosting the DHCP server
<i>WORD</i>	EPG hosting the DHCP server (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)# ip dhcp relay address <A.B.C.D> tenant <WORD> application <WORD> epg
<WORD>
```

ip dhcp relay address tenant external-l2

ip dhcp relay address <A.B.C.D> tenant <WORD> external-l2 epg <WORD>

Description: Add a new server relay address under a L2 External EPG

Syntax:

<i>A.B.C.D</i>	IP address in format i.i.i.i
tenant	Tenant hosting the DHCP server
<i>WORD</i>	Tenant hosting the EPG (Max Size 63)
epg	epg keyword
<i>WORD</i>	l2 external EPG behind which the DHCP server sits (Max Size 64)

Command Mode: interface : Configuration for interface bridge-domain

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# interface bridge-domain <WORD>
(config-tenant-interface)# ip dhcp relay address <A.B.C.D> tenant <WORD> external-l2 epg
<WORD>
```

ip dhcp relay address tenant external-l3

ip dhcp relay address <A.B.C.D> tenant <WORD> external-l3 epg <WORD>

Description: Add a new server relay address under a L3 External EPG

Syntax:

<i>A.B.C.D</i>	IP address in format i.i.i.i
tenant	Tenant hosting the DHCP server
<i>WORD</i>	Tenant hosting the EPG (Max Size 63)
epg	EPG keyword
<i>WORD</i>	l3 external EPG behind which the DHCP server sits (Max Size 64)

Command Mode: interface : Configuration for interface bridge-domain

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# interface bridge-domain <WORD>
(config-tenant-interface)# ip dhcp relay address <A.B.C.D> tenant <WORD> external-l3 epg
<WORD>
```

ip distribute-list eigrp

ip distribute-list eigrp default route-map <WORD> out

Description: Configure distribute-list EIGRP route-map

Syntax:

default	EIGRP default instance
route-map	route map
<i>WORD</i>	Route-map name (Max Size 64)
out	out

Command Mode: interface vlan : Vlan interface

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface vlan <1-4094>
(config-leaf-if)# ip distribute-list eigrp default route-map <WORD> out
```

ip distribute-list eigrp default route-map <WORD> out

Description: Configure distribute-list EIGRP Policies

Syntax:

default	EIGRP default instance
route-map	route map
<i>WORD</i>	Route-map name (Max Size 64)
out	out

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)# ip distribute-list eigrp default route-map <WORD> out
```

ip distribute-list eigrp default route-map <WORD> out

Description: Configure distribute-list EIGRP Policies

Syntax:

default	EIGRP default instance
route-map	route map
<i>WORD</i>	Route-map name (Max Size 64)
out	out

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)# ip distribute-list eigrp default route-map <WORD> out
```

ip distribute-list eigrp default route-map <WORD> out

Description: Configure distribute-list EIGRP route-map

Syntax:

default	EIGRP default instance
route-map	route map
<i>WORD</i>	Route-map name (Max Size 64)
out	out

Command Mode: interface vlan : Vlan interface

Command Path:

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface vlan <1-4094>
(config-leaf-if)# ip distribute-list eigrp default route-map <WORD> out
```

ip distribute-list eigrp default route-map <WORD> out

Description: Configure distribute-list EIGRP Policies

Syntax:

default	EIGRP default instance
route-map	route map
<i>WORD</i>	Route-map name (Max Size 64)
out	out

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)# ip distribute-list eigrp default route-map <WORD> out
```

ip distribute-list eigrp default route-map <WORD> out**Description:** Configure distribute-list EIGRP Policies**Syntax:**

default	EIGRP default instance
route-map	route map
<i>WORD</i>	Route-map name (Max Size 64)
out	out

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)# ip distribute-list eigrp default route-map <WORD> out
```

ip dscp

ip dscp <dscp>

Description: dscp

Syntax:

<i>dscp</i>	DSCP code or value
-------------	--------------------

Command Mode: destination tenant : Configure monitor remote destination

Command Path:

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

ip dscp <dscp>

Description: dscp

Syntax:

<i>dscp</i>	DSCP code or value
-------------	--------------------

Command Mode: destination : Configure monitor remote destination

Command Path:

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

ip dscp <dscp>

Description: dscp

Syntax:

<i>dscp</i>	DSCP code or value
-------------	--------------------

Command Mode: destination : Configure monitor remote destination

Command Path:

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



```
(config-monitor-tenant-dest)# ip dscp <dscp>
```

ip dscp <dscp>**Description:** Configure DSCP**Syntax:**

<i><dscp></i>	<i><dscp></i>
---------------------	---------------------

Command Mode: destination destip : Configure monitor remote destination**Command Path:**

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

ip flow

ip flow monitor <WORD>

Description: Configure Netflow on the Port-Channel

Syntax:

monitor	Configure Netflow on the Port-Channel
<i>WORD</i>	Netflow Monitor 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)# ip flow monitor <WORD>
```

ip flow monitor <WORD>

Description: Configure Netflow on the Interface

Syntax:

monitor	Configure Netflow on the Interface
<i>WORD</i>	Netflow Monitor 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)# ip flow monitor <WORD>
```

ip flow monitor <WORD>

Description: Configure Netflow on the Interface

Syntax:

monitor	Configure Netflow on the Interface
<i>WORD</i>	Netflow Monitor Policy Name (Max Size 64)

Command Mode: interface : Configuration for interface bridge-domain

Command Path:

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

```
(config)# tenant <WORD>
(config-tenant)# interface bridge-domain <WORD>
(config-tenant-interface)# ip flow monitor <WORD>
```

ip flow monitor <WORD>**Description:** Configure Netflow on the Interface**Syntax:**

monitor	Configure Netflow on the Interface
<i>WORD</i>	Netflow Monitor 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)# ip flow monitor <WORD>
```

ip flow monitor <arg>**Description:** Configure Netflow on the Interface**Syntax:**

monitor	Configure Netflow on the Interface
<i>arg</i>	Netflow Monitor 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)# ip flow monitor <>
```

ip flow monitor <WORD>**Description:** Configure Netflow on the Interface**Syntax:**

monitor	Configure Netflow on the Interface
<i>WORD</i>	Netflow Monitor 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)# ip flow monitor <WORD>
```

ip flow monitor <WORD>

Description: Configure Netflow on the Interface

Syntax:

monitor	Configure Netflow on the Interface
<i>WORD</i>	Netflow Monitor 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)# ip flow monitor <WORD>
```

ip flow monitor <arg>

Description: Configure Netflow on the Interface

Syntax:

monitor	Configure Netflow on the Interface
<i>arg</i>	Netflow Monitor 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)# ip flow monitor <>
```

ip flow monitor <WORD>

Description: Configure Netflow on the Interface

Syntax:

monitor	Configure Netflow on the Interface
<i>WORD</i>	Netflow Monitor 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)# ip flow monitor <WORD>
```

ip flow monitor <WORD>**Description:** Configure Netflow on the VPC**Syntax:**

monitor	Configure Netflow on the VPC
<i>WORD</i>	Netflow Monitor 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)# ip flow monitor <WORD>
```

ip hello-interval

ip hello-interval eigrp default <NUMBER>

Description: Set EIGRP Hello interval time

Syntax:

eigrp	EIGRP
default	EIGRP default instance
<1-65535>	Hello interval time in seconds. Number range from=1 to=65535

Command Mode: template eigrp interface-policy : Configure EIGRP Interface policy templates

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# template eigrp interface-policy <WORD> tenant <WORD>
(config-template-eigrp-if-pol)# ip hello-interval eigrp default <NUMBER>
```

ip hello-interval eigrp default <NUMBER>

Description: Set EIGRP Hello interval time

Syntax:

eigrp	EIGRP
default	EIGRP default instance
<1-65535>	Hello interval time in seconds. Number range from=1 to=65535

Command Mode: interface vlan : Vlan interface

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface vlan <1-4094>
(config-leaf-if)# ip hello-interval eigrp default <NUMBER>
```

ip hello-interval eigrp default <NUMBER>

Description: Set EIGRP Hello interval time

Syntax:

eigrp	EIGRP
default	EIGRP default instance

<1-65535>	Hello interval time in seconds. Number range from=1 to=65535
-----------	--

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)# ip hello-interval eigrp default <NUMBER>
```

ip hello-interval eigrp default <NUMBER>

Description: Set EIGRP Hello interval time

Syntax:

eigrp	EIGRP
default	EIGRP default instance
<1-65535>	Hello interval time in seconds. Number range from=1 to=65535

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)# ip hello-interval eigrp default <NUMBER>
```

ip hello-interval eigrp default <NUMBER>

Description: Set EIGRP Hello interval time

Syntax:

eigrp	EIGRP
default	EIGRP default instance
<1-65535>	Hello interval time in seconds. Number range from=1 to=65535

Command Mode: template eigrp interface-policy : Configure EIGRP Interface policy templates

Command Path:

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# template eigrp interface-policy <WORD> tenant <WORD>
(config-template-eigrp-if-pol)# ip hello-interval eigrp default <NUMBER>
```

ip hello-interval eigrp default <NUMBER>**Description:** Set EIGRP Hello interval time**Syntax:**

eigrp	EIGRP
default	EIGRP default instance
<1-65535>	Hello interval time in seconds. Number range from=1 to=65535

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

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface vlan <1-4094>
(config-leaf-if)# ip hello-interval eigrp default <NUMBER>
```

ip hello-interval eigrp default <NUMBER>**Description:** Set EIGRP Hello interval time**Syntax:**

eigrp	EIGRP
default	EIGRP default instance
<1-65535>	Hello interval time in seconds. Number range from=1 to=65535

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)# ip hello-interval eigrp default <NUMBER>
```

ip hello-interval eigrp default <NUMBER>**Description:** Set EIGRP Hello interval time**Syntax:**

eigrp	EIGRP
default	EIGRP default instance
<1-65535>	Hello interval time in seconds. Number range from=1 to=65535

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)# ip hello-interval eigrp default <NUMBER>
```

ip hold-interval

ip hold-interval eigrp default <NUMBER>

Description: Set EIGRP Hold interval time

Syntax:

eigrp	EIGRP
default	EIGRP default instance
<1-65535>	Hold interval time in seconds. Number range from=1 to=65535

Command Mode: template eigrp interface-policy : Configure EIGRP Interface policy templates

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# template eigrp interface-policy <WORD> tenant <WORD>
(config-template-eigrp-if-pol)# ip hold-interval eigrp default <NUMBER>
```

ip hold-interval eigrp default <NUMBER>

Description: Set EIGRP Hold interval time

Syntax:

eigrp	EIGRP
default	EIGRP default instance
<1-65535>	Hold interval time in seconds. Number range from=1 to=65535

Command Mode: interface vlan : Vlan interface

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface vlan <1-4094>
(config-leaf-if)# ip hold-interval eigrp default <NUMBER>
```

ip hold-interval eigrp default <NUMBER>

Description: Set EIGRP Hold interval time

Syntax:

eigrp	EIGRP
default	EIGRP default instance

<1-65535>	Hold interval time in seconds. Number range from=1 to=65535
-----------	---

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)# ip hold-interval eigrp default <NUMBER>
```

ip hold-interval eigrp default <NUMBER>

Description: Set EIGRP Hold interval time

Syntax:

eigrp	EIGRP
default	EIGRP default instance
<1-65535>	Hold interval time in seconds. Number range from=1 to=65535

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)# ip hold-interval eigrp default <NUMBER>
```

ip hold-interval eigrp default <NUMBER>

Description: Set EIGRP Hold interval time

Syntax:

eigrp	EIGRP
default	EIGRP default instance
<1-65535>	Hold interval time in seconds. Number range from=1 to=65535

Command Mode: template eigrp interface-policy : Configure EIGRP Interface policy templates

Command Path:

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# template eigrp interface-policy <WORD> tenant <WORD>
(config-template-eigrp-if-pol)# ip hold-interval eigrp default <NUMBER>
```

ip hold-interval eigrp default <NUMBER>**Description:** Set EIGRP Hold interval time**Syntax:**

eigrp	EIGRP
default	EIGRP default instance
<1-65535>	Hold interval time in seconds. Number range from=1 to=65535

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

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface vlan <1-4094>
(config-leaf-if)# ip hold-interval eigrp default <NUMBER>
```

ip hold-interval eigrp default <NUMBER>**Description:** Set EIGRP Hold interval time**Syntax:**

eigrp	EIGRP
default	EIGRP default instance
<1-65535>	Hold interval time in seconds. Number range from=1 to=65535

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)# ip hold-interval eigrp default <NUMBER>
```

ip hold-interval eigrp default <NUMBER>**Description:** Set EIGRP Hold interval time**Syntax:**

eigrp	EIGRP
default	EIGRP default instance
<1-65535>	Hold interval time in seconds. Number range from=1 to=65535

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)# ip hold-interval eigrp default <NUMBER>
```

ip igmp

ip igmp

Description: Enable IGMP

Command Mode: vrf : Configuration for vrf

Command Path:

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

ip igmp allow-v3-asm

ip igmp allow-v3-asm

Description: Allow V3 ASM

Command Mode: interface : Configuration for interface bridge-domain

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# interface bridge-domain <WORD>
(config-tenant-interface)# ip igmp allow-v3-asm
```

ip igmp allow-v3-asm

Description: Allow V3 ASM

Syntax:

igmp	igmp
------	------

Command Mode: template ip igmp interface-policy : Create an IGMP interface policy

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# template ip igmp interface-policy <WORD>
(config-tenant-template-ip-igmp-policy)# ip igmp allow-v3-asm
```

ip igmp allow-v3-asm

Description: Allow V3 ASM

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)# ip igmp allow-v3-asm
```

ip igmp allow-v3-asm

Description: Allow V3 ASM

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)# ip igmp allow-v3-asm
```

ip igmp allow-v3-asm**Description:** Allow V3 ASM**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)# ip igmp allow-v3-asm
```

ip igmp allow-v3-asm**Description:** Allow V3 ASM**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)# ip igmp allow-v3-asm
```


ip igmp fast-leave

ip igmp fast-leave

Description: Enable IP IGMP fast leave processing

Command Mode: interface : Configuration for interface bridge-domain

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# interface bridge-domain <WORD>
(config-tenant-interface)# ip igmp fast-leave
```

ip igmp fast-leave

Description: Enable IP IGMP fast leave processing

Syntax:

igmp	igmp
------	------

Command Mode: template ip igmp interface-policy : Create an IGMP interface policy

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# template ip igmp interface-policy <WORD>
(config-tenant-template-ip-igmp-policy)# ip igmp fast-leave
```

ip igmp fast-leave

Description: Enable IP IGMP fast leave processing

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)# ip igmp fast-leave
```

ip igmp fast-leave

Description: Enable IP IGMP fast leave processing

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)# ip igmp fast-leave
```

ip igmp fast-leave

Description: Enable IP IGMP fast leave processing

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)# ip igmp fast-leave
```

ip igmp fast-leave

Description: Enable IP IGMP fast leave processing

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)# ip igmp fast-leave
```

ip igmp group-timeout

ip igmp group-timeout <NUMBER>

Description: Configures group membership timeout for IGMPv2

Syntax:

<3-65535>	Time in seconds. Number range from=3 to=65535
-----------	---

Command Mode: interface : Configuration for interface bridge-domain

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# interface bridge-domain <WORD>
(config-tenant-interface)# ip igmp group-timeout <NUMBER>
```

ip igmp group-timeout <NUMBER>

Description: Configures group membership timeout for IGMPv2

Syntax:

igmp	igmp
<3-65535>	Time in seconds. Number range from=3 to=65535

Command Mode: template ip igmp interface-policy : Create an IGMP interface policy

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# template ip igmp interface-policy <WORD>
(config-tenant-template-ip-igmp-policy)# ip igmp group-timeout <NUMBER>
```

ip igmp group-timeout <NUMBER>

Description: Configures group membership timeout for IGMPv2

Syntax:

<3-65535>	Time in seconds. Number range from=3 to=65535
-----------	---

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)# ip igmp group-timeout <NUMBER>
```

ip igmp group-timeout <NUMBER>

Description: Configures group membership timeout for IGMPv2

Syntax:

<3-65535>	Time in seconds. Number range from=3 to=65535
-----------	---

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)# ip igmp group-timeout <NUMBER>
```

ip igmp group-timeout <NUMBER>

Description: Configures group membership timeout for IGMPv2

Syntax:

<3-65535>	Time in seconds. Number range from=3 to=65535
-----------	---

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)# ip igmp group-timeout <NUMBER>
```

ip igmp group-timeout <NUMBER>

Description: Configures group membership timeout for IGMPv2

Syntax:

<3-65535>	Time in seconds. Number range from=3 to=65535
-----------	---

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)# ip igmp group-timeout <NUMBER>
```

ip igmp inherit

ip igmp inherit interface-policy <WORD> [tenant <WORD>]

Description: Associate a IGMP interface policy to this interface

Syntax:

interface-policy	interface-policy
WORD	IGMP interface policy name (Max Size 64)
WORD	(Optional) Tenant where policy is defined

Command Mode: interface : Configuration for interface bridge-domain

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# interface bridge-domain <WORD>
(config-tenant-interface)# ip igmp inherit interface-policy <WORD> [tenant <WORD>]
```

ip igmp inherit interface-policy <WORD> [tenant <WORD>]

Description: Associate a IGMP interface policy to this interface

Syntax:

interface-policy	interface-policy
WORD	IGMP interface policy name (Max Size 64)
WORD	(Optional) Tenant where policy is defined

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)# ip igmp inherit interface-policy <WORD> [tenant <WORD>]
```

ip igmp inherit interface-policy <WORD> [tenant <WORD>]

Description: Associate a IGMP interface policy to this interface

Syntax:

interface-policy	interface-policy
WORD	IGMP interface policy name (Max Size 64)

<i>WORD</i>	(Optional) Tenant where policy is defined
-------------	---

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)# ip igmp inherit interface-policy <WORD> [tenant <WORD>]
```

ip igmp inherit interface-policy <WORD> [tenant <WORD>]

Description: Associate a IGMP interface policy to this interface

Syntax:

interface-policy	interface-policy
<i>WORD</i>	IGMP interface policy name (Max Size 64)
<i>WORD</i>	(Optional) Tenant where policy is defined

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)# ip igmp inherit interface-policy <WORD> [tenant <WORD>]
```

ip igmp inherit interface-policy <WORD> [tenant <WORD>]

Description: Associate a IGMP interface policy to this interface

Syntax:

interface-policy	interface-policy
<i>WORD</i>	IGMP interface policy name (Max Size 64)
<i>WORD</i>	(Optional) Tenant where policy is defined

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)# ip igmp inherit interface-policy <WORD> [tenant <WORD>]
```

ip igmp last-member-query-count

ip igmp last-member-query-count <NUMBER>

Description: Configures number of group-specific Queries sent

Syntax:

<1-5>	Count value. Number range from=1 to=5
-------	---------------------------------------

Command Mode: interface : Configuration for interface bridge-domain

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# interface bridge-domain <WORD>
(config-tenant-interface)# ip igmp last-member-query-count <NUMBER>
```

ip igmp last-member-query-count <NUMBER>

Description: Configures number of group-specific Queries sent

Syntax:

igmp	igmp
<1-5>	Count value. Number range from=1 to=5

Command Mode: template ip igmp interface-policy : Create an IGMP interface policy

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# template ip igmp interface-policy <WORD>
(config-tenant-template-ip-igmp-policy)# ip igmp last-member-query-count <NUMBER>
```

ip igmp last-member-query-count <NUMBER>

Description: Configures number of group-specific Queries sent

Syntax:

<1-5>	Count value. Number range from=1 to=5
-------	---------------------------------------

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)# ip igmp last-member-query-count <NUMBER>
```

ip igmp last-member-query-count <NUMBER>

Description: Configures number of group-specific Queries sent

Syntax:

<1-5>	Count value. Number range from=1 to=5
-------	---------------------------------------

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)# ip igmp last-member-query-count <NUMBER>
```

ip igmp last-member-query-count <NUMBER>

Description: Configures number of group-specific Queries sent

Syntax:

<1-5>	Count value. Number range from=1 to=5
-------	---------------------------------------

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)# ip igmp last-member-query-count <NUMBER>
```

ip igmp last-member-query-count <NUMBER>

Description: Configures number of group-specific Queries sent

Syntax:

<1-5>	Count value. Number range from=1 to=5
-------	---------------------------------------

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)# ip igmp last-member-query-count <NUMBER>
```


ip igmp last-member-query-response-time

ip igmp last-member-query-response-time <NUMBER>

Description: Configures last member query response time

Syntax:

<1-25>	Time in seconds. Number range from=1 to=25
--------	--

Command Mode: interface : Configuration for interface bridge-domain

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# interface bridge-domain <WORD>
(config-tenant-interface)# ip igmp last-member-query-response-time <NUMBER>
```

ip igmp last-member-query-response-time <NUMBER>

Description: Configures last member query response time

Syntax:

igmp	igmp
<1-25>	Time in seconds. Number range from=1 to=25

Command Mode: template ip igmp interface-policy : Create an IGMP interface policy

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# template ip igmp interface-policy <WORD>
(config-tenant-template-ip-igmp-policy)# ip igmp last-member-query-response-time <NUMBER>
```

ip igmp querier-timeout

ip igmp querier-timeout <NUMBER>

Description: Configures querier timeout for IGMPv2

Syntax:

<1-65535>	Time in seconds. Number range from=1 to=65535
-----------	---

Command Mode: interface : Configuration for interface bridge-domain

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# interface bridge-domain <WORD>
(config-tenant-interface)# ip igmp querier-timeout <NUMBER>
```

ip igmp querier-timeout <NUMBER>

Description: Configures querier timeout for IGMPv2

Syntax:

igmp	igmp
<1-65535>	Time in seconds. Number range from=1 to=65535

Command Mode: template ip igmp interface-policy : Create an IGMP interface policy

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# template ip igmp interface-policy <WORD>
(config-tenant-template-ip-igmp-policy)# ip igmp querier-timeout <NUMBER>
```

ip igmp querier-timeout <NUMBER>

Description: Configures querier timeout for IGMPv2

Syntax:

<1-65535>	Time in seconds. Number range from=1 to=65535
-----------	---

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)# ip igmp querier-timeout <NUMBER>
```

ip igmp querier-timeout <NUMBER>

Description: Configures querier timeout for IGMPv2

Syntax:

<1-65535>	Time in seconds. Number range from=1 to=65535
-----------	---

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)# ip igmp querier-timeout <NUMBER>
```

ip igmp querier-timeout <NUMBER>

Description: Configures querier timeout for IGMPv2

Syntax:

<1-65535>	Time in seconds. Number range from=1 to=65535
-----------	---

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)# ip igmp querier-timeout <NUMBER>
```

ip igmp querier-timeout <NUMBER>

Description: Configures querier timeout for IGMPv2

Syntax:

<1-65535>	Time in seconds. Number range from=1 to=65535
-----------	---

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)# ip igmp querier-timeout <NUMBER>
```

ip igmp query-interval

ip igmp query-interval <NUMBER>

Description: Configures interval between Query transmission

Syntax:

<1-18000>	Time in seconds. Number range from=1 to=18000
-----------	---

Command Mode: interface : Configuration for interface bridge-domain

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# interface bridge-domain <WORD>
(config-tenant-interface)# ip igmp query-interval <NUMBER>
```

ip igmp query-interval <NUMBER>

Description: Configures interval between Query transmission

Syntax:

igmp	igmp
<1-18000>	Time in seconds. Number range from=1 to=18000

Command Mode: template ip igmp interface-policy : Create an IGMP interface policy

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# template ip igmp interface-policy <WORD>
(config-tenant-template-ip-igmp-policy)# ip igmp query-interval <NUMBER>
```

ip igmp query-interval <NUMBER>

Description: Configures interval between Query transmission

Syntax:

<1-18000>	Time in seconds. Number range from=1 to=18000
-----------	---

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)# ip igmp query-interval <NUMBER>
```

ip igmp query-interval <NUMBER>

Description: Configures interval between Query transmission

Syntax:

<1-18000>	Time in seconds. Number range from=1 to=18000
-----------	---

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)# ip igmp query-interval <NUMBER>
```

ip igmp query-interval <NUMBER>

Description: Configures interval between Query transmission

Syntax:

<1-18000>	Time in seconds. Number range from=1 to=18000
-----------	---

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)# ip igmp query-interval <NUMBER>
```

ip igmp query-interval <NUMBER>

Description: Configures interval between Query transmission

Syntax:

<1-18000>	Time in seconds. Number range from=1 to=18000
-----------	---

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)# ip igmp query-interval <NUMBER>
```

ip igmp query-max-response-time

ip igmp query-max-response-time <NUMBER>

Description: Configures MRT for query messages

Syntax:

<1-25>	Time in seconds. Number range from=1 to=25
--------	--

Command Mode: interface : Configuration for interface bridge-domain

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# interface bridge-domain <WORD>
(config-tenant-interface)# ip igmp query-max-response-time <NUMBER>
```

ip igmp query-max-response-time <NUMBER>

Description: Configures MRT for query messages

Syntax:

igmp	igmp
<1-25>	Time in seconds. Number range from=1 to=25

Command Mode: template ip igmp interface-policy : Create an IGMP interface policy

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# template ip igmp interface-policy <WORD>
(config-tenant-template-ip-igmp-policy)# ip igmp query-max-response-time <NUMBER>
```

ip igmp query-max-response-time <NUMBER>

Description: Configures MRT for query messages

Syntax:

<1-25>	Time in seconds. Number range from=1 to=25
--------	--

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)# ip igmp query-max-response-time <NUMBER>
```

ip igmp query-max-response-time <NUMBER>

Description: Configures MRT for query messages

Syntax:

<1-25>	Time in seconds. Number range from=1 to=25
--------	--

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)# ip igmp query-max-response-time <NUMBER>
```

ip igmp query-max-response-time <NUMBER>

Description: Configures MRT for query messages

Syntax:

<1-25>	Time in seconds. Number range from=1 to=25
--------	--

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)# ip igmp query-max-response-time <NUMBER>
```

ip igmp query-max-response-time <NUMBER>

Description: Configures MRT for query messages

Syntax:

<1-25>	Time in seconds. Number range from=1 to=25
--------	--

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)# ip igmp query-max-response-time <NUMBER>
```

ip igmp report-link-local-groups

ip igmp report-link-local-groups

Description: Send Reports for groups in 224.0.0.0/24

Command Mode: interface : Configuration for interface bridge-domain

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# interface bridge-domain <WORD>
(config-tenant-interface)# ip igmp report-link-local-groups
```

ip igmp report-link-local-groups

Description: Send Reports for groups in 224.0.0.0/24

Syntax:

igmp	igmp
------	------

Command Mode: template ip igmp interface-policy : Create an IGMP interface policy

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# template ip igmp interface-policy <WORD>
(config-tenant-template-ip-igmp-policy)# ip igmp report-link-local-groups
```

ip igmp report-link-local-groups

Description: Send Reports for groups in 224.0.0.0/24

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)# ip igmp report-link-local-groups
```

ip igmp report-link-local-groups

Description: Send Reports for groups in 224.0.0.0/24

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)# ip igmp report-link-local-groups
```

ip igmp report-link-local-groups

Description: Send Reports for groups in 224.0.0.0/24

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)# ip igmp report-link-local-groups
```

ip igmp report-link-local-groups

Description: Send Reports for groups in 224.0.0.0/24

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)# ip igmp report-link-local-groups
```

ip igmp report-policy

ip igmp report-policy <WORD>

Description: Configure IGMP report policy

Syntax:

<i>WORD</i>	Route-map name
-------------	----------------

Command Mode: interface : Configuration for interface bridge-domain

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# interface bridge-domain <WORD>
(config-tenant-interface)# ip igmp report-policy <WORD>
```

ip igmp report-policy <WORD>

Description: Configure IGMP report policy

Syntax:

igmp	igmp
<i>WORD</i>	Route-map name

Command Mode: template ip igmp interface-policy : Create an IGMP interface policy

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# template ip igmp interface-policy <WORD>
(config-tenant-template-ip-igmp-policy)# ip igmp report-policy <WORD>
```

ip igmp report-policy <WORD>

Description: Configure IGMP report policy

Syntax:

<i>WORD</i>	Route-map 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)# ip igmp report-policy <WORD>
```

ip igmp report-policy <WORD>

Description: Configure IGMP report policy

Syntax:

<i>WORD</i>	Route-map 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)# ip igmp report-policy <WORD>
```

ip igmp report-policy <WORD>

Description: Configure IGMP report policy

Syntax:

<i>WORD</i>	Route-map 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)# ip igmp report-policy <WORD>
```

ip igmp report-policy <WORD>

Description: Configure IGMP report policy

Syntax:

<i>WORD</i>	Route-map 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)# ip igmp report-policy <WORD>
```

ip igmp robustness-variable

ip igmp robustness-variable <NUMBER>

Description: Configures RFC defined Robustness Variable

Syntax:

<1-7>	Count value. Number range from=1 to=7
-------	---------------------------------------

Command Mode: interface : Configuration for interface bridge-domain

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# interface bridge-domain <WORD>
(config-tenant-interface)# ip igmp robustness-variable <NUMBER>
```

ip igmp robustness-variable <NUMBER>

Description: Configures RFC defined Robustness Variable

Syntax:

igmp	igmp
<1-7>	Count value. Number range from=1 to=7

Command Mode: template ip igmp interface-policy : Create an IGMP interface policy

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# template ip igmp interface-policy <WORD>
(config-tenant-template-ip-igmp-policy)# ip igmp robustness-variable <NUMBER>
```

ip igmp robustness-variable <NUMBER>

Description: Configures RFC defined Robustness Variable

Syntax:

<1-7>	Count value. Number range from=1 to=7
-------	---------------------------------------

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)# ip igmp robustness-variable <NUMBER>
```

ip igmp robustness-variable <NUMBER>

Description: Configures RFC defined Robustness Variable

Syntax:

<1-7>	Count value. Number range from=1 to=7
-------	---------------------------------------

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)# ip igmp robustness-variable <NUMBER>
```

ip igmp robustness-variable <NUMBER>

Description: Configures RFC defined Robustness Variable

Syntax:

<1-7>	Count value. Number range from=1 to=7
-------	---------------------------------------

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)# ip igmp robustness-variable <NUMBER>
```

ip igmp robustness-variable <NUMBER>

Description: Configures RFC defined Robustness Variable

Syntax:

<1-7>	Count value. Number range from=1 to=7
-------	---------------------------------------

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)# ip igmp robustness-variable <NUMBER>
```

ip igmp snooping

ip igmp snooping

Description: IP IGMP snooping settings

Command Mode: interface : Configuration for interface bridge-domain

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# interface bridge-domain <WORD>
(config-tenant-interface)# ip igmp snooping
```

ip igmp snooping

Description: IP IGMP snooping settings

Command Mode: template ip igmp snooping policy : Create an IGMP snooping policy

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# template ip igmp snooping policy <WORD>
(config-tenant-template-ip-igmp-snooping)# ip igmp snooping
```

ip igmp snooping access-group route-map leaf interface ethernet ethernet vlan

ip igmp snooping access-group route-map <WORD> leaf <WORD> interface ethernet ethernet <slot>/<port> vlan <VLAN>

Description: Encap VLAN

Syntax:

route-map	Route-Map used for filtering
WORD	route-map name (Max Size 64)
WORD	Leaf Number (Max Size 4000). Number range from=0 to=9223372036854775807
interface	Interface keyword
ethernet <slot>/<port>	Ethernet Range
VLAN	Encap VLAN

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)# ip igmp snooping access-group route-map <WORD> leaf <WORD> interface
ethernet ethernet <slot>/<port> vlan <VLAN>
```

ip igmp snooping access-group route-map leaf interface port-channel vlan

ip igmp snooping access-group route-map <WORD> leaf <WORD> interface port-channel <WORD> [fex <NUMBER>] vlan <VLAN>

Description: Encap VLAN

Syntax:

route-map	Route-Map used for filtering
<i>WORD</i>	route-map name (Max Size 64)
<i>WORD</i>	Leaf Number (Max Size 4000). Number range from=0 to=9223372036854775807
interface	Interface keyword
<i>WORD</i>	Port Channel Name (Max Size 64)
<101-199>	(Optional) Fex Id. Number range from=101 to=199
<i>VLAN</i>	Encap VLAN

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)# ip igmp snooping access-group route-map <WORD> leaf <WORD> interface
port-channel <WORD> [fex <NUMBER>] vlan <VLAN>
```


ip igmp snooping access-group route-map vpc context interface vpc vlan

ip igmp snooping access-group route-map <WORD> vpc context <WORD> <WORD> interface vpc <WORD> [fex <fex>] vlan <VLAN>

Description: Encap VLAN

Syntax:

route-map	Route-Map used for filtering
<i>WORD</i>	route-map name (Max Size 64)
context	VPC Context
<i>WORD</i>	First VPC leaf (Max Size 4000). Number range from=0 to=9223372036854775807
<i>WORD</i>	Second VPC leaf (Max Size 4000). Number range from=0 to=9223372036854775807
interface	VPC Interface name
vpc	VPC Interface name
<i>WORD</i>	VPC Name (Max Size 64)
<i>fex</i>	(Optional) Fex Id. Number range from=101 to=199
<i>VLAN</i>	Encap VLAN

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)# ip igmp snooping access-group route-map <WORD> vpc context <WORD>
<WORD> interface vpc <WORD> [fex <fex>] vlan <VLAN>
```

ip igmp snooping fast-leave

ip igmp snooping fast-leave

Description: Enable IP IGMP Snooping fast leave processing

Command Mode: interface : Configuration for interface bridge-domain

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# interface bridge-domain <WORD>
(config-tenant-interface)# ip igmp snooping fast-leave
```

ip igmp snooping fast-leave

Description: Enable IP IGMP Snooping fast leave processing

Command Mode: template ip igmp snooping policy : Create an IGMP snooping policy

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# template ip igmp snooping policy <WORD>
(config-tenant-template-ip-igmp-snooping)# ip igmp snooping fast-leave
```

ip igmp snooping last-member-query-interval

ip igmp snooping last-member-query-interval <NUMBER>

Description: Change the IP IGMP snooping last member query interval param

Syntax:

<1-25>	Last Memeber Query Interval Value. Number range from=1 to=25
--------	--

Command Mode: interface : Configuration for interface bridge-domain

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# interface bridge-domain <WORD>
(config-tenant-interface)# ip igmp snooping last-member-query-interval <NUMBER>
```

ip igmp snooping last-member-query-interval <NUMBER>

Description: Change the IP IGMP snooping last member query interval param

Syntax:

<1-25>	Last Memeber Query Interval Value. Number range from=1 to=25
--------	--

Command Mode: template ip igmp snooping policy : Create an IGMP snooping policy

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# template ip igmp snooping policy <WORD>
(config-tenant-template-ip-igmp-snooping)# ip igmp snooping last-member-query-interval
<NUMBER>
```

ip igmp snooping policy

ip igmp snooping policy <WORD>

Description: Associate the BD with an IGMP snooping policy

Syntax:

<i>WORD</i>	Name of the IGMP snooping policy to attach (Max Size 64)
-------------	--

Command Mode: interface : Configuration for interface bridge-domain

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# interface bridge-domain <WORD>
(config-tenant-interface)# ip igmp snooping policy <WORD>
```

ip igmp snooping querier

ip igmp snooping querier

Description: Enable IP IGMP Snooping querier processing

Command Mode: interface : Configuration for interface bridge-domain

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# interface bridge-domain <WORD>
(config-tenant-interface)# ip igmp snooping querier
```

ip igmp snooping querier

Description: Enable IP IGMP Snooping querier processing

Command Mode: template ip igmp snooping policy : Create an IGMP snooping policy

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# template ip igmp snooping policy <WORD>
(config-tenant-template-ip-igmp-snooping)# ip igmp snooping querier
```

ip igmp snooping query-interval

ip igmp snooping query-interval <NUMBER>

Description: Change the IP IGMP snooping query interval param

Syntax:

<1-18000>	Query Interval Value. Number range from=1 to=18000
-----------	--

Command Mode: interface : Configuration for interface bridge-domain

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# interface bridge-domain <WORD>
(config-tenant-interface)# ip igmp snooping query-interval <NUMBER>
```

ip igmp snooping query-interval <NUMBER>

Description: Change the IP IGMP snooping query interval param

Syntax:

<1-18000>	Query Interval Value. Number range from=1 to=18000
-----------	--

Command Mode: template ip igmp snooping policy : Create an IGMP snooping policy

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# template ip igmp snooping policy <WORD>
(config-tenant-template-ip-igmp-snooping)# ip igmp snooping query-interval <NUMBER>
```

ip igmp snooping query-max-response-time

ip igmp snooping query-max-response-time <NUMBER>

Description: Change the IP IGMP snooping max query response time

Syntax:

<1-25>	Query Max Response Time. Number range from=1 to=25
--------	--

Command Mode: interface : Configuration for interface bridge-domain

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# interface bridge-domain <WORD>
(config-tenant-interface)# ip igmp snooping query-max-response-time <NUMBER>
```

ip igmp snooping query-max-response-time <NUMBER>

Description: Change the IP IGMP snooping max query response time

Syntax:

<1-25>	Query Max Response Time. Number range from=1 to=25
--------	--

Command Mode: template ip igmp snooping policy : Create an IGMP snooping policy

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# template ip igmp snooping policy <WORD>
(config-tenant-template-ip-igmp-snooping)# ip igmp snooping query-max-response-time <NUMBER>
```

ip igmp snooping startup-query-count

ip igmp snooping startup-query-count <NUMBER>

Description: Change the IP IGMP snooping number of initial queries to send

Syntax:

<1-10>	Start Query Count. Number range from=1 to=10
--------	--

Command Mode: interface : Configuration for interface bridge-domain

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# interface bridge-domain <WORD>
(config-tenant-interface)# ip igmp snooping startup-query-count <NUMBER>
```

ip igmp snooping startup-query-count <NUMBER>

Description: Change the IP IGMP snooping number of initial queries to send

Syntax:

<1-10>	Start Query Count. Number range from=1 to=10
--------	--

Command Mode: template ip igmp snooping policy : Create an IGMP snooping policy

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# template ip igmp snooping policy <WORD>
(config-tenant-template-ip-igmp-snooping)# ip igmp snooping startup-query-count <NUMBER>
```


ip igmp snooping startup-query-interval

ip igmp snooping startup-query-interval <NUMBER>

Description: Change the IP IGMP snooping time for sending initial queries

Syntax:

<1-18000>	Start Query Interval Value. Number range from=1 to=18000
-----------	--

Command Mode: interface : Configuration for interface bridge-domain

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# interface bridge-domain <WORD>
(config-tenant-interface)# ip igmp snooping startup-query-interval <NUMBER>
```

ip igmp snooping startup-query-interval <NUMBER>

Description: Change the IP IGMP snooping time for sending initial queries

Syntax:

<1-18000>	Start Query Interval Value. Number range from=1 to=18000
-----------	--

Command Mode: template ip igmp snooping policy : Create an IGMP snooping policy

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# template ip igmp snooping policy <WORD>
(config-tenant-template-ip-igmp-snooping)# ip igmp snooping startup-query-interval <NUMBER>
```

ip igmp snooping static-group leaf interface ethernet ethernet vlan

ip igmp snooping static-group <A.B.C.D> [source <A.B.C.D>] leaf <WORD> interface ethernet ethernet <slot>/<port> vlan <VLAN>

Description: Encap VLAN

Syntax:

<i>A.B.C.D</i>	IP Multicast address in format i.i.i.i
<i>A.B.C.D</i>	(Optional) IP Unicast address in format i.i.i.i
<i>WORD</i>	Leaf Number (Max Size 4000). Number range from=0 to=9223372036854775807
interface	Interface keyword
<i>ethernet <slot>/<port></i>	Ethernet Range
<i>VLAN</i>	Encap VLAN

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)# ip igmp snooping static-group <A.B.C.D> [source <A.B.C.D>] leaf
<WORD> interface ethernet ethernet <slot>/<port> vlan <VLAN>
```

ip igmp snooping static-group leaf interface port-channel vlan

ip igmp snooping static-group <A.B.C.D> [source <A.B.C.D>] leaf <WORD> interface port-channel <WORD> [fex <NUMBER>] vlan <VLAN>

Description: Encap VLAN

Syntax:

<i>A.B.C.D</i>	IP Multicast address in format i.i.i.i
<i>A.B.C.D</i>	(Optional) IP Unicast address in format i.i.i.i
<i>WORD</i>	Leaf Number (Max Size 4000). Number range from=0 to=9223372036854775807
interface	Interface keyword
<i>WORD</i>	Port Channel Name (Max Size 64)
<101-199>	(Optional) Fex Id. Number range from=101 to=199
<i>VLAN</i>	Encap VLAN

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)# ip igmp snooping static-group <A.B.C.D> [source <A.B.C.D>] leaf
<WORD> interface port-channel <WORD> [fex <NUMBER>] vlan <VLAN>
```

ip igmp snooping static-group vpc context interface vpc vlan

ip igmp snooping static-group <A.B.C.D> [source <A.B.C.D>] vpc context <WORD> <WORD> interface vpc <WORD> [fex <fex>] vlan <VLAN>

Description: Encap VLAN

Syntax:

<i>A.B.C.D</i>	IP Multicast address in format i.i.i.i
<i>A.B.C.D</i>	(Optional) IP Unicast address in format i.i.i.i
context	VPC Context
<i>WORD</i>	First VPC leaf (Max Size 4000). Number range from=0 to=9223372036854775807
<i>WORD</i>	Second VPC leaf (Max Size 4000). Number range from=0 to=9223372036854775807
interface	VPC Interface name
vpc	VPC Interface name
<i>WORD</i>	VPC Name (Max Size 64)
<i>fex</i>	(Optional) Fex Id. Number range from=101 to=199
<i>VLAN</i>	Encap VLAN

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)# ip igmp snooping static-group <A.B.C.D> [source <A.B.C.D>] vpc
context <WORD> <WORD> interface vpc <WORD> [fex <fex>] vlan <VLAN>
```

ip igmp ssm-translate

ip igmp ssm-translate <A.B.C.D/LEN> <A.B.C.D>

Description: Translate IGMPv1/v2 reports to (S,G) route entries

Syntax:

<i>A.B.C.D/LEN</i>	IP Multicast group range
<i>A.B.C.D</i>	IP Multicast address source

Command Mode: vrf : Configuration for vrf

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# vrf context <WORD>
(config-tenant-vrf)# ip igmp ssm-translate <A.B.C.D/LEN> <A.B.C.D>
```

ip igmp startup-query-count

ip igmp startup-query-count <NUMBER>

Description: Configures number of queries sent at startup

Syntax:

<1-10>	Time in seconds. Number range from=1 to=10
--------	--

Command Mode: interface : Configuration for interface bridge-domain

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# interface bridge-domain <WORD>
(config-tenant-interface)# ip igmp startup-query-count <NUMBER>
```

ip igmp startup-query-count <NUMBER>

Description: Configures number of queries sent at startup

Syntax:

igmp	igmp
<1-10>	Time in seconds. Number range from=1 to=10

Command Mode: template ip igmp interface-policy : Create an IGMP interface policy

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# template ip igmp interface-policy <WORD>
(config-tenant-template-ip-igmp-policy)# ip igmp startup-query-count <NUMBER>
```

ip igmp startup-query-count <NUMBER>

Description: Configures number of queries sent at startup

Syntax:

<1-10>	Time in seconds. Number range from=1 to=10
--------	--

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)# ip igmp startup-query-count <NUMBER>
```

ip igmp startup-query-count <NUMBER>

Description: Configures number of queries sent at startup

Syntax:

<1-10>	Time in seconds. Number range from=1 to=10
--------	--

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)# ip igmp startup-query-count <NUMBER>
```

ip igmp startup-query-count <NUMBER>

Description: Configures number of queries sent at startup

Syntax:

<1-10>	Time in seconds. Number range from=1 to=10
--------	--

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)# ip igmp startup-query-count <NUMBER>
```

ip igmp startup-query-count <NUMBER>

Description: Configures number of queries sent at startup

Syntax:

<1-10>	Time in seconds. Number range from=1 to=10
--------	--

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)# ip igmp startup-query-count <NUMBER>
```

ip igmp startup-query-interval

ip igmp startup-query-interval <NUMBER>

Description: Configures query interval at startup

Syntax:

<1-18000>	Time in seconds. Number range from=1 to=18000
-----------	---

Command Mode: interface : Configuration for interface bridge-domain

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# interface bridge-domain <WORD>
(config-tenant-interface)# ip igmp startup-query-interval <NUMBER>
```

ip igmp startup-query-interval <NUMBER>

Description: Configures query interval at startup

Syntax:

igmp	igmp
<1-18000>	Time in seconds. Number range from=1 to=18000

Command Mode: template ip igmp interface-policy : Create an IGMP interface policy

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# template ip igmp interface-policy <WORD>
(config-tenant-template-ip-igmp-policy)# ip igmp startup-query-interval <NUMBER>
```

ip igmp startup-query-interval <NUMBER>

Description: Configures query interval at startup

Syntax:

<1-18000>	Time in seconds. Number range from=1 to=18000
-----------	---

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)# ip igmp startup-query-interval <NUMBER>
```

ip igmp startup-query-interval <NUMBER>

Description: Configures query interval at startup

Syntax:

<1-18000>	Time in seconds. Number range from=1 to=18000
-----------	---

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)# ip igmp startup-query-interval <NUMBER>
```

ip igmp startup-query-interval <NUMBER>

Description: Configures query interval at startup

Syntax:

<1-18000>	Time in seconds. Number range from=1 to=18000
-----------	---

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)# ip igmp startup-query-interval <NUMBER>
```

ip igmp startup-query-interval <NUMBER>

Description: Configures query interval at startup

Syntax:

<1-18000>	Time in seconds. Number range from=1 to=18000
-----------	---

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)# ip igmp startup-query-interval <NUMBER>
```

ip igmp state-limit

ip igmp state-limit <NUMBER>

Description: Configures State limit

Syntax:

<1-4294967295>	Maximum states allowed. Number range from=1 to=4294967295
----------------	---

Command Mode: interface : Configuration for interface bridge-domain

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# interface bridge-domain <WORD>
(config-tenant-interface)# ip igmp state-limit <NUMBER>
```

ip igmp state-limit <NUMBER>

Description: Configures State limit

Syntax:

igmp	igmp
<1-4294967295>	Maximum states allowed. Number range from=1 to=4294967295

Command Mode: template ip igmp interface-policy : Create an IGMP interface policy

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# template ip igmp interface-policy <WORD>
(config-tenant-template-ip-igmp-policy)# ip igmp state-limit <NUMBER>
```

ip igmp state-limit <NUMBER>

Description: Configures State limit

Syntax:

<1-4294967295>	Maximum states allowed. Number range from=1 to=4294967295
----------------	---

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)# ip igmp state-limit <NUMBER>
```

ip igmp state-limit <NUMBER>

Description: Configures State limit

Syntax:

<1-4294967295>	Maximum states allowed. Number range from=1 to=4294967295
----------------	---

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)# ip igmp state-limit <NUMBER>
```

ip igmp state-limit <NUMBER>

Description: Configures State limit

Syntax:

<1-4294967295>	Maximum states allowed. Number range from=1 to=4294967295
----------------	---

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)# ip igmp state-limit <NUMBER>
```

ip igmp state-limit <NUMBER>

Description: Configures State limit

Syntax:

<1-4294967295>	Maximum states allowed. Number range from=1 to=4294967295
----------------	---

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)# ip igmp state-limit <NUMBER>
```

ip igmp state-limit reserved

ip igmp state-limit <NUMBER> reserved <WORD> <NUMBER>

Description: Reserve the states using route-map

Syntax:

<1-4294967295>	Maximum states allowed. Number range from=1 to=4294967295
WORD	Route-map name
<0-4294967295>	Maximum (*,G)/(S,G) entires allowed on the interface. Number range from=0 to=4294967295

Command Mode: interface : Configuration for interface bridge-domain

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# interface bridge-domain <WORD>
(config-tenant-interface)# ip igmp state-limit <NUMBER> reserved <WORD> <NUMBER>
```

ip igmp state-limit <NUMBER> reserved <WORD> <NUMBER>

Description: Reserve the states using route-map

Syntax:

igmp	igmp
<1-4294967295>	Maximum states allowed. Number range from=1 to=4294967295
WORD	Route-map name
<0-4294967295>	Maximum (*,G)/(S,G) entires allowed on the interface. Number range from=0 to=4294967295

Command Mode: template ip igmp interface-policy : Create an IGMP interface policy

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# template ip igmp interface-policy <WORD>
(config-tenant-template-ip-igmp-policy)# ip igmp state-limit <NUMBER> reserved <WORD>
<NUMBER>
```

ip igmp state-limit <NUMBER> reserved <WORD> <NUMBER>

Description: Reserve the states using route-map

Syntax:

<1-4294967295>	Maximum states allowed. Number range from=1 to=4294967295
WORD	Route-map name
<0-4294967295>	Maximum (*,G)/(S,G) entires allowed on the interface. Number range from=0 to=4294967295

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)# ip igmp state-limit <NUMBER> reserved <WORD> <NUMBER>
```

ip igmp state-limit <NUMBER> reserved <WORD> <NUMBER>

Description: Reserve the states using route-map

Syntax:

<1-4294967295>	Maximum states allowed. Number range from=1 to=4294967295
WORD	Route-map name
<0-4294967295>	Maximum (*,G)/(S,G) entires allowed on the interface. Number range from=0 to=4294967295

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)# ip igmp state-limit <NUMBER> reserved <WORD> <NUMBER>
```

ip igmp state-limit <NUMBER> reserved <WORD> <NUMBER>

Description: Reserve the states using route-map

Syntax:

<1-4294967295>	Maximum states allowed. Number range from=1 to=4294967295
WORD	Route-map name
<0-4294967295>	Maximum (*,G)/(S,G) entires allowed on the interface. Number range from=0 to=4294967295

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)# ip igmp state-limit <NUMBER> reserved <WORD> <NUMBER>
```

ip igmp state-limit <NUMBER> reserved <WORD> <NUMBER>

Description: Reserve the states using route-map

Syntax:

<1-4294967295>	Maximum states allowed. Number range from=1 to=4294967295
<i>WORD</i>	Route-map name
<0-4294967295>	Maximum (*,G)/(S,G) entires allowed on the interface. Number range from=0 to=4294967295

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)# ip igmp state-limit <NUMBER> reserved <WORD> <NUMBER>
```

ip igmp static-oif

ip igmp static-oif route-map <WORD>

Description: Configures static oif for a multicast forwarding

Syntax:

route-map	route-map
<i>WORD</i>	Route-map name

Command Mode: interface : Configuration for interface bridge-domain

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# interface bridge-domain <WORD>
(config-tenant-interface)# ip igmp static-oif route-map <WORD>
```

ip igmp static-oif route-map <WORD>

Description: Configures static oif for a multicast forwarding

Syntax:

igmp	igmp
route-map	route-map
<i>WORD</i>	Route-map name

Command Mode: template ip igmp interface-policy : Create an IGMP interface policy

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# template ip igmp interface-policy <WORD>
(config-tenant-template-ip-igmp-policy)# ip igmp static-oif route-map <WORD>
```

ip igmp static-oif route-map <WORD>

Description: Configures static oif for a multicast forwarding

Syntax:

route-map	route-map
<i>WORD</i>	Route-map 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)# ip igmp static-oif route-map <WORD>
```

ip igmp static-oif route-map <WORD>

Description: Configures static oif for a multicast forwarding

Syntax:

route-map	route-map
<i>WORD</i>	Route-map 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)# ip igmp static-oif route-map <WORD>
```

ip igmp static-oif route-map <WORD>

Description: Configures static oif for a multicast forwarding

Syntax:

route-map	route-map
<i>WORD</i>	Route-map 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)# ip igmp static-oif route-map <WORD>
```

ip igmp static-oif route-map <WORD>

Description: Configures static oif for a multicast forwarding

Syntax:

route-map	route-map
<i>WORD</i>	Route-map 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)# ip igmp static-oif route-map <WORD>
```

ip igmp version

ip igmp version <arg>

Description: Configures IGMP version number for interface

Syntax:

<i>arg</i>	IGMP version number
------------	---------------------

Command Mode: interface : Configuration for interface bridge-domain

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# interface bridge-domain <WORD>
(config-tenant-interface)# ip igmp version <>
```

ip igmp version <arg>

Description: Configures IGMP version number for interface

Syntax:

igmp	igmp
<i>arg</i>	IGMP version number

Command Mode: template ip igmp interface-policy : Create an IGMP interface policy

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# template ip igmp interface-policy <WORD>
(config-tenant-template-ip-igmp-policy)# ip igmp version <>
```

ip igmp version <arg>

Description: Configures IGMP version number for interface

Syntax:

<i>arg</i>	IGMP version number
------------	---------------------

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)# ip igmp version <>
```

ip igmp version <arg>

Description: Configures IGMP version number for interface

Syntax:

<i>arg</i>	IGMP version number
------------	---------------------

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)# ip igmp version <>
```

ip igmp version <arg>

Description: Configures IGMP version number for interface

Syntax:

<i>arg</i>	IGMP version number
------------	---------------------

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)# ip igmp version <>
```

ip igmp version <arg>

Description: Configures IGMP version number for interface

Syntax:

<i>arg</i>	IGMP version number
------------	---------------------

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)# ip igmp version <>
```

ip load-sharing address source destination gtpu

ip load-sharing address source_destination gtpu

Description: Enable Gtp LoadBalancing

Command Mode: configure : Configuration Mode

Command Path:

```
# configure [['terminal', 't']]  
(config)# ip load-sharing address source_destination gtpu
```

ip multicast

ip multicast

Description: Enable multicast on this bridge-domain

Command Mode: interface : Configuration for interface bridge-domain

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# interface bridge-domain <WORD>
(config-tenant-interface)# ip multicast
```

ip next-hop-self

ip next-hop-self eigrp default

Description: Set the next-hop-self flag

Syntax:

eigrp	EIGRP
default	EIGRP default instance

Command Mode: template eigrp interface-policy : Configure EIGRP Interface policy templates

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# template eigrp interface-policy <WORD> tenant <WORD>
(config-template-eigrp-if-pol)# ip next-hop-self eigrp default
```

ip next-hop-self eigrp default

Description: Set EIGRP next-hop-self flag

Syntax:

eigrp	EIGRP
default	EIGRP default instance

Command Mode: interface vlan : Vlan interface

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface vlan <1-4094>
(config-leaf-if)# ip next-hop-self eigrp default
```

ip next-hop-self eigrp default

Description: Set EIGRP next-hop-self flag

Syntax:

eigrp	EIGRP
default	EIGRP default instance

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)# ip next-hop-self eigrp default
```

ip next-hop-self eigrp default**Description:** Set EIGRP next-hop-self flag**Syntax:**

eigrp	EIGRP
default	EIGRP default instance

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)# ip next-hop-self eigrp default
```

ip next-hop-self eigrp default**Description:** Set the next-hop-self flag**Syntax:**

eigrp	EIGRP
default	EIGRP default instance

Command Mode: template eigrp interface-policy : Configure EIGRP Interface policy templates**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# template eigrp interface-policy <WORD> tenant <WORD>
(config-template-eigrp-if-pol)# ip next-hop-self eigrp default
```

ip next-hop-self eigrp default**Description:** Set EIGRP next-hop-self flag**Syntax:**

eigrp	EIGRP
default	EIGRP default instance

Command Mode: interface vlan : Vlan interface

Command Path:

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface vlan <1-4094>
(config-leaf-if)# ip next-hop-self eigrp default
```

ip next-hop-self eigrp default

Description: Set EIGRP next-hop-self flag

Syntax:

eigrp	EIGRP
default	EIGRP default instance

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)# ip next-hop-self eigrp default
```

ip next-hop-self eigrp default

Description: Set EIGRP next-hop-self flag

Syntax:

eigrp	EIGRP
default	EIGRP default instance

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)# ip next-hop-self eigrp default
```


ip ospf authentication-key

ip ospf authentication-key <WORD>

Description: Set OSPF authentication key

Syntax:

<i>WORD</i>	OSPF authentication key
-------------	-------------------------

Command Mode: interface vlan : Vlan interface

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface vlan <1-4094>
(config-leaf-if)# ip ospf authentication-key <WORD>
```

ip ospf authentication-key <WORD>

Description: Set OSPF authentication key

Syntax:

<i>WORD</i>	OSPF authentication key
-------------	-------------------------

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)# ip ospf authentication-key <WORD>
```

ip ospf authentication-key <WORD>

Description: Set OSPF authentication key

Syntax:

<i>WORD</i>	OSPF authentication key
-------------	-------------------------

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)# ip ospf authentication-key <WORD>
```

ip ospf authentication-key <WORD>**Description:** Set OSPF authentication key**Syntax:**

<i>WORD</i>	OSPF authentication key
-------------	-------------------------

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

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface vlan <1-4094>
(config-leaf-if)# ip ospf authentication-key <WORD>
```

ip ospf authentication-key <WORD>**Description:** Set OSPF authentication key**Syntax:**

<i>WORD</i>	OSPF authentication key
-------------	-------------------------

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)# ip ospf authentication-key <WORD>
```

ip ospf authentication-key <WORD>**Description:** Set OSPF authentication key**Syntax:**

<i>WORD</i>	OSPF authentication key
-------------	-------------------------

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)# ip ospf authentication-key <WORD>
```

ip ospf authentication

ip ospf authentication md5|none|simple

Description: Set the OSPF authentication type

Syntax:

md5	MD5 authentication
none	No authentication
simple	Simple authentication

Command Mode: interface vlan : Vlan interface

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface vlan <1-4094>
(config-leaf-if)# ip ospf authentication md5|none|simple
```

ip ospf authentication md5|none|simple

Description: Set the OSPF authentication type

Syntax:

md5	MD5 authentication
none	No authentication
simple	Simple authentication

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)# ip ospf authentication md5|none|simple
```

ip ospf authentication md5|none|simple

Description: Set the OSPF authentication type

Syntax:

md5	MD5 authentication
none	No authentication

simple	Simple authentication
--------	-----------------------

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)# ip ospf authentication md5|none|simple
```

ip ospf authentication md5|none|simple

Description: Set the OSPF authentication type

Syntax:

md5	MD5 authentication
none	No authentication
simple	Simple authentication

Command Mode: interface vlan : Vlan interface

Command Path:

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface vlan <1-4094>
(config-leaf-if)# ip ospf authentication md5|none|simple
```

ip ospf authentication md5|none|simple

Description: Set the OSPF authentication type

Syntax:

md5	MD5 authentication
none	No authentication
simple	Simple authentication

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)# ip ospf authentication md5|none|simple
```

ip ospf authentication md5|none|simple

Description: Set the OSPF authentication type

Syntax:

md5	MD5 authentication
none	No authentication
simple	Simple authentication

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)# ip ospf authentication md5|none|simple
```

ip ospf bfd

ip ospf bfd enable

Description: Enable Bidirectional Forwarding Detection

Syntax:

enable	Enable BFD
--------	------------

Command Mode: interface vlan : Vlan interface

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface vlan <1-4094>
(config-leaf-if)# ip ospf bfd enable
```

ip ospf bfd enable

Description: Enable Bidirectional Forwarding Detection

Syntax:

enable	Enable BFD
--------	------------

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)# ip ospf bfd enable
```

ip ospf bfd enable

Description: Enable Bidirectional Forwarding Detection

Syntax:

enable	Enable BFD
--------	------------

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)# ip ospf bfd enable
```

ip ospf bfd enable**Description:** Enable Bidirectional Forwarding Detection**Syntax:**

enable	Enable BFD
--------	------------

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

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

ip ospf bfd enable**Description:** Enable Bidirectional Forwarding Detection**Syntax:**

enable	Enable BFD
--------	------------

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)# ip ospf bfd enable
```

ip ospf bfd enable**Description:** Enable Bidirectional Forwarding Detection**Syntax:**

enable	Enable BFD
--------	------------

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)# ip ospf bfd enable
```

ip ospf cost

ip ospf cost <NUMBER>

Description: Set OSPF cost for the interface

Syntax:

<0-65535>	OSPF cost. Number range from=0 to=65535
-----------	---

Command Mode: interface vlan : Vlan interface

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface vlan <1-4094>
(config-leaf-if)# ip ospf cost <NUMBER>
```

ip ospf cost <NUMBER>

Description: Set OSPF cost for the interface

Syntax:

<0-65535>	OSPF cost. Number range from=0 to=65535
-----------	---

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)# ip ospf cost <NUMBER>
```

ip ospf cost <NUMBER>

Description: Set OSPF cost for the interface

Syntax:

<0-65535>	OSPF cost. Number range from=0 to=65535
-----------	---

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)# ip ospf cost <NUMBER>
```


ip ospf cost <NUMBER>**Description:** Set OSPF cost for the interface**Syntax:**

<0-65535>	OSPF cost. Number range from=0 to=65535
-----------	---

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

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

ip ospf cost <NUMBER>**Description:** Set OSPF cost for the interface**Syntax:**

<0-65535>	OSPF cost. Number range from=0 to=65535
-----------	---

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)# ip ospf cost <NUMBER>
```

ip ospf cost <NUMBER>**Description:** Set OSPF cost for the interface**Syntax:**

<0-65535>	OSPF cost. Number range from=0 to=65535
-----------	---

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)# ip ospf cost <NUMBER>
```

ip ospf dead-interval

ip ospf dead-interval <NUMBER>

Description: Set the interval between hello packets from a neighbor before the router declares the neighbor as down

Syntax:

<1-65535>	Interval in seconds. Number range from=1 to=65535
-----------	---

Command Mode: interface vlan : Vlan interface

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface vlan <1-4094>
(config-leaf-if)# ip ospf dead-interval <NUMBER>
```

ip ospf dead-interval <NUMBER>

Description: Set the interval between hello packets from a neighbor before the router declares the neighbor as down

Syntax:

<1-65535>	Interval in seconds. Number range from=1 to=65535
-----------	---

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)# ip ospf dead-interval <NUMBER>
```

ip ospf dead-interval <NUMBER>

Description: Set the interval between hello packets from a neighbor before the router declares the neighbor as down

Syntax:

<1-65535>	Interval in seconds. Number range from=1 to=65535
-----------	---

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)# ip ospf dead-interval <NUMBER>
```

ip ospf dead-interval <NUMBER>

Description: Set the interval between hello packets from a neighbor before the router declares the neighbor as down

Syntax:

<1-65535>	Interval in seconds. Number range from=1 to=65535
-----------	---

Command Mode: interface vlan : Vlan interface

Command Path:

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface vlan <1-4094>
(config-leaf-if)# ip ospf dead-interval <NUMBER>
```

ip ospf dead-interval <NUMBER>

Description: Set the interval between hello packets from a neighbor before the router declares the neighbor as down

Syntax:

<1-65535>	Interval in seconds. Number range from=1 to=65535
-----------	---

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)# ip ospf dead-interval <NUMBER>
```

ip ospf dead-interval <NUMBER>

Description: Set the interval between hello packets from a neighbor before the router declares the neighbor as down

Syntax:

<1-65535>	Interval in seconds. Number range from=1 to=65535
-----------	---

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)# ip ospf dead-interval <NUMBER>
```

ip ospf hello-interval

ip ospf hello-interval <NUMBER>

Description: Set interval between hello packets that OSPF sends on the interface

Syntax:

<1-65535>	Interval in seconds. Number range from=1 to=65535
-----------	---

Command Mode: interface vlan : Vlan interface

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface vlan <1-4094>
(config-leaf-if)# ip ospf hello-interval <NUMBER>
```

ip ospf hello-interval <NUMBER>

Description: Set interval between hello packets that OSPF sends on the interface

Syntax:

<1-65535>	Interval in seconds. Number range from=1 to=65535
-----------	---

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)# ip ospf hello-interval <NUMBER>
```

ip ospf hello-interval <NUMBER>

Description: Set interval between hello packets that OSPF sends on the interface

Syntax:

<1-65535>	Interval in seconds. Number range from=1 to=65535
-----------	---

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)# ip ospf hello-interval <NUMBER>
```

ip ospf hello-interval <NUMBER>**Description:** Set interval between hello packets that OSPF sends on the interface**Syntax:**

<1-65535>	Interval in seconds. Number range from=1 to=65535
-----------	---

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

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface vlan <1-4094>
(config-leaf-if)# ip ospf hello-interval <NUMBER>
```

ip ospf hello-interval <NUMBER>**Description:** Set interval between hello packets that OSPF sends on the interface**Syntax:**

<1-65535>	Interval in seconds. Number range from=1 to=65535
-----------	---

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)# ip ospf hello-interval <NUMBER>
```

ip ospf hello-interval <NUMBER>**Description:** Set interval between hello packets that OSPF sends on the interface**Syntax:**

<1-65535>	Interval in seconds. Number range from=1 to=65535
-----------	---

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)# ip ospf hello-interval <NUMBER>
```

ip ospf inherit

ip ospf inherit interface-policy <WORD>

Description: Inherit OSPF Template Policy under this VRF

Syntax:

interface-policy	Inherit OSPF interface-policy
<i>WORD</i>	OSPF Template 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)# ip ospf inherit interface-policy <WORD>
```

ip ospf inherit interface-policy <WORD>

Description: Inherit OSPF Template Policy under this VRF

Syntax:

interface-policy	Inherit OSPF interface-policy
<i>WORD</i>	OSPF Template 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)# ip ospf inherit interface-policy <WORD>
```

ip ospf inherit interface-policy <WORD>

Description: Inherit OSPF Template Policy under this VRF

Syntax:

interface-policy	Inherit OSPF interface-policy
<i>WORD</i>	OSPF Template 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)# ip ospf inherit interface-policy <WORD>
```

ip ospf inherit interface-policy <WORD>

Description: Inherit OSPF Template Policy under this VRF

Syntax:

interface-policy	Inherit OSPF interface-policy
<i>WORD</i>	OSPF Template 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)# ip ospf inherit interface-policy <WORD>
```

ip ospf inherit interface-policy <WORD>

Description: Inherit OSPF Template Policy under this VRF

Syntax:

interface-policy	Inherit OSPF interface-policy
<i>WORD</i>	OSPF Template 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)# ip ospf inherit interface-policy <WORD>
```

ip ospf inherit interface-policy <WORD>

Description: Inherit OSPF Template Policy under this VRF

Syntax:

interface-policy	Inherit OSPF interface-policy
<i>WORD</i>	OSPF Template 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)# ip ospf inherit interface-policy <WORD>
```

ip ospf mtu-ignore

ip ospf mtu-ignore

Description: Set OSPF Interface Policy Controls

Command Mode: interface vlan : Vlan interface

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface vlan <1-4094>
(config-leaf-if)# ip ospf mtu-ignore
```

ip ospf mtu-ignore

Description: Set OSPF Interface Policy Controls

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)# ip ospf mtu-ignore
```

ip ospf mtu-ignore

Description: Set OSPF Interface Policy Controls

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)# ip ospf mtu-ignore
```

ip ospf mtu-ignore

Description: Set OSPF Interface Policy Controls

Command Mode: interface vlan : Vlan interface

Command Path:

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

ip ospf mtu-ignore

Description: Set OSPF Interface Policy Controls

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)# ip ospf mtu-ignore
```

ip ospf mtu-ignore

Description: Set OSPF Interface Policy Controls

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)# ip ospf mtu-ignore
```

ip ospf network

ip ospf network bcast|p2p|unspecified

Description: Set OSPF interface policy network type

Syntax:

<i>bcast</i>	The OSPF interface policy network type. OSPF supports point-to-point and broadcast.
<i>p2p</i>	The OSPF interface policy network type. OSPF supports point-to-point and broadcast.
<i>unspecified</i>	The OSPF interface policy network type. OSPF supports point-to-point and broadcast.

Command Mode: interface vlan : Vlan interface

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface vlan <1-4094>
(config-leaf-if)# ip ospf network bcast|p2p|unspecified
```

ip ospf network bcast|p2p|unspecified

Description: Set OSPF interface policy network type

Syntax:

<i>bcast</i>	The OSPF interface policy network type. OSPF supports point-to-point and broadcast.
<i>p2p</i>	The OSPF interface policy network type. OSPF supports point-to-point and broadcast.
<i>unspecified</i>	The OSPF interface policy network type. OSPF supports point-to-point and broadcast.

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)# ip ospf network bcast|p2p|unspecified
```

ip ospf network bcast|p2p|unspecified

Description: Set OSPF interface policy network type

Syntax:

<i>bcast</i>	The OSPF interface policy network type. OSPF supports point-to-point and broadcast.
<i>p2p</i>	The OSPF interface policy network type. OSPF supports point-to-point and broadcast.
<i>unspecified</i>	The OSPF interface policy network type. OSPF supports point-to-point and broadcast.

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)# ip ospf network bcast|p2p|unspecified
```

ip ospf network bcast|p2p|unspecified

Description: Set OSPF interface policy network type

Syntax:

<i>bcast</i>	The OSPF interface policy network type. OSPF supports point-to-point and broadcast.
<i>p2p</i>	The OSPF interface policy network type. OSPF supports point-to-point and broadcast.
<i>unspecified</i>	The OSPF interface policy network type. OSPF supports point-to-point and broadcast.

Command Mode: interface vlan : Vlan interface

Command Path:

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface vlan <1-4094>
(config-leaf-if)# ip ospf network bcast|p2p|unspecified
```

ip ospf network bcast|p2p|unspecified

Description: Set OSPF interface policy network type

Syntax:

<i>bcast</i>	The OSPF interface policy network type. OSPF supports point-to-point and broadcast.
<i>p2p</i>	The OSPF interface policy network type. OSPF supports point-to-point and broadcast.

<i>unspecified</i>	The OSPF interface policy network type. OSPF supports point-to-point and broadcast.
--------------------	---

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)# ip ospf network bcast|p2p|unspecified
```

ip ospf network bcast|p2p|unspecified

Description: Set OSPF interface policy network type

Syntax:

<i>bcast</i>	The OSPF interface policy network type. OSPF supports point-to-point and broadcast.
<i>p2p</i>	The OSPF interface policy network type. OSPF supports point-to-point and broadcast.
<i>unspecified</i>	The OSPF interface policy network type. OSPF supports point-to-point and broadcast.

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)# ip ospf network bcast|p2p|unspecified
```

ip ospf passive-interface

ip ospf passive-interface

Description: Set OSPF Interface Policy Controls

Command Mode: interface vlan : Vlan interface

Command Path:

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

ip ospf passive-interface

Description: Set OSPF Interface Policy Controls

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)# ip ospf passive-interface
```

ip ospf passive-interface

Description: Set OSPF Interface Policy Controls

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)# ip ospf passive-interface
```

ip ospf passive-interface

Description: Set OSPF Interface Policy Controls

Command Mode: interface vlan : Vlan interface

Command Path:

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

ip ospf passive-interface

Description: Set OSPF Interface Policy Controls

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)# ip ospf passive-interface
```

ip ospf passive-interface

Description: Set OSPF Interface Policy Controls

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)# ip ospf passive-interface
```


ip ospf prefix-suppression

ip ospf prefix-suppression disable|enable|inherit

Description: Set prefix suppression

Syntax:

<i>disable</i>	The OSPF interface prefix suppression.
<i>enable</i>	The OSPF interface prefix suppression.
<i>inherit</i>	The OSPF interface prefix suppression.

Command Mode: interface vlan : Vlan interface

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface vlan <1-4094>
(config-leaf-if)# ip ospf prefix-suppression disable|enable|inherit
```

ip ospf prefix-suppression disable|enable|inherit

Description: Set prefix suppression

Syntax:

<i>disable</i>	The OSPF interface prefix suppression.
<i>enable</i>	The OSPF interface prefix suppression.
<i>inherit</i>	The OSPF interface prefix suppression.

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)# ip ospf prefix-suppression disable|enable|inherit
```

ip ospf prefix-suppression disable|enable|inherit

Description: Set prefix suppression

Syntax:

<i>disable</i>	The OSPF interface prefix suppression.
<i>enable</i>	The OSPF interface prefix suppression.

<i>inherit</i>	The OSPF interface prefix suppression.
----------------	--

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)# ip ospf prefix-suppression disable|enable|inherit
```

ip ospf prefix-suppression disable|enable|inherit

Description: Set prefix suppression

Syntax:

<i>disable</i>	The OSPF interface prefix suppression.
<i>enable</i>	The OSPF interface prefix suppression.
<i>inherit</i>	The OSPF interface prefix suppression.

Command Mode: interface vlan : Vlan interface

Command Path:

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface vlan <1-4094>
(config-leaf-if)# ip ospf prefix-suppression disable|enable|inherit
```

ip ospf prefix-suppression disable|enable|inherit

Description: Set prefix suppression

Syntax:

<i>disable</i>	The OSPF interface prefix suppression.
<i>enable</i>	The OSPF interface prefix suppression.
<i>inherit</i>	The OSPF interface prefix suppression.

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)# ip ospf prefix-suppression disable|enable|inherit
```

ip ospf prefix-suppression disable|enable|inherit**Description:** Set prefix suppression**Syntax:**

<i>disable</i>	The OSPF interface prefix suppression.
<i>enable</i>	The OSPF interface prefix suppression.
<i>inherit</i>	The OSPF interface prefix suppression.

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)# ip ospf prefix-suppression disable|enable|inherit
```

ip ospf priority

ip ospf priority <NUMBER>

Description: Set OSPF interface priority used to determine the designated router (DR) on a specific network

Syntax:

<0-255>	OSPF priority. Number range from=0 to=255
---------	---

Command Mode: interface vlan : Vlan interface

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface vlan <1-4094>
(config-leaf-if)# ip ospf priority <NUMBER>
```

ip ospf priority <NUMBER>

Description: Set OSPF interface priority used to determine the designated router (DR) on a specific network

Syntax:

<0-255>	OSPF priority. Number range from=0 to=255
---------	---

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)# ip ospf priority <NUMBER>
```

ip ospf priority <NUMBER>

Description: Set OSPF interface priority used to determine the designated router (DR) on a specific network

Syntax:

<0-255>	OSPF priority. Number range from=0 to=255
---------	---

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)# ip ospf priority <NUMBER>
```

ip ospf priority <NUMBER>**Description:** Set OSPF interface priority used to determine the designated router (DR) on a specific network**Syntax:**

<0-255>	OSPF priority. Number range from=0 to=255
---------	---

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

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

ip ospf priority <NUMBER>**Description:** Set OSPF interface priority used to determine the designated router (DR) on a specific network**Syntax:**

<0-255>	OSPF priority. Number range from=0 to=255
---------	---

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)# ip ospf priority <NUMBER>
```

ip ospf priority <NUMBER>**Description:** Set OSPF interface priority used to determine the designated router (DR) on a specific network**Syntax:**

<0-255>	OSPF priority. Number range from=0 to=255
---------	---

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)# ip ospf priority <NUMBER>
```

ip ospf retransmit-interval

ip ospf retransmit-interval <NUMBER>

Description: Set OSPF Policy Graceful Restart Timers

Syntax:

<1-65535>	Interval in seconds. Number range from=1 to=65535
-----------	---

Command Mode: interface vlan : Vlan interface

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface vlan <1-4094>
(config-leaf-if)# ip ospf retransmit-interval <NUMBER>
```

ip ospf retransmit-interval <NUMBER>

Description: Set OSPF Policy Graceful Restart Timers

Syntax:

<1-65535>	Interval in seconds. Number range from=1 to=65535
-----------	---

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)# ip ospf retransmit-interval <NUMBER>
```

ip ospf retransmit-interval <NUMBER>

Description: Set OSPF Policy Graceful Restart Timers

Syntax:

<1-65535>	Interval in seconds. Number range from=1 to=65535
-----------	---

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)# ip ospf retransmit-interval <NUMBER>
```

ip ospf retransmit-interval <NUMBER>**Description:** Set OSPF Policy Graceful Restart Timers**Syntax:**

<1-65535>	Interval in seconds. Number range from=1 to=65535
-----------	---

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

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface vlan <1-4094>
(config-leaf-if)# ip ospf retransmit-interval <NUMBER>
```

ip ospf retransmit-interval <NUMBER>**Description:** Set OSPF Policy Graceful Restart Timers**Syntax:**

<1-65535>	Interval in seconds. Number range from=1 to=65535
-----------	---

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)# ip ospf retransmit-interval <NUMBER>
```

ip ospf retransmit-interval <NUMBER>**Description:** Set OSPF Policy Graceful Restart Timers**Syntax:**

<1-65535>	Interval in seconds. Number range from=1 to=65535
-----------	---

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)# ip ospf retransmit-interval <NUMBER>
```

ip ospf transmit-delay

ip ospf transmit-delay <NUMBER>

Description: Set the delay time needed to send an LSA update packet.

Syntax:

<1-450>	Delay in seconds. Number range from=1 to=450
---------	--

Command Mode: interface vlan : Vlan interface

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface vlan <1-4094>
(config-leaf-if)# ip ospf transmit-delay <NUMBER>
```

ip ospf transmit-delay <NUMBER>

Description: Set the delay time needed to send an LSA update packet.

Syntax:

<1-450>	Delay in seconds. Number range from=1 to=450
---------	--

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)# ip ospf transmit-delay <NUMBER>
```

ip ospf transmit-delay <NUMBER>

Description: Set the delay time needed to send an LSA update packet.

Syntax:

<1-450>	Delay in seconds. Number range from=1 to=450
---------	--

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)# ip ospf transmit-delay <NUMBER>
```


ip ospf transmit-delay <NUMBER>**Description:** Set the delay time needed to send an LSA update packet.**Syntax:**

<1-450>	Delay in seconds. Number range from=1 to=450
---------	--

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

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface vlan <1-4094>
(config-leaf-if)# ip ospf transmit-delay <NUMBER>
```

ip ospf transmit-delay <NUMBER>**Description:** Set the delay time needed to send an LSA update packet.**Syntax:**

<1-450>	Delay in seconds. Number range from=1 to=450
---------	--

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)# ip ospf transmit-delay <NUMBER>
```

ip ospf transmit-delay <NUMBER>**Description:** Set the delay time needed to send an LSA update packet.**Syntax:**

<1-450>	Delay in seconds. Number range from=1 to=450
---------	--

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)# ip ospf transmit-delay <NUMBER>
```

ip passive-interface

ip passive-interface eigrp default

Description: Set the passive-interface flag

Syntax:

eigrp	EIGRP
default	EIGRP default instance

Command Mode: template eigrp interface-policy : Configure EIGRP Interface policy templates

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# template eigrp interface-policy <WORD> tenant <WORD>
(config-template-eigrp-if-pol)# ip passive-interface eigrp default
```

ip passive-interface eigrp default

Description: Set EIGRP passive-interface flag

Syntax:

eigrp	EIGRP
default	EIGRP default instance

Command Mode: interface vlan : Vlan interface

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface vlan <1-4094>
(config-leaf-if)# ip passive-interface eigrp default
```

ip passive-interface eigrp default

Description: Set EIGRP passive-interface flag

Syntax:

eigrp	EIGRP
default	EIGRP default instance

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)# ip passive-interface eigrp default
```

ip passive-interface eigrp default

Description: Set EIGRP passive-interface flag

Syntax:

eigrp	EIGRP
default	EIGRP default instance

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)# ip passive-interface eigrp default
```

ip passive-interface eigrp default

Description: Set the passive-interface flag

Syntax:

eigrp	EIGRP
default	EIGRP default instance

Command Mode: template eigrp interface-policy : Configure EIGRP Interface policy templates

Command Path:

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

ip passive-interface eigrp default

Description: Set EIGRP passive-interface flag

Syntax:

eigrp	EIGRP
default	EIGRP default instance

Command Mode: interface vlan : Vlan interface

Command Path:

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

ip passive-interface eigrp default**Description:** Set EIGRP passive-interface flag**Syntax:**

eigrp	EIGRP
default	EIGRP default instance

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)# ip passive-interface eigrp default
```

ip passive-interface eigrp default**Description:** Set EIGRP passive-interface flag**Syntax:**

eigrp	EIGRP
default	EIGRP default instance

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)# ip passive-interface eigrp default
```

ip pim

ip pim

Description: Enable PIM

Command Mode: vrf : Configuration for vrf

Command Path:

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

ip pim

Description: Enable PIM

Command Mode: l3out : Configuration for L3Out

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# l3out <WORD>
(config-tenant-l3out)# ip pim
```

ip pim auto-rp forward

ip pim auto-rp forward listen

Description: Forward Auto-RP messages

Syntax:

listen	Listen to Auto-RP messages
--------	----------------------------

Command Mode: vrf : Configuration for vrf

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# vrf context <WORD>
(config-tenant-vrf)# ip pim auto-rp forward listen
```

ip pim auto-rp listen

ip pim auto-rp listen forward

Description: Listen to Auto-RP messages

Syntax:

forward	Forward Auto-RP messages
---------	--------------------------

Command Mode: vrf : Configuration for vrf

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# vrf context <WORD>
(config-tenant-vrf)# ip pim auto-rp listen forward
```

ip pim auto-rp mapping-agent-policy

ip pim auto-rp mapping-agent-policy <WORD>

Description: Associate route-map policy for filtering Mapping Agent messages

Syntax:

<i>WORD</i>	Route-map name
-------------	----------------

Command Mode: vrf : Configuration for vrf

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# vrf context <WORD>
(config-tenant-vrf)# ip pim auto-rp mapping-agent-policy <WORD>
```


ip pim border

ip pim border

Description: Configures interface to be a boundary of a PIM domain

Syntax:

pim	pim
-----	-----

Command Mode: template ip pim interface-policy : Create a PIM interface policy

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# template ip pim interface-policy <WORD>
(config-tenant-template-ip-pim)# ip pim border
```

ip pim border

Description: Configures interface to be a boundary of a PIM domain

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)# ip pim border
```

ip pim border

Description: Configures interface to be a boundary of a PIM domain

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)# ip pim border
```

ip pim border

Description: Configures interface to be a boundary of a PIM domain

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)# ip pim border
```

ip pim border

Description: Configures interface to be a boundary of a PIM domain

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)# ip pim border
```

ip pim bsr bsr-policy

ip pim bsr bsr-policy <WORD>

Description: Associate route-map policy for filtering BSR messages

Syntax:

<i>WORD</i>	Route-map name
-------------	----------------

Command Mode: vrf : Configuration for vrf

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# vrf context <WORD>
(config-tenant-vrf)# ip pim bsr bsr-policy <WORD>
```

ip pim bsr forward

ip pim bsr forward listen

Description: Forward Bootstrap/Candidate-RP messages

Syntax:

listen	Listen to Bootstrap/Candidate-RP messages
--------	---

Command Mode: vrf : Configuration for vrf

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# vrf context <WORD>
(config-tenant-vrf)# ip pim bsr forward listen
```

ip pim bsr listen

ip pim bsr listen forward

Description: Listen to Bootstrap/Candidate-RP messages

Syntax:

forward	Forward Bootstrap/Candidate-RP messages
---------	---

Command Mode: vrf : Configuration for vrf

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# vrf context <WORD>
(config-tenant-vrf)# ip pim bsr listen forward
```

ip pim dr-delay

ip pim dr-delay <NUMBER>

Description: Configures delay for PIM DR election on interface

Syntax:

pim	pim
<1-65535>	DR Delay Value in seconds. Number range from=1 to=65535

Command Mode: template ip pim interface-policy : Create a PIM interface policy

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# template ip pim interface-policy <WORD>
(config-tenant-template-ip-pim)# ip pim dr-delay <NUMBER>
```

ip pim dr-delay <NUMBER>

Description: Configures delay for PIM DR election on interface

Syntax:

<1-65535>	DR Delay Value in seconds. Number range from=1 to=65535
-----------	---

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)# ip pim dr-delay <NUMBER>
```

ip pim dr-delay <NUMBER>

Description: Configures delay for PIM DR election on interface

Syntax:

<1-65535>	DR Delay Value in seconds. Number range from=1 to=65535
-----------	---

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)# ip pim dr-delay <NUMBER>
```

ip pim dr-delay <NUMBER>

Description: Configures delay for PIM DR election on interface

Syntax:

<1-65535>	DR Delay Value in seconds. Number range from=1 to=65535
-----------	---

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)# ip pim dr-delay <NUMBER>
```

ip pim dr-delay <NUMBER>

Description: Configures delay for PIM DR election on interface

Syntax:

<1-65535>	DR Delay Value in seconds. Number range from=1 to=65535
-----------	---

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)# ip pim dr-delay <NUMBER>
```

ip pim dr-priority

ip pim dr-priority <NUMBER>

Description: Configures priority for PIM DR election on interface

Syntax:

pim	pim
<1-4294967295>	DR priority. Number range from=1 to=4294967295

Command Mode: template ip pim interface-policy : Create a PIM interface policy

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# template ip pim interface-policy <WORD>
(config-tenant-template-ip-pim)# ip pim dr-priority <NUMBER>
```

ip pim dr-priority <NUMBER>

Description: Configures priority for PIM DR election on interface

Syntax:

<1-4294967295>	DR priority. Number range from=1 to=4294967295
----------------	--

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)# ip pim dr-priority <NUMBER>
```

ip pim dr-priority <NUMBER>

Description: Configures priority for PIM DR election on interface

Syntax:

<1-4294967295>	DR priority. Number range from=1 to=4294967295
----------------	--

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)# ip pim dr-priority <NUMBER>
```

ip pim dr-priority <NUMBER>

Description: Configures priority for PIM DR election on interface

Syntax:

<1-4294967295>	DR priority. Number range from=1 to=4294967295
----------------	--

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)# ip pim dr-priority <NUMBER>
```

ip pim dr-priority <NUMBER>

Description: Configures priority for PIM DR election on interface

Syntax:

<1-4294967295>	DR priority. Number range from=1 to=4294967295
----------------	--

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)# ip pim dr-priority <NUMBER>
```

ip pim fabric-rp-address

ip pim fabric-rp-address <A.B.C.D> [route-map <WORD>]

Description: Configure fabric RP for group range

Syntax:

<i>A.B.C.D</i>	IP address in format A.B.C.D
<i>WORD</i>	(Optional) route-map name

Command Mode: vrf : Configuration for vrf

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# vrf context <WORD>
(config-tenant-vrf)# ip pim fabric-rp-address <A.B.C.D> [route-map <WORD>]
```

ip pim fast-convergence

ip pim fast-convergence

Description: Set PIM fast convergence

Command Mode: vrf : Configuration for vrf

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# vrf context <WORD>
(config-tenant-vrf)# ip pim fast-convergence
```

ip pim hello-authentication

ip pim hello-authentication ah-md5 <WORD>

Description: Add AH header option to Hellos

Syntax:

pim	pim
ah-md5	MD5 authentication
<i>WORD</i>	PIM hello authentication key

Command Mode: template ip pim interface-policy : Create a PIM interface policy

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# template ip pim interface-policy <WORD>
(config-tenant-template-ip-pim)# ip pim hello-authentication ah-md5 <WORD>
```

ip pim hello-authentication ah-md5 <WORD>

Description: Add AH header option to Hellos

Syntax:

ah-md5	MD5 authentication
<i>WORD</i>	PIM hello authentication key

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)# ip pim hello-authentication ah-md5 <WORD>
```

ip pim hello-authentication ah-md5 <WORD>

Description: Add AH header option to Hellos

Syntax:

ah-md5	MD5 authentication
<i>WORD</i>	PIM hello authentication key

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)# ip pim hello-authentication ah-md5 <WORD>
```

ip pim hello-authentication ah-md5 <WORD>**Description:** Add AH header option to Hellos**Syntax:**

ah-md5	MD5 authentication
<i>WORD</i>	PIM hello authentication key

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)# ip pim hello-authentication ah-md5 <WORD>
```

ip pim hello-authentication ah-md5 <WORD>**Description:** Add AH header option to Hellos**Syntax:**

ah-md5	MD5 authentication
<i>WORD</i>	PIM hello authentication key

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)# ip pim hello-authentication ah-md5 <WORD>
```

ip pim hello-interval

ip pim hello-interval <NUMBER>

Description: Configures the Hello interval for the interface

Syntax:

pim	pim
<1-18724286>	Hello Interval Value. Number range from=1 to=18724286

Command Mode: template ip pim interface-policy : Create a PIM interface policy

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# template ip pim interface-policy <WORD>
(config-tenant-template-ip-pim)# ip pim hello-interval <NUMBER>
```

ip pim hello-interval <NUMBER>

Description: Configures the Hello interval for the interface

Syntax:

<1-65535>	Hello Interval Value in milliseconds. Number range from=1 to=65535
-----------	--

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)# ip pim hello-interval <NUMBER>
```

ip pim hello-interval <NUMBER>

Description: Configures the Hello interval for the interface

Syntax:

<1-65535>	Hello Interval Value in milliseconds. Number range from=1 to=65535
-----------	--

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)# ip pim hello-interval <NUMBER>
```

ip pim hello-interval <NUMBER>

Description: Configures the Hello interval for the interface

Syntax:

<1-65535>	Hello Interval Value in milliseconds. Number range from=1 to=65535
-----------	--

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)# ip pim hello-interval <NUMBER>
```

ip pim hello-interval <NUMBER>

Description: Configures the Hello interval for the interface

Syntax:

<1-65535>	Hello Interval Value in milliseconds. Number range from=1 to=65535
-----------	--

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)# ip pim hello-interval <NUMBER>
```

ip pim inherit

ip pim inherit interface-policy <WORD> [tenant <WORD>]

Description: Associate a PIM interface policy to this interface

Syntax:

interface-policy	interface-policy
<i>WORD</i>	PIM interface policy name (Max Size 64)
<i>WORD</i>	(Optional) Tenant where policy is defined

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)# ip pim inherit interface-policy <WORD> [tenant <WORD>]
```

ip pim inherit interface-policy <WORD> [tenant <WORD>]

Description: Associate a PIM interface policy to this interface

Syntax:

interface-policy	interface-policy
<i>WORD</i>	PIM interface policy name (Max Size 64)
<i>WORD</i>	(Optional) Tenant where policy is defined

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)# ip pim inherit interface-policy <WORD> [tenant <WORD>]
```

ip pim inherit interface-policy <WORD> [tenant <WORD>]

Description: Associate a PIM interface policy to this interface

Syntax:

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

<i>WORD</i>	(Optional) Tenant where policy is defined
-------------	---

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)# ip pim inherit interface-policy <WORD> [tenant <WORD>]
```

ip pim inherit interface-policy <WORD> [tenant <WORD>]

Description: Associate a PIM interface policy to this interface

Syntax:

interface-policy	interface-policy
<i>WORD</i>	PIM interface policy name (Max Size 64)
<i>WORD</i>	(Optional) Tenant where policy is defined

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)# ip pim inherit interface-policy <WORD> [tenant <WORD>]
```

ip pim inter-vrf-src

ip pim inter-vrf-src <WORD> <WORD> [route-map <WORD>]

Description: Configure intervrf leaking for group range

Syntax:

<i>WORD</i>	Tenant name (Max Size 63)
<i>WORD</i>	VRF name (Max Size 64)
<i>WORD</i>	(Optional) route-map name

Command Mode: vrf : Configuration for vrf

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# vrf context <WORD>
(config-tenant-vrf)# ip pim inter-vrf-src <WORD> <WORD> [route-map <WORD>]
```

ip pim jp-interval

ip pim jp-interval <NUMBER>

Description: Configures the Join-Prune interval for the interface

Syntax:

pim	pim
<60-65520>	JP Interval Value. Number range from=60 to=65520

Command Mode: template ip pim interface-policy : Create a PIM interface policy

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# template ip pim interface-policy <WORD>
(config-tenant-template-ip-pim)# ip pim jp-interval <NUMBER>
```

ip pim jp-interval <NUMBER>

Description: Configures the Join-Prune interval for the interface

Syntax:

<60-65520>	JP Interval Value. Number range from=60 to=65520
------------	--

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)# ip pim jp-interval <NUMBER>
```

ip pim jp-interval <NUMBER>

Description: Configures the Join-Prune interval for the interface

Syntax:

<60-65520>	JP Interval Value. Number range from=60 to=65520
------------	--

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)# ip pim jp-interval <NUMBER>
```

ip pim jp-interval <NUMBER>

Description: Configures the Join-Prune interval for the interface

Syntax:

<60-65520>	JP Interval Value. Number range from=60 to=65520
------------	--

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)# ip pim jp-interval <NUMBER>
```

ip pim jp-interval <NUMBER>

Description: Configures the Join-Prune interval for the interface

Syntax:

<60-65520>	JP Interval Value. Number range from=60 to=65520
------------	--

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)# ip pim jp-interval <NUMBER>
```

ip pim jp-policy

ip pim jp-policy <WORD> in|out

Description: Specify policy for receiving Join-Prune messages

Syntax:

pim	pim
<i>WORD</i>	Route-map name
in	in
out	out

Command Mode: template ip pim interface-policy : Create a PIM interface policy

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# template ip pim interface-policy <WORD>
(config-tenant-template-ip-pim)# ip pim jp-policy <WORD> in|out
```

ip pim jp-policy <WORD> in|out

Description: Specify policy for receiving Join-Prune messages

Syntax:

<i>WORD</i>	Route-map name
in	in
out	out

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)# ip pim jp-policy <WORD> in|out
```

ip pim jp-policy <WORD> in|out

Description: Specify policy for receiving Join-Prune messages

Syntax:

<i>WORD</i>	Route-map name
-------------	----------------

in	in
out	out

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)# ip pim jp-policy <WORD> in|out
```

ip pim jp-policy <WORD> in|out

Description: Specify policy for receiving Join-Prune messages

Syntax:

<i>WORD</i>	Route-map name
in	in
out	out

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)# ip pim jp-policy <WORD> in|out
```

ip pim jp-policy <WORD> in|out

Description: Specify policy for receiving Join-Prune messages

Syntax:

<i>WORD</i>	Route-map name
in	in
out	out

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)# ip pim jp-policy <WORD> in|out
```

ip pim mtu

ip pim mtu <NUMBER>

Description: Set PIM MTU size

Syntax:

<1500-65536>	MTU size in bytes. Number range from=1500 to=65536
--------------	--

Command Mode: vrf : Configuration for vrf

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# vrf context <WORD>
(config-tenant-vrf)# ip pim mtu <NUMBER>
```

ip pim neighbor-policy

ip pim neighbor-policy <WORD>

Description: Configures a neighbor policy for filtering adjacencies

Syntax:

pim	pim
<i>WORD</i>	Route-map name

Command Mode: template ip pim interface-policy : Create a PIM interface policy

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# template ip pim interface-policy <WORD>
(config-tenant-template-ip-pim)# ip pim neighbor-policy <WORD>
```

ip pim neighbor-policy <WORD>

Description: Configures a neighbor policy for filtering adjacencies

Syntax:

<i>WORD</i>	Route-map 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)# ip pim neighbor-policy <WORD>
```

ip pim neighbor-policy <WORD>

Description: Configures a neighbor policy for filtering adjacencies

Syntax:

<i>WORD</i>	Route-map 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)# ip pim neighbor-policy <WORD>
```

ip pim neighbor-policy <WORD>

Description: Configures a neighbor policy for filtering adjacencies

Syntax:

<i>WORD</i>	Route-map 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)# ip pim neighbor-policy <WORD>
```

ip pim neighbor-policy <WORD>

Description: Configures a neighbor policy for filtering adjacencies

Syntax:

<i>WORD</i>	Route-map 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)# ip pim neighbor-policy <WORD>
```

ip pim passive

ip pim passive

Description: Configures interface to be a passive interface

Syntax:

pim	pim
-----	-----

Command Mode: template ip pim interface-policy : Create a PIM interface policy

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# template ip pim interface-policy <WORD>
(config-tenant-template-ip-pim)# ip pim passive
```

ip pim passive

Description: Configures interface to be a passive 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)# ip pim passive
```

ip pim passive

Description: Configures interface to be a passive interface

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)# ip pim passive
```

ip pim passive

Description: Configures interface to be a passive 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)# ip pim passive
```

ip pim passive

Description: Configures interface to be a passive interface

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)# ip pim passive
```

ip pim register-rate-limit

ip pim register-rate-limit <NUMBER>

Description: Rate limit for PIM data registers

Syntax:

<1-65535>	Max number of packets per second. Number range from=1 to=65535
-----------	--

Command Mode: vrf : Configuration for vrf

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# vrf context <WORD>
(config-tenant-vrf)# ip pim register-rate-limit <NUMBER>
```

ip pim register-source

ip pim register-source <A.B.C.D>

Description: Configure source address for Register messages

Syntax:

<i>A.B.C.D</i>	Source IP address in format A.B.C.D
----------------	-------------------------------------

Command Mode: vrf : Configuration for vrf

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# vrf context <WORD>
(config-tenant-vrf)# ip pim register-source <A.B.C.D>
```

ip pim rp-address

ip pim rp-address <A.B.C.D> [route-map <WORD>]

Description: Configure static RP for group range

Syntax:

<i>A.B.C.D</i>	IP address in format A.B.C.D
<i>WORD</i>	(Optional) route-map name

Command Mode: vrf : Configuration for vrf

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# vrf context <WORD>
(config-tenant-vrf)# ip pim rp-address <A.B.C.D> [route-map <WORD>]
```

ip pim sg-expiry-timer

ip pim sg-expiry-timer <NUMBER> [sg-list <WORD>]

Description: Adjust expiry time for PIM ASM (S,G) routes

Syntax:

<180-604801>	Expiry timer interval in seconds. Number range from=180 to=604801
WORD	(Optional) Route-map name

Command Mode: vrf : Configuration for vrf

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# vrf context <WORD>
(config-tenant-vrf)# ip pim sg-expiry-timer <NUMBER> [sg-list <WORD>]
```

ip pim sparse

ip pim sparse

Description: Enable PIM on this 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)# ip pim sparse
```

ip pim sparse

Description: Enable PIM on this interface

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)# ip pim sparse
```

ip pim sparse

Description: Enable PIM on this 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)# ip pim sparse
```

ip pim sparse

Description: Enable PIM on this interface

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)# ip pim sparse
```


ip pim ssm route-map

ip pim ssm route-map <WORD>

Description: Associate route-map policy for SSM range

Syntax:

<i>WORD</i>	Route-map name
-------------	----------------

Command Mode: vrf : Configuration for vrf

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# vrf context <WORD>
(config-tenant-vrf)# ip pim ssm route-map <WORD>
```

ip pim state-limit

ip pim state-limit <NUMBER>

Description: Configure maximum state entries

Syntax:

<1-4294967295>	Maximum state entries. Number range from=1 to=4294967295
----------------	--

Command Mode: vrf : Configuration for vrf

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# vrf context <WORD>
(config-tenant-vrf)# ip pim state-limit <NUMBER>
```

ip pim state-limit reserved

ip pim state-limit <NUMBER> reserved <WORD> <NUMBER>

Description: Configure maximum state entries

Syntax:

<1-4294967295>	Maximum state entries. Number range from=1 to=4294967295
WORD	route-map name
<0-4294967295>	Maximum reserve state entries. Number range from=0 to=4294967295

Command Mode: vrf : Configuration for vrf

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# vrf context <WORD>
(config-tenant-vrf)# ip pim state-limit <NUMBER> reserved <WORD> <NUMBER>
```

ip pim strict-rfc-compliant

ip pim strict-rfc-compliant

Description: Set PIM RFC Compliant

Command Mode: vrf : Configuration for vrf

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# vrf context <WORD>
(config-tenant-vrf)# ip pim strict-rfc-compliant
```

ip pim strict-rfc-compliant

Description: Set PIM RFC Compliant

Syntax:

pim	pim
-----	-----

Command Mode: template ip pim interface-policy : Create a PIM interface policy

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# template ip pim interface-policy <WORD>
(config-tenant-template-ip-pim)# ip pim strict-rfc-compliant
```

ip pim strict-rfc-compliant

Description: Set PIM RFC Compliant

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)# ip pim strict-rfc-compliant
```

ip pim strict-rfc-compliant

Description: Set PIM RFC Compliant

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)# ip pim strict-rfc-compliant
```

ip pim strict-rfc-compliant

Description: Set PIM RFC Compliant

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)# ip pim strict-rfc-compliant
```

ip pim strict-rfc-compliant

Description: Set PIM RFC Compliant

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)# ip pim strict-rfc-compliant
```

ip pim use-shared-tree-only

ip pim use-shared-tree-only group-list <WORD>

Description: Use (*,G) only state, no source state is created

Syntax:

group-list	group list
<i>WORD</i>	Route-map name

Command Mode: vrf : Configuration for vrf

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# vrf context <WORD>
(config-tenant-vrf)# ip pim use-shared-tree-only group-list <WORD>
```

ip prefix-list

ip prefix-list <WORD> permit <A.B.C.D/LEN | A:B::C:D/LEN>

Description: Build a prefix-list

Syntax:

<i>WORD</i>	Name of prefix-list (Max Size 64)
permit	Specify routes to forward
<i>A.B.C.D/LEN A:B::C:D/LEN</i>	IP prefix network/length, e.g., 35.0.0.0/8 or 2001::/64

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)# ip prefix-list <WORD> permit <A.B.C.D/LEN | A:B::C:D/LEN>
```

ip prefix-list <WORD> permit <A.B.C.D/LEN | A:B::C:D/LEN>

Description: Build a prefix-list

Syntax:

<i>WORD</i>	Name of prefix-list (Max Size 64)
permit	Specify routes to forward
<i>A.B.C.D/LEN A:B::C:D/LEN</i>	IP prefix network/length, e.g., 35.0.0.0/8 or 2001::/64

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)# ip prefix-list <WORD> permit <A.B.C.D/LEN | A:B::C:D/LEN>
```

ip prefix-list permit le

ip prefix-list <WORD> permit <A.B.C.D/LEN | A:B::C:D/LEN> le <32>

Description: Maximum prefix length to be matched

Syntax:

<i>WORD</i>	Name of prefix-list (Max Size 64)
permit	Specify routes to forward
<i>A.B.C.D/LEN A:B::C:D/LEN</i>	IP prefix network/length, e.g., 35.0.0.0/8 or 2001::/64
32	Maximum prefix length

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)# ip prefix-list <WORD> permit <A.B.C.D/LEN | A:B::C:D/LEN> le
<32>
```

ip prefix-list <WORD> permit <A.B.C.D/LEN | A:B::C:D/LEN> le <32>

Description: Maximum prefix length to be matched

Syntax:

<i>WORD</i>	Name of prefix-list (Max Size 64)
permit	Specify routes to forward
<i>A.B.C.D/LEN A:B::C:D/LEN</i>	IP prefix network/length, e.g., 35.0.0.0/8 or 2001::/64
32	Maximum prefix length

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)# ip prefix-list <WORD> permit <A.B.C.D/LEN | A:B::C:D/LEN> le
<32>
```


ip prefix

ip prefix permit <A.B.C.D/LEN | A:B::C:D/LEN>

Description: IP prefix for route match

Syntax:

permit	Specify routes to forward
<i>A.B.C.D/LEN A:B::C:D/LEN</i>	IP prefix network/length, e.g., 35.0.0.0/8 or 2001::/64

Command Mode: template route group : Configure Route Group

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# template route group <WORD> tenant <WORD>
(config-route-group)# ip prefix permit <A.B.C.D/LEN | A:B::C:D/LEN>
```

ip prefix permit <A.B.C.D/LEN | A:B::C:D/LEN>

Description: IP prefix for route match

Syntax:

permit	Specify routes to forward
<i>A.B.C.D/LEN A:B::C:D/LEN</i>	IP prefix network/length, e.g., 35.0.0.0/8 or 2001::/64

Command Mode: template route group : Configure Route Group

Command Path:

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# template route group <WORD> tenant <WORD>
(config-route-group)# ip prefix permit <A.B.C.D/LEN | A:B::C:D/LEN>
```

ip prefix permit le

ip prefix permit <A.B.C.D/LEN | A:B::C:D/LEN> le <32>

Description: Maximum prefix length to be matched

Syntax:

permit	Specify routes to forward
<i>A.B.C.D/LEN A:B::C:D/LEN</i>	IP prefix network/length, e.g., 35.0.0.0/8 or 2001::/64
32	Maximum prefix length

Command Mode: template route group : Configure Route Group

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# template route group <WORD> tenant <WORD>
(config-route-group)# ip prefix permit <A.B.C.D/LEN | A:B::C:D/LEN> le <32>
```

ip prefix permit <A.B.C.D/LEN | A:B::C:D/LEN> le <32>

Description: Maximum prefix length to be matched

Syntax:

permit	Specify routes to forward
<i>A.B.C.D/LEN A:B::C:D/LEN</i>	IP prefix network/length, e.g., 35.0.0.0/8 or 2001::/64
32	Maximum prefix length

Command Mode: template route group : Configure Route Group

Command Path:

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# template route group <WORD> tenant <WORD>
(config-route-group)# ip prefix permit <A.B.C.D/LEN | A:B::C:D/LEN> le <32>
```

ip router eigrp authentication enable

ip router eigrp authentication enable

Description: Associate the keychain policy with an EIGRP interface

Command Mode: interface vlan : Vlan interface

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface vlan <1-4094>
(config-leaf-if)# ip router eigrp authentication enable
```

ip router eigrp authentication enable

Description: Enable EIGRP authentication

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)# ip router eigrp authentication enable
```

ip router eigrp authentication enable

Description: Enable EIGRP authentication

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)# ip router eigrp authentication enable
```

ip router eigrp authentication enable

Description: Associate the keychain policy with an EIGRP interface

Command Mode: interface vlan : Vlan interface

Command Path:

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface vlan <1-4094>
(config-leaf-if)# ip router eigrp authentication enable
```

ip router eigrp authentication enable

Description: Enable EIGRP authentication

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)# ip router eigrp authentication enable
```

ip router eigrp authentication enable

Description: Enable EIGRP authentication

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)# ip router eigrp authentication enable
```

ip router eigrp authentication keychain-policy

ip router eigrp authentication keychain-policy <WORD>

Description: Associate the keychain policy with an EIGRP interface

Syntax:

<i>WORD</i>	Policy name
-------------	-------------

Command Mode: interface vlan : Vlan interface

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface vlan <1-4094>
(config-leaf-if)# ip router eigrp authentication keychain-policy <WORD>
```

ip router eigrp authentication keychain-policy <WORD>

Description: Associate the keychain policy with an EIGRP interface

Syntax:

<i>WORD</i>	Policy 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)# ip router eigrp authentication keychain-policy <WORD>
```

ip router eigrp authentication keychain-policy <WORD>

Description: Associate the keychain policy with an EIGRP interface

Syntax:

<i>WORD</i>	Policy 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)# ip router eigrp authentication keychain-policy <WORD>
```

ip router eigrp authentication keychain-policy <WORD>**Description:** Associate the keychain policy with an EIGRP interface**Syntax:**

<i>WORD</i>	Policy name
-------------	-------------

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

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface vlan <1-4094>
(config-leaf-if)# ip router eigrp authentication keychain-policy <WORD>
```

ip router eigrp authentication keychain-policy <WORD>**Description:** Associate the keychain policy with an EIGRP interface**Syntax:**

<i>WORD</i>	Policy 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)# ip router eigrp authentication keychain-policy <WORD>
```

ip router eigrp authentication keychain-policy <WORD>**Description:** Associate the keychain policy with an EIGRP interface**Syntax:**

<i>WORD</i>	Policy 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)# ip router eigrp authentication keychain-policy <WORD>
```

ip router eigrp default

ip router eigrp default

Description: Configure Router EIGRP Policies

Command Mode: interface vlan : Vlan interface

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface vlan <1-4094>
(config-leaf-if)# ip router eigrp default
```

ip router eigrp default

Description: Configure EIGRP default 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)# ip router eigrp default
```

ip router eigrp default

Description: Configure EIGRP default interface

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)# ip router eigrp default
```

ip router eigrp default

Description: Configure Router EIGRP Policies

Command Mode: interface vlan : Vlan interface

Command Path:

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

ip router eigrp default

Description: Configure EIGRP default 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)# ip router eigrp default
```

ip router eigrp default

Description: Configure EIGRP default interface

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)# ip router eigrp default
```


ip router ospf

ip router ospf default|multipod-internal area <A.B.C.D|NUMBER>

Description: OSPF configuration commands

Syntax:

default	Process tag for default ospf and ospfv3
multipod-internal	Process tag for multipod-internal ospf (used for forwarding traffic from local leaf across pod to remote leaf in remote pod)
area	Area associated with interface
<i>A.B.C.D NUMBER</i>	OSPF area 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)# ip router ospf default|multipod-internal area <A.B.C.D|NUMBER>
```

ip router ospf default|multipod-internal area <A.B.C.D|NUMBER>

Description: OSPF configuration commands

Syntax:

default	Process tag for default ospf and ospfv3
multipod-internal	Process tag for multipod-internal ospf (used for forwarding traffic from local leaf across pod to remote leaf in remote pod)
area	Area associated with interface
<i>A.B.C.D NUMBER</i>	OSPF area Id

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)# ip router ospf default|multipod-internal area <A.B.C.D|NUMBER>
```

ip router ospf default|multipod-internal area <A.B.C.D|NUMBER>

Description: OSPF configuration commands

Syntax:

default	Process tag for default ospf and ospfv3
multipod-internal	Process tag for multipod-internal ospf (used for forwarding traffic from local leaf across pod to remote leaf in remote pod)
area	Area associated with interface
<i>A.B.C.D/NUMBER</i>	OSPF area 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)# ip router ospf default|multipod-internal area <A.B.C.D|NUMBER>
```

ip router ospf default|multipod-internal area <A.B.C.D|NUMBER>

Description: OSPF configuration commands

Syntax:

default	Process tag for default ospf and ospfv3
multipod-internal	Process tag for multipod-internal ospf (used for forwarding traffic from local leaf across pod to remote leaf in remote pod)
area	Area associated with interface
<i>A.B.C.D/NUMBER</i>	OSPF area Id

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)# ip router ospf default|multipod-internal area <A.B.C.D|NUMBER>
```

ip router ospf default

ip router ospf default area <A.B.C.D|NUMBER>

Description: Process tag

Syntax:

area	Area associated with interface
<i>A.B.C.D NUMBER</i>	OSPF area Id

Command Mode: interface vlan : Vlan interface

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface vlan <1-4094>
(config-leaf-if)# ip router ospf default area <A.B.C.D|NUMBER>
```

ip router ospf default area <A.B.C.D|NUMBER>

Description: Process tag

Syntax:

area	Area associated with interface
<i>A.B.C.D NUMBER</i>	OSPF area Id

Command Mode: interface vlan : Vlan interface

Command Path:

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface vlan <1-4094>
(config-leaf-if)# ip router ospf default area <A.B.C.D|NUMBER>
```

ip shared address consumer

ip shared address <A.B.C.D/LEN> consumer application any epg any

Description: Shared consumed service

Syntax:

address	IPv4 subnet
<i>A.B.C.D/LEN</i>	IP prefix and network mask length in format x.x.x.x/m
application	application keyword
any	any application
epg	epg keyword
any	any EPG

Command Mode: interface : Configuration for interface bridge-domain

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# interface bridge-domain <WORD>
(config-tenant-interface)# ip shared address <A.B.C.D/LEN> consumer application any epg any
```

ip shared address provider

ip shared address <A.B.C.D/LEN> provider application <WORD> epg <WORD> [scope <scope>]

Description: Shared provider service

Syntax:

address	IPv4 subnet
<i>A.B.C.D/LEN</i>	IP prefix and network mask length in format x.x.x.x/m
application	application keyword
<i>WORD</i>	Application Name (Max Size 64)
epg	epg keyword
<i>WORD</i>	Application EPG (Max Size 64)
<i>scope</i>	(Optional) Scope of the address among ['public']

Command Mode: interface : Configuration for interface bridge-domain

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# interface bridge-domain <WORD>
(config-tenant-interface)# ip shared address <A.B.C.D/LEN> provider application <WORD> epg
<WORD> [scope <scope>]
```

ip split-horizon

ip split-horizon eigrp default

Description: Set the split-horizon flag

Syntax:

eigrp	EIGRP
default	EIGRP default instance

Command Mode: template eigrp interface-policy : Configure EIGRP Interface policy templates

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# template eigrp interface-policy <WORD> tenant <WORD>
(config-template-eigrp-if-pol)# ip split-horizon eigrp default
```

ip split-horizon eigrp default

Description: Set EIGRP split-horizon flag

Syntax:

eigrp	EIGRP
default	EIGRP default instance

Command Mode: interface vlan : Vlan interface

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface vlan <1-4094>
(config-leaf-if)# ip split-horizon eigrp default
```

ip split-horizon eigrp default

Description: Set EIGRP split-horizon flag

Syntax:

eigrp	EIGRP
default	EIGRP default instance

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)# ip split-horizon eigrp default
```

ip split-horizon eigrp default

Description: Set EIGRP split-horizon flag

Syntax:

eigrp	EIGRP
default	EIGRP default instance

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)# ip split-horizon eigrp default
```

ip split-horizon eigrp default

Description: Set the split-horizon flag

Syntax:

eigrp	EIGRP
default	EIGRP default instance

Command Mode: template eigrp interface-policy : Configure EIGRP Interface policy templates

Command Path:

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# template eigrp interface-policy <WORD> tenant <WORD>
(config-template-eigrp-if-pol)# ip split-horizon eigrp default
```

ip split-horizon eigrp default

Description: Set EIGRP split-horizon flag

Syntax:

eigrp	EIGRP
default	EIGRP default instance

Command Mode: interface vlan : Vlan interface

Command Path:

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface vlan <1-4094>
(config-leaf-if)# ip split-horizon eigrp default
```

ip split-horizon eigrp default**Description:** Set EIGRP split-horizon flag**Syntax:**

eigrp	EIGRP
default	EIGRP default instance

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)# ip split-horizon eigrp default
```

ip split-horizon eigrp default**Description:** Set EIGRP split-horizon flag**Syntax:**

eigrp	EIGRP
default	EIGRP default instance

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)# ip split-horizon eigrp default
```


ip summary-address eigrp

ip summary-address eigrp default <IP-PREFIX/LEN>

Description: Configure route summarization for EIGRP

Syntax:

default	EIGRP default instance
<i>IP-PREFIX/LEN</i>	Summary IPV4 address (e.g. 10.0.0.0/8)

Command Mode: interface vlan : Vlan interface

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface vlan <1-4094>
(config-leaf-if)# ip summary-address eigrp default <IP-PREFIX/LEN>
```

ip summary-address eigrp default <IP-PREFIX/LEN>

Description: Configure route summarization for EIGRP

Syntax:

default	EIGRP default instance
<i>IP-PREFIX/LEN</i>	Summary IPV4 address (e.g. 10.0.0.0/8)

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)# ip summary-address eigrp default <IP-PREFIX/LEN>
```

ip summary-address eigrp default <IP-PREFIX/LEN>

Description: Configure route summarization for EIGRP

Syntax:

default	EIGRP default instance
<i>IP-PREFIX/LEN</i>	Summary IPV4 address (e.g. 10.0.0.0/8)

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)# ip summary-address eigrp default <IP-PREFIX/LEN>
```

ip summary-address eigrp default <IP-PREFIX/LEN>

Description: Configure route summarization for EIGRP

Syntax:

default	EIGRP default instance
<i>IP-PREFIX/LEN</i>	Summary IPV4 address (e.g. 10.0.0.0/8)

Command Mode: interface vlan : Vlan interface

Command Path:

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface vlan <1-4094>
(config-leaf-if)# ip summary-address eigrp default <IP-PREFIX/LEN>
```

ip summary-address eigrp default <IP-PREFIX/LEN>

Description: Configure route summarization for EIGRP

Syntax:

default	EIGRP default instance
<i>IP-PREFIX/LEN</i>	Summary IPV4 address (e.g. 10.0.0.0/8)

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)# ip summary-address eigrp default <IP-PREFIX/LEN>
```

ip summary-address eigrp default <IP-PREFIX/LEN>

Description: Configure route summarization for EIGRP

Syntax:

default	EIGRP default instance
<i>IP-PREFIX/LEN</i>	Summary IPV4 address (e.g. 10.0.0.0/8)

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)# ip summary-address eigrp default <IP-PREFIX/LEN>
```

ip throughput-delay

ip throughput-delay eigrp default <NUMBER> tens-of-micro|pico

Description: Set EIGRP throughput delay

Syntax:

eigrp	EIGRP
default	EIGRP default instance
<0-16777215>	Throughput delay. Number range from=0 to=16777215
tens-of-micro	Unit in 10-microseconds
pico	Unit in picoseconds

Command Mode: template eigrp interface-policy : Configure EIGRP Interface policy templates

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# template eigrp interface-policy <WORD> tenant <WORD>
(config-template-eigrp-if-pol)# ip throughput-delay eigrp default <NUMBER> tens-of-micro|pico
```

ip throughput-delay eigrp default <NUMBER> tens-of-micro|pico

Description: Set EIGRP throughput delay

Syntax:

eigrp	EIGRP
default	EIGRP default instance
<0-16777215>	Throughput delay. Number range from=0 to=16777215
tens-of-micro	Unit in 10-microseconds
pico	Unit in picoseconds

Command Mode: interface vlan : Vlan interface

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface vlan <1-4094>
(config-leaf-if)# ip throughput-delay eigrp default <NUMBER> tens-of-micro|pico
```

ip throughput-delay eigrp default <NUMBER> tens-of-micro|pico**Description:** Set EIGRP throughput delay**Syntax:**

eigrp	EIGRP
default	EIGRP default instance
<0-16777215>	Throughput delay. Number range from=0 to=16777215
tens-of-micro	Unit in 10-microseconds
pico	Unit in picoseconds

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)# ip throughput-delay eigrp default <NUMBER> tens-of-micro|pico
```

ip throughput-delay eigrp default <NUMBER> tens-of-micro|pico**Description:** Set EIGRP throughput delay**Syntax:**

eigrp	EIGRP
default	EIGRP default instance
<0-16777215>	Throughput delay. Number range from=0 to=16777215
tens-of-micro	Unit in 10-microseconds
pico	Unit in picoseconds

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)# ip throughput-delay eigrp default <NUMBER> tens-of-micro|pico
```

ip throughput-delay eigrp default <NUMBER> tens-of-micro|pico**Description:** Set EIGRP throughput delay**Syntax:**

eigrp	EIGRP
default	EIGRP default instance
<0-16777215>	Throughput delay. Number range from=0 to=16777215
tens-of-micro	Unit in 10-microseconds
pico	Unit in picoseconds

Command Mode: template eigrp interface-policy : Configure EIGRP Interface policy templates

Command Path:

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# template eigrp interface-policy <WORD> tenant <WORD>
(config-template-eigrp-if-pol)# ip throughput-delay eigrp default <NUMBER> tens-of-micro|pico
```

ip throughput-delay eigrp default <NUMBER> tens-of-micro|pico

Description: Set EIGRP throughput delay

Syntax:

eigrp	EIGRP
default	EIGRP default instance
<0-16777215>	Throughput delay. Number range from=0 to=16777215
tens-of-micro	Unit in 10-microseconds
pico	Unit in picoseconds

Command Mode: interface vlan : Vlan interface

Command Path:

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface vlan <1-4094>
(config-leaf-if)# ip throughput-delay eigrp default <NUMBER> tens-of-micro|pico
```

ip throughput-delay eigrp default <NUMBER> tens-of-micro|pico

Description: Set EIGRP throughput delay

Syntax:

eigrp	EIGRP
default	EIGRP default instance

<0-16777215>	Throughput delay. Number range from=0 to=16777215
tens-of-micro	Unit in 10-microseconds
pico	Unit in picoseconds

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)# ip throughput-delay eigrp default <NUMBER> tens-of-micro|pico
```

ip throughput-delay eigrp default <NUMBER> tens-of-micro|pico

Description: Set EIGRP throughput delay

Syntax:

eigrp	EIGRP
default	EIGRP default instance
<0-16777215>	Throughput delay. Number range from=0 to=16777215
tens-of-micro	Unit in 10-microseconds
pico	Unit in picoseconds

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)# ip throughput-delay eigrp default <NUMBER> tens-of-micro|pico
```

ip ttl

ip ttl <ttl>

Description: TTL

Syntax:

<i>ttl</i>	ttl value. Number range from=1 to=255
------------	---------------------------------------

Command Mode: destination tenant : Configure monitor remote destination

Command Path:

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

ip ttl <ttl>

Description: TTL

Syntax:

<i>ttl</i>	ttl value. Number range from=1 to=255
------------	---------------------------------------

Command Mode: destination : Configure monitor remote destination

Command Path:

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

ip ttl <arg>

Description: TTL

Syntax:

<i>arg</i>	ttl value. Number range from=1 to=255
------------	---------------------------------------

Command Mode: destination : Configure monitor remote destination

Command Path:

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



```
(config-monitor-tenant-dest)# ip ttl <>
```

ip ttl <arg>**Description:** Configure TTL**Syntax:**

<i>arg</i>	TTL value. Number range from=1 to=255
------------	---------------------------------------

Command Mode: destination destip : Configure monitor remote destination**Command Path:**

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

ipdataplanelearning

ipdataplanelearning disabled

Description: Disable ipDataPlaneLearning Vrf Knob

Syntax:

disabled	Disable ipDataPlaneLearning Vrf Knob
----------	--------------------------------------

Command Mode: vrf : Configuration for vrf

Command Path:

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

ipobtainmode

ipobtainmode learn|admin|autoconfig

Description: Mode to obtain Virtual IP Address

Syntax:

learn	learn IP from HSRP peer
admin	Address is configured
autoconfig	Auto configure ipv6 address

Command Mode: hsrp group : Configure HSRP Group

Command Path:

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

ipobtainmode learn|admin|autoconfig

Description: Mode to obtain Virtual IP Address

Syntax:

learn	learn IP from HSRP peer
admin	Address is configured
autoconfig	Auto configure ipv6 address

Command Mode: hsrp group : Configure HSRP Group

Command Path:

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

ipobtainmode learn|admin|autoconfig

Description: Mode to obtain Virtual IP Address

Syntax:

learn	learn IP from HSRP peer
-------	-------------------------

admin	Address is configured
autoconfig	Auto configure ipv6 address

Command Mode: hsrp group : Configure HSRP Group

Command Path:

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

ipobtainmode learn|admin|autoconfig

Description: Mode to obtain Virtual IP Address

Syntax:

learn	learn IP from HSRP peer
admin	Address is configured
autoconfig	Auto configure ipv6 address

Command Mode: hsrp group : Configure HSRP Group

Command Path:

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

iprange

iprange <startip> <endip>

Description: Add ip pool

Syntax:

<i>startip</i>	startip
<i>endip</i>	endip

Command Mode: microsoft : Configure static IP pool

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# application <WORD>
(config-tenant-app)# epg <WORD> [type <WORD>]
(config-tenant-app-epg)# microsoft static-ip-pool <name> gateway <gwAddress>
(config-tenant-app-epg-ms-ip-pool)# iprange <startip> <endip>
```

ipsla-monpol

ipsla-monpol <ipsla-monpol>

Description: Select IPSLA monitoring policy

Syntax:

<i>ipsla-monpol</i>	Select IPSLA monitoring policy
---------------------	--------------------------------

Command Mode: track-member : Configure TrackMember

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# track-member <WORD> [dst-IPAddr <dst-IPAddr>] [l3-out <l3-out>]
(config-track-member)# ipsla-monpol <ipsla-monpol>
```

ipsla-pol

ipsla-pol <WORD>

Description: Configure IPSLA Monitoring Policy

Syntax:

<i>WORD</i>	IP SLA Monitoring Policy Name (Max Size 64)
-------------	---

Command Mode: tenant : Tenant configuration mode

Command Path:

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

ipv6-l3-unknown-multicast

ipv6-l3-unknown-multicast <WORD>

Description: Change IPV6 L3 Unknown Multicast flood behavior

Syntax:

<i>WORD</i>	IPV6 Multicast unknown Frame handling
-------------	---------------------------------------

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

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# bridge-domain <WORD>
(config-tenant-bd)# ipv6-l3-unknown-multicast <WORD>
```


ipv6-router

ipv6-router

Description: Config IPv6 router in trust control policy

Command Mode: trust-control : Configuration for trust control policy

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# first-hop-security
(config-tenant-fhs)# trust-control <WORD>
(config-tenant-fhs-trustctrl)# ipv6-router
```

ipv6

ipv6 route <A:B::C:D/LEN> <ipAddress|null> <ZeroorPref> <BfdorPref>

Description: Configure IPv6 features

Syntax:

route	Configure IPv6 unicast static route
<i>A:B::C:D/LEN</i>	IPv6 prefix format: xxxx:xxxx/ml, xxxx:xxxx:./ml, xxxx::xx/128
<i>ipAddress null</i>	
<i><ZeroorPref></i>	
<i><BfdorPref></i>	

Command Mode: vrf : Configure VRF parameters

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# vrf context tenant <WORD> vrf <WORD> [l3out <l3out>]
(config-leaf-vrf)# ipv6 route <A:B::C:D/LEN> <ipAddress|null> <ZeroorPref> <BfdorPref>
```

ipv6 route <A:B::C:D/LEN> <ipAddress|null> <ZeroorPref> <BfdorPref>

Description: Configure IPv6 features

Syntax:

route	Configure IPv6 unicast static route
<i>A:B::C:D/LEN</i>	IPv6 prefix format: xxxx:xxxx/ml, xxxx:xxxx:./ml, xxxx::xx/128
<i>ipAddress null</i>	
<i><ZeroorPref></i>	
<i><BfdorPref></i>	

Command Mode: vrf : Configure VRF parameters

Command Path:

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# vrf context tenant <WORD> vrf <WORD> [l3out <l3out>]
(config-leaf-vrf)# ipv6 route <A:B::C:D/LEN> <ipAddress|null> <ZeroorPref> <BfdorPref>
```

ipv6 address-range

ipv6 address-range <A:B:C::X/LEN> gateway <A:B:C:X>

Description: Configure IPv6 Address Range

Syntax:

<i>A:B:C::X/LEN</i>	IPv6 address and network mask length
gateway	Configure gateway address on interface
<i>A:B:C:X</i>	Gateway IPv6 address

Command Mode: interface mgmt0 : Out of band management interface

Command Path:

```
# configure [['terminal', 't']]
(config)# controller
(config-controller)# interface mgmt0
(config-controller-if)# ipv6 address-range <A:B:C::X/LEN> gateway <A:B:C:X>
```

ipv6 address-range <A:B:C::X/LEN> gateway <A:B:C:X>

Description: Configure IPv6 Address Range

Syntax:

<i>A:B:C::X/LEN</i>	IPv6 address and network mask length
gateway	Configure gateway address on interface
<i>A:B:C:X</i>	Gateway IPv6 address

Command Mode: interface inband-mgmt0 : Inband management interface

Command Path:

```
# configure [['terminal', 't']]
(config)# controller
(config-controller)# interface inband-mgmt0
(config-controller-if)# ipv6 address-range <A:B:C::X/LEN> gateway <A:B:C:X>
```

ipv6 address-range <A:B:C::X/LEN> gateway <A:B:C:X>

Description: Configure IPv6 Address Range

Syntax:

<i>A:B:C::X/LEN</i>	IPv6 address and network mask length
gateway	Configure gateway address on interface

<i>A:B:C:X</i>	Gateway IPv6 address
----------------	----------------------

Command Mode: interface mgmt0 : Out of band management interface

Command Path:

```
# configure [['terminal', 't']]
(config)# switch
(config-switch)# interface mgmt0
(config-switch-if)# ipv6 address-range <A:B:C::X/LEN> gateway <A:B:C:X>
```

ipv6 address-range <A:B:C::X/LEN> gateway <A:B:C:X>

Description: Configure IPv6 Address Range

Syntax:

<i>A:B:C::X/LEN</i>	IPv6 address and network mask length
gateway	Configure gateway address on interface
<i>A:B:C:X</i>	Gateway IPv6 address

Command Mode: interface inband-mgmt0 : Inband management interface

Command Path:

```
# configure [['terminal', 't']]
(config)# switch
(config-switch)# interface inband-mgmt0
(config-switch-if)# ipv6 address-range <A:B:C::X/LEN> gateway <A:B:C:X>
```

ipv6 address

ipv6 address <A:B::C:D/LEN> [scope <scope>] [preferred] [suppress-nd] [eui64] [snooping-querier]

Description: Define an IPv6 subnet to be exported by the BD

Syntax:

<i>A:B::C:D/LEN</i>	IPv6 prefix format: xxxx:xxxx/ml, xxxx:xxxx::/ml, xxxx::xx/128
<i>scope</i>	(Optional) Scope of the address among ['public', 'private']
<i>preferred</i>	(Optional) Set the address as preferred address
<i>suppress-nd</i>	(Optional) Suppress the Neighbor Discovery on this subnet
<i>eui64</i>	(Optional) Use eui64 interface identifier
<i>snooping-querier</i>	(Optional) Tell the address to be used by MLD Snooping querier functionality if enabled

Command Mode: interface : Configuration for interface bridge-domain

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# interface bridge-domain <WORD>
(config-tenant-interface)# ipv6 address <A:B::C:D/LEN> [scope <scope>] [preferred]
[suppress-nd] [eui64] [snooping-querier]
```

ipv6 address <A:B::C:D/LEN> eui64 [preferred] [dad-disable]

Description: Configure IPv6 address on interface

Syntax:

<i>A:B::C:D/LEN</i>	IPv6 prefix format: xxxx:xxxx/ml, xxxx:xxxx::/ml, xxxx::xx/128
<i>eui64</i>	Configure Extended Unique Identifier for the low-order 64 bits
<i>preferred</i>	(Optional) Configure IPv6 address as preferred
<i>dad-disable</i>	(Optional) Disable Duplicate Address Detection (DAD) for this IP Address

Command Mode: interface vlan : Vlan interface

Command Path:

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

```
(config-leaf-if)# ipv6 address <A:B::C:D/LEN> eui64 [preferred] [dad-disable]
```

ipv6 address <A:B::C:D/LEN> eui64 [preferred] [dad-disable]

Description: Configure IPv6 address on interface

Syntax:

<i>A:B::C:D/LEN</i>	IPv6 prefix format: xxxx:xxxx/ml, xxxx:xxxx::/ml, xxxx::xx/128
eui64	Configure Extended Unique Identifier for the low-order 64 bits
preferred	(Optional) Configure IPv6 address as preferred
dad-disable	(Optional) Disable Duplicate Address Detection (DAD) for this IP Address

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)# ipv6 address <A:B::C:D/LEN> eui64 [preferred] [dad-disable]
```

ipv6 address <A:B::C:D/LEN> eui64 [preferred] [dad-disable]

Description: Configure IPv6 address on interface

Syntax:

<i>A:B::C:D/LEN</i>	IPv6 prefix format: xxxx:xxxx/ml, xxxx:xxxx::/ml, xxxx::xx/128
eui64	Configure Extended Unique Identifier for the low-order 64 bits
preferred	(Optional) Configure IPv6 address as preferred
dad-disable	(Optional) Disable Duplicate Address Detection (DAD) for this IP Address

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)# ipv6 address <A:B::C:D/LEN> eui64 [preferred] [dad-disable]
```

ipv6 address <A:B::C:D/LEN> eui64 [preferred] [dad-disable]

Description: Configure IPv6 address on interface

Syntax:

<i>A:B::C:D/LEN</i>	IPv6 prefix format: xxxx:xxxx/ml, xxxx:xxxx::/ml, xxxx::xx/128
eui64	Configure Extended Unique Identifier for the low-order 64 bits
preferred	(Optional) Configure IPv6 address as preferred
dad-disable	(Optional) Disable Duplicate Address Detection (DAD) for this IP Address

Command Mode: interface vlan : Vlan interface

Command Path:

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface vlan <1-4094>
(config-leaf-if)# ipv6 address <A:B::C:D/LEN> eui64 [preferred] [dad-disable]
```

ipv6 address <A:B::C:D/LEN> eui64 [preferred] [dad-disable]

Description: Configure IPv6 address on interface

Syntax:

<i>A:B::C:D/LEN</i>	IPv6 prefix format: xxxx:xxxx/ml, xxxx:xxxx::/ml, xxxx::xx/128
eui64	Configure Extended Unique Identifier for the low-order 64 bits
preferred	(Optional) Configure IPv6 address as preferred
dad-disable	(Optional) Disable Duplicate Address Detection (DAD) for this IP Address

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)# ipv6 address <A:B::C:D/LEN> eui64 [preferred] [dad-disable]
```

ipv6 address <A:B::C:D/LEN> eui64 [preferred] [dad-disable]

Description: Configure IPv6 address on interface

Syntax:

<i>A:B::C:D/LEN</i>	IPv6 prefix format: xxxx:xxxx/ml, xxxx:xxxx::/ml, xxxx::xx/128
eui64	Configure Extended Unique Identifier for the low-order 64 bits
preferred	(Optional) Configure IPv6 address as preferred

dad-disable	(Optional) Disable Duplicate Address Detection (DAD) for this IP Address
-------------	--

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)# ipv6 address <A:B::C:D/LEN> eui64 [preferred] [dad-disable]
```

ipv6 address <A:B:C::X/LEN> gateway <A:B:C::X>

Description: Configure IP and gateway features

Syntax:

<i>A:B:C::X/LEN</i>	IPv6 address and network mask length
gateway	Configure gateway address on interface
<i>A:B:C::X</i>	Gateway IPv6 address

Command Mode: interface mgmt0 : Out of band management interface

Command Path:

```
# configure [['terminal', 't']]
(config)# controller
(config-controller)# interface mgmt0
(config-controller-if)# ipv6 address <A:B:C::X/LEN> gateway <A:B:C::X>
```

ipv6 address <A:B:C::X/LEN> gateway <A:B:C::X>

Description: Configure IPv6 Address and Gateway

Syntax:

<i>A:B:C::X/LEN</i>	IPv6 address and network mask length
gateway	Configure gateway address on interface
<i>A:B:C::X</i>	Gateway IPv6 address

Command Mode: interface inband-mgmt0 : Inband management interface

Command Path:

```
# configure [['terminal', 't']]
(config)# controller
(config-controller)# interface inband-mgmt0
(config-controller-if)# ipv6 address <A:B:C::X/LEN> gateway <A:B:C::X>
```


ipv6 address <A:B:C::X/LEN> gateway <A:B:C::X>**Description:** Configure IP and gateway features**Syntax:**

<i>A:B:C::X/LEN</i>	IPv6 address and network mask length
gateway	Configure gateway address on interface
<i>A:B:C::X</i>	Gateway IPv6 address

Command Mode: interface mgmt0 : Out of band management interface**Command Path:**

```
# configure [['terminal', 't']]
(config)# switch
(config-switch)# interface mgmt0
(config-switch-if)# ipv6 address <A:B:C::X/LEN> gateway <A:B:C::X>
```

ipv6 address <A:B:C::X/LEN> gateway <A:B:C::X>**Description:** Configure IPv6 Address and Gateway**Syntax:**

<i>A:B:C::X/LEN</i>	IPv6 address and network mask length
gateway	Configure gateway address on interface
<i>A:B:C::X</i>	Gateway IPv6 address

Command Mode: interface inband-mgmt0 : Inband management interface**Command Path:**

```
# configure [['terminal', 't']]
(config)# switch
(config-switch)# interface inband-mgmt0
(config-switch-if)# ipv6 address <A:B:C::X/LEN> gateway <A:B:C::X>
```

ipv6 address tenant application

ipv6 address <A:B::C:D> tenant <WORD> application <WORD> epg <WORD>

Description: Add a new server relay address under an AEPg

Syntax:

<i>A:B::C:D</i>	IPv6 address in format xxxx:xxxx, xxxx::xx
tenant	Tenant hosting the DHCP server
<i>WORD</i>	Tenant hosting the EPG (Max Size 63)
<i>WORD</i>	Application hosting the EPG (Max Size 64)
epg	AEPg behind which the DHCP server sits
<i>WORD</i>	AEPg behind which the DHCP server sits (Max Size 64)

Command Mode: template dhcp relay : Create a DHCP Relay policy

Command Path:

```
# configure [['terminal', 't']]
(config)# template dhcp relay policy <WORD>
(config-template-dhcp-relay)# ipv6 address <A:B::C:D> tenant <WORD> application <WORD> epg
<WORD>
```

ipv6 address <A:B::C:D> tenant <WORD> application <WORD> epg <WORD>

Description: Add a new server relay address under an AEPg

Syntax:

<i>A:B::C:D</i>	IPv6 address in format xxxx:xxxx, xxxx::xx
tenant	Tenant hosting the DHCP server
<i>WORD</i>	Tenant hosting the EPG (Max Size 63)
<i>WORD</i>	Application hosting the EPG (Max Size 64)
epg	AEPg behind which the DHCP server sits
<i>WORD</i>	AEPg behind which the DHCP server sits (Max Size 64)

Command Mode: template dhcp relay : Create a DHCP Relay policy

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# template dhcp relay policy <WORD>
```

```
(config-tenant-template-dhcp-relay)# ipv6 address <A:B::C:D> tenant <WORD> application  
<WORD> epg <WORD>
```

ipv6 address tenant external-l2

ipv6 address <A:B::C:D> tenant <WORD> external-l2 epg <WORD>

Description: Add a new server relay address under a L2 External EPG

Syntax:

<i>A:B::C:D</i>	IPv6 address in format xxxx:xxxx, xxxx::xx
tenant	Tenant hosting the DHCP server
<i>WORD</i>	Tenant hosting the EPG (Max Size 63)
epg	epg keyword
<i>WORD</i>	l2 external EPG behind which the DHCP server sits (Max Size 64)

Command Mode: template dhcp relay : Create a DHCP Relay policy

Command Path:

```
# configure [['terminal', 't']]
(config)# template dhcp relay policy <WORD>
(config-template-dhcp-relay)# ipv6 address <A:B::C:D> tenant <WORD> external-l2 epg <WORD>
```

ipv6 address <A:B::C:D> tenant <WORD> external-l2 epg <WORD>

Description: Add a new server relay address under a L2 External EPG

Syntax:

<i>A:B::C:D</i>	IPv6 address in format xxxx:xxxx, xxxx::xx
tenant	Tenant hosting the DHCP server
<i>WORD</i>	Tenant hosting the EPG (Max Size 63)
epg	epg keyword
<i>WORD</i>	l2 external EPG behind which the DHCP server sits (Max Size 64)

Command Mode: template dhcp relay : Create a DHCP Relay policy

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# template dhcp relay policy <WORD>
(config-tenant-template-dhcp-relay)# ipv6 address <A:B::C:D> tenant <WORD> external-l2 epg <WORD>
```

ipv6 address tenant external-l3

ipv6 address <A:B::C:D> tenant <WORD> external-l3 epg <WORD>

Description: Add a new server relay address under a L3 External EPG

Syntax:

<i>A:B::C:D</i>	IPv6 address in format xxxx:xxxx, xxxx::xx
tenant	Tenant hosting the DHCP server
<i>WORD</i>	Tenant hosting the EPG (Max Size 63)
epg	EPG keyword
<i>WORD</i>	l3 external EPG behind which the DHCP server sits (Max Size 64)

Command Mode: template dhcp relay : Create a DHCP Relay policy

Command Path:

```
# configure [['terminal', 't']]
(config)# template dhcp relay policy <WORD>
(config-template-dhcp-relay)# ipv6 address <A:B::C:D> tenant <WORD> external-l3 epg <WORD>
```

ipv6 address <A:B::C:D> tenant <WORD> external-l3 epg <WORD>

Description: Add a new server relay address under a L3 External EPG

Syntax:

<i>A:B::C:D</i>	IPv6 address in format xxxx:xxxx, xxxx::xx
tenant	Tenant hosting the DHCP server
<i>WORD</i>	Tenant hosting the EPG (Max Size 63)
epg	EPG keyword
<i>WORD</i>	l3 external EPG behind which the DHCP server sits (Max Size 64)

Command Mode: template dhcp relay : Create a DHCP Relay policy

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# template dhcp relay policy <WORD>
(config-tenant-template-dhcp-relay)# ipv6 address <A:B::C:D> tenant <WORD> external-l3 epg
<WORD>
```

ipv6 bandwidth

ipv6 bandwidth eigrp default <NUMBER>

Description: Set EIGRP bandwidth

Syntax:

eigrp	EIGRP
default	EIGRP default instance
<0-2560000000>	bandwidth in kbps. Number range from=0 to=2560000000

Command Mode: interface vlan : Vlan interface

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface vlan <1-4094>
(config-leaf-if)# ipv6 bandwidth eigrp default <NUMBER>
```

ipv6 bandwidth eigrp default <NUMBER>

Description: Set EIGRP bandwidth

Syntax:

eigrp	EIGRP
default	EIGRP default instance
<0-2560000000>	bandwidth in kbps. Number range from=0 to=2560000000

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)# ipv6 bandwidth eigrp default <NUMBER>
```

ipv6 bandwidth eigrp default <NUMBER>

Description: Set EIGRP bandwidth

Syntax:

eigrp	EIGRP
default	EIGRP default instance

<0-2560000000>	bandwidth in kbps. Number range from=0 to=2560000000
----------------	--

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)# ipv6 bandwidth eigrp default <NUMBER>
```

ipv6 bandwidth eigrp default <NUMBER>

Description: Set EIGRP bandwidth

Syntax:

eigrp	EIGRP
default	EIGRP default instance
<0-2560000000>	bandwidth in kbps. Number range from=0 to=2560000000

Command Mode: interface vlan : Vlan interface

Command Path:

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface vlan <1-4094>
(config-leaf-if)# ipv6 bandwidth eigrp default <NUMBER>
```

ipv6 bandwidth eigrp default <NUMBER>

Description: Set EIGRP bandwidth

Syntax:

eigrp	EIGRP
default	EIGRP default instance
<0-2560000000>	bandwidth in kbps. Number range from=0 to=2560000000

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)# ipv6 bandwidth eigrp default <NUMBER>
```

ipv6 bandwidth eigrp default <NUMBER>**Description:** Set EIGRP bandwidth**Syntax:**

eigrp	EIGRP
default	EIGRP default instance
<0-2560000000>	bandwidth in kbps. Number range from=0 to=2560000000

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)# ipv6 bandwidth eigrp default <NUMBER>
```


ipv6 bfd

ipv6 bfd eigrp enable

Description: Enable EIGRP Bidirectional Forwarding Detection

Syntax:

eigrp	EIGRP
enable	Enable BFD

Command Mode: interface vlan : Vlan interface

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface vlan <1-4094>
(config-leaf-if)# ipv6 bfd eigrp enable
```

ipv6 bfd eigrp enable

Description: Enable EIGRP Bidirectional Forwarding Detection

Syntax:

eigrp	EIGRP
enable	Enable BFD

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)# ipv6 bfd eigrp enable
```

ipv6 bfd eigrp enable

Description: Enable EIGRP Bidirectional Forwarding Detection

Syntax:

eigrp	EIGRP
enable	Enable BFD

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)# ipv6 bfd eigrp enable
```

ipv6 bfd eigrp enable

Description: Enable EIGRP Bidirectional Forwarding Detection

Syntax:

eigrp	EIGRP
enable	Enable BFD

Command Mode: interface vlan : Vlan interface

Command Path:

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface vlan <1-4094>
(config-leaf-if)# ipv6 bfd eigrp enable
```

ipv6 bfd eigrp enable

Description: Enable EIGRP Bidirectional Forwarding Detection

Syntax:

eigrp	EIGRP
enable	Enable BFD

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)# ipv6 bfd eigrp enable
```

ipv6 bfd eigrp enable

Description: Enable EIGRP Bidirectional Forwarding Detection

Syntax:

eigrp	EIGRP
enable	Enable BFD

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)# ipv6 bfd eigrp enable
```

ipv6 dhcp relay address tenant application

ipv6 dhcp relay address <A:B::C:D> tenant <WORD> application <WORD> epg <WORD>

Description: Add a new server relay address under an AEPg

Syntax:

<i>A:B::C:D</i>	IPv6 address in format xxxx:xxxx, xxxx:xx
tenant	Tenant hosting the DHCP server
<i>WORD</i>	Tenant hosting the EPG (Max Size 63)
<i>WORD</i>	Application hosting the EPG (Max Size 64)
epg	AEPg behind which the DHCP server sits
<i>WORD</i>	AEPg behind which the DHCP server sits (Max Size 64)

Command Mode: interface : Configuration for interface bridge-domain

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# interface bridge-domain <WORD>
(config-tenant-interface)# ipv6 dhcp relay address <A:B::C:D> tenant <WORD> application
<WORD> epg <WORD>
```

ipv6 dhcp relay address tenant external-l2

ipv6 dhcp relay address <A:B::C:D> tenant <WORD> external-l2 epg <WORD>

Description: Add a new server relay address under a L2 External EPG

Syntax:

<i>A:B::C:D</i>	IPv6 address in format xxxx:xxxx, xxxx::xx
tenant	Tenant hosting the DHCP server
<i>WORD</i>	Tenant hosting the EPG (Max Size 63)
epg	epg keyword
<i>WORD</i>	l2 external EPG behind which the DHCP server sits (Max Size 64)

Command Mode: interface : Configuration for interface bridge-domain

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# interface bridge-domain <WORD>
(config-tenant-interface)# ipv6 dhcp relay address <A:B::C:D> tenant <WORD> external-l2 epg
<WORD>
```

ipv6 dhcp relay address tenant external-l3

ipv6 dhcp relay address <A:B::C:D> tenant <WORD> external-l3 epg <WORD>

Description: Add a new server relay address under a L3 External EPG

Syntax:

<i>A:B::C:D</i>	IPv6 address in format xxxx:xxxx, xxxx:xx
tenant	Tenant hosting the DHCP server
<i>WORD</i>	Tenant hosting the EPG (Max Size 63)
epg	EPG keyword
<i>WORD</i>	l3 external EPG behind which the DHCP server sits (Max Size 64)

Command Mode: interface : Configuration for interface bridge-domain

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# interface bridge-domain <WORD>
(config-tenant-interface)# ipv6 dhcp relay address <A:B::C:D> tenant <WORD> external-l3 epg
<WORD>
```

ipv6 distribute-list eigrp

ipv6 distribute-list eigrp default route-map <WORD> out

Description: Configure distribute-list EIGRP route-map

Syntax:

default	EIGRP default instance
route-map	route map
<i>WORD</i>	Route-map name (Max Size 64)
out	out

Command Mode: interface vlan : Vlan interface

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface vlan <1-4094>
(config-leaf-if)# ipv6 distribute-list eigrp default route-map <WORD> out
```

ipv6 distribute-list eigrp default route-map <WORD> out

Description: Configure distribute-list EIGRP Policies

Syntax:

default	EIGRP default instance
route-map	route map
<i>WORD</i>	Route-map name (Max Size 64)
out	out

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)# ipv6 distribute-list eigrp default route-map <WORD> out
```

ipv6 distribute-list eigrp default route-map <WORD> out

Description: Configure distribute-list EIGRP Policies

Syntax:

default	EIGRP default instance
route-map	route map
<i>WORD</i>	Route-map name (Max Size 64)
out	out

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)# ipv6 distribute-list eigrp default route-map <WORD> out
```

ipv6 distribute-list eigrp default route-map <WORD> out

Description: Configure distribute-list EIGRP route-map

Syntax:

default	EIGRP default instance
route-map	route map
<i>WORD</i>	Route-map name (Max Size 64)
out	out

Command Mode: interface vlan : Vlan interface

Command Path:

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface vlan <1-4094>
(config-leaf-if)# ipv6 distribute-list eigrp default route-map <WORD> out
```

ipv6 distribute-list eigrp default route-map <WORD> out

Description: Configure distribute-list EIGRP Policies

Syntax:

default	EIGRP default instance
route-map	route map
<i>WORD</i>	Route-map name (Max Size 64)
out	out

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)# ipv6 distribute-list eigrp default route-map <WORD> out
```

ipv6 distribute-list eigrp default route-map <WORD> out**Description:** Configure distribute-list EIGRP Policies**Syntax:**

default	EIGRP default instance
route-map	route map
<i>WORD</i>	Route-map name (Max Size 64)
out	out

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)# ipv6 distribute-list eigrp default route-map <WORD> out
```

ipv6 flow

ipv6 flow monitor <WORD>

Description: Configure Netflow on the Policy Group

Syntax:

monitor	Configure Netflow on the Policy Group
<i>WORD</i>	Netflow Monitor 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)# ipv6 flow monitor <WORD>
```

ipv6 flow monitor <WORD>

Description: Configure Netflow on the Interface

Syntax:

monitor	Configure Netflow on the Interface
<i>WORD</i>	Netflow Monitor 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)# ipv6 flow monitor <WORD>
```

ipv6 flow monitor <WORD>

Description: Configure Netflow on the Interface

Syntax:

monitor	Configure Netflow on the Interface
<i>WORD</i>	Netflow Monitor Policy Name (Max Size 64)

Command Mode: interface : Configuration for interface bridge-domain

Command Path:

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

```
(config)# tenant <WORD>
(config-tenant)# interface bridge-domain <WORD>
(config-tenant-interface)# ipv6 flow monitor <WORD>
```

ipv6 flow monitor <WORD>**Description:** Configure Netflow on the Interface**Syntax:**

monitor	Configure Netflow on the Interface
<i>WORD</i>	Netflow Monitor 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)# ipv6 flow monitor <WORD>
```

ipv6 flow monitor <arg>**Description:** Configure Netflow on the Interface**Syntax:**

monitor	Configure Netflow on the Interface
<i>arg</i>	Netflow Monitor 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)# ipv6 flow monitor <>
```

ipv6 flow monitor <WORD>**Description:** Configure Netflow on the Interface**Syntax:**

monitor	Configure Netflow on the Interface
<i>WORD</i>	Netflow Monitor 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)# ipv6 flow monitor <WORD>
```

ipv6 flow monitor <WORD>

Description: Configure Netflow on the Interface

Syntax:

monitor	Configure Netflow on the Interface
<i>WORD</i>	Netflow Monitor 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)# ipv6 flow monitor <WORD>
```

ipv6 flow monitor <arg>

Description: Configure Netflow on the Interface

Syntax:

monitor	Configure Netflow on the Interface
<i>arg</i>	Netflow Monitor 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)# ipv6 flow monitor <>
```

ipv6 flow monitor <WORD>

Description: Configure Netflow on the Interface

Syntax:

monitor	Configure Netflow on the Interface
<i>WORD</i>	Netflow Monitor 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)# ipv6 flow monitor <WORD>
```

ipv6 flow monitor <WORD>

Description: Configure Netflow on the VPC

Syntax:

monitor	Configure Netflow on the VPC
<i>WORD</i>	Netflow Monitor 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)# ipv6 flow monitor <WORD>
```

ipv6 hello-interval

ipv6 hello-interval eigrp default <NUMBER>

Description: Set EIGRP Hello interval time

Syntax:

eigrp	EIGRP
default	EIGRP default instance
<1-65535>	Hello interval time in seconds. Number range from=1 to=65535

Command Mode: interface vlan : Vlan interface

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface vlan <1-4094>
(config-leaf-if)# ipv6 hello-interval eigrp default <NUMBER>
```

ipv6 hello-interval eigrp default <NUMBER>

Description: Set EIGRP Hello interval time

Syntax:

eigrp	EIGRP
default	EIGRP default instance
<1-65535>	Hello interval time in seconds. Number range from=1 to=65535

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)# ipv6 hello-interval eigrp default <NUMBER>
```

ipv6 hello-interval eigrp default <NUMBER>

Description: Set EIGRP Hello interval time

Syntax:

eigrp	EIGRP
default	EIGRP default instance

<1-65535>	Hello interval time in seconds. Number range from=1 to=65535
-----------	--

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)# ipv6 hello-interval eigrp default <NUMBER>
```

ipv6 hello-interval eigrp default <NUMBER>

Description: Set EIGRP Hello interval time

Syntax:

eigrp	EIGRP
default	EIGRP default instance
<1-65535>	Hello interval time in seconds. Number range from=1 to=65535

Command Mode: interface vlan : Vlan interface

Command Path:

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface vlan <1-4094>
(config-leaf-if)# ipv6 hello-interval eigrp default <NUMBER>
```

ipv6 hello-interval eigrp default <NUMBER>

Description: Set EIGRP Hello interval time

Syntax:

eigrp	EIGRP
default	EIGRP default instance
<1-65535>	Hello interval time in seconds. Number range from=1 to=65535

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)# ipv6 hello-interval eigrp default <NUMBER>
```

ipv6 hello-interval eigrp default <NUMBER>**Description:** Set EIGRP Hello interval time**Syntax:**

eigrp	EIGRP
default	EIGRP default instance
<1-65535>	Hello interval time in seconds. Number range from=1 to=65535

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)# ipv6 hello-interval eigrp default <NUMBER>
```


ipv6 hold-interval

ipv6 hold-interval eigrp default <NUMBER>

Description: Set EIGRP Hold interval time

Syntax:

eigrp	EIGRP
default	EIGRP default instance
<1-65535>	Hold interval time in seconds. Number range from=1 to=65535

Command Mode: interface vlan : Vlan interface

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface vlan <1-4094>
(config-leaf-if)# ipv6 hold-interval eigrp default <NUMBER>
```

ipv6 hold-interval eigrp default <NUMBER>

Description: Set EIGRP Hold interval time

Syntax:

eigrp	EIGRP
default	EIGRP default instance
<1-65535>	Hold interval time in seconds. Number range from=1 to=65535

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)# ipv6 hold-interval eigrp default <NUMBER>
```

ipv6 hold-interval eigrp default <NUMBER>

Description: Set EIGRP Hold interval time

Syntax:

eigrp	EIGRP
default	EIGRP default instance

<1-65535>	Hold interval time in seconds. Number range from=1 to=65535
-----------	---

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)# ipv6 hold-interval eigrp default <NUMBER>
```

ipv6 hold-interval eigrp default <NUMBER>

Description: Set EIGRP Hold interval time

Syntax:

eigrp	EIGRP
default	EIGRP default instance
<1-65535>	Hold interval time in seconds. Number range from=1 to=65535

Command Mode: interface vlan : Vlan interface

Command Path:

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface vlan <1-4094>
(config-leaf-if)# ipv6 hold-interval eigrp default <NUMBER>
```

ipv6 hold-interval eigrp default <NUMBER>

Description: Set EIGRP Hold interval time

Syntax:

eigrp	EIGRP
default	EIGRP default instance
<1-65535>	Hold interval time in seconds. Number range from=1 to=65535

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)# ipv6 hold-interval eigrp default <NUMBER>
```

ipv6 hold-interval eigrp default <NUMBER>**Description:** Set EIGRP Hold interval time**Syntax:**

eigrp	EIGRP
default	EIGRP default instance
<1-65535>	Hold interval time in seconds. Number range from=1 to=65535

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)# ipv6 hold-interval eigrp default <NUMBER>
```

ipv6 link-local

ipv6 link-local <A:B::C:D>

Description: Configure IPv6 link-local address

Syntax:

A:B::C:D	IPv6 address in format xxxx:xxxx, xxxx::xx
----------	--

Command Mode: interface : Configuration for interface bridge-domain

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# interface bridge-domain <WORD>
(config-tenant-interface)# ipv6 link-local <A:B::C:D>
```

ipv6 link-local <X:X:X:X>

Description: Configure IPv6 link-local address

Syntax:

X:X:X:X	IPv6 link-local address
---------	-------------------------

Command Mode: interface vlan : Vlan interface

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface vlan <1-4094>
(config-leaf-if)# ipv6 link-local <X:X:X:X>
```

ipv6 link-local <X:X:X:X::X>

Description: Configure IPv6 link-local address

Syntax:

X:X:X:X::X	IPv6 link-local address
------------	-------------------------

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)# ipv6 link-local <X:X:X:X::X>
```

ipv6 link-local <X:X:X:X::X>**Description:** Configure IPv6 link-local address**Syntax:**

X:X:X:X::X	IPv6 link-local address
------------	-------------------------

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)# ipv6 link-local <X:X:X:X::X>
```

ipv6 link-local <X:X:X:X::X>**Description:** Configure IPv6 link-local address**Syntax:**

X:X:X:X::X	IPv6 link-local address
------------	-------------------------

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

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface vlan <1-4094>
(config-leaf-if)# ipv6 link-local <X:X:X:X::X>
```

ipv6 link-local <X:X:X:X::X>**Description:** Configure IPv6 link-local address**Syntax:**

X:X:X:X::X	IPv6 link-local address
------------	-------------------------

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)# ipv6 link-local <X:X:X:X::X>
```

ipv6 link-local <X:X:X:X::X>**Description:** Configure IPv6 link-local address**Syntax:**

<code>X:X:X:X::X</code>	IPv6 link-local address
-------------------------	-------------------------

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)# ipv6 link-local <X:X:X:X::X>
```

ipv6 mld snooping

ipv6 mld snooping

Description: IPV6 MLD snooping settings

Command Mode: interface : Configuration for interface bridge-domain

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# interface bridge-domain <WORD>
(config-tenant-interface)# ipv6 mld snooping
```

ipv6 mld snooping

Description: IPV6 MLD snooping settings

Command Mode: template ipv6 mld snooping policy : Create an MLD snooping policy

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# template ipv6 mld snooping policy <WORD>
(config-tenant-template-ip-mld-snooping)# ipv6 mld snooping
```

ipv6 mld snooping fast-leave

ipv6 mld snooping fast-leave

Description: Enable IPV6 MLD Snooping fast leave processing

Command Mode: interface : Configuration for interface bridge-domain

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# interface bridge-domain <WORD>
(config-tenant-interface)# ipv6 mld snooping fast-leave
```

ipv6 mld snooping fast-leave

Description: Enable IPV6 MLD Snooping fast leave processing

Command Mode: template ipv6 mld snooping policy : Create an MLD snooping policy

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# template ipv6 mld snooping policy <WORD>
(config-tenant-template-ip-mld-snooping)# ipv6 mld snooping fast-leave
```


ipv6 mld snooping last-member-query-interval

ipv6 mld snooping last-member-query-interval <NUMBER>

Description: Change the IPV6 MLD snooping last member query interval param

Syntax:

<1-25>	Last Memeber Query Interval Value. Number range from=1 to=25
--------	--

Command Mode: interface : Configuration for interface bridge-domain

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# interface bridge-domain <WORD>
(config-tenant-interface)# ipv6 mld snooping last-member-query-interval <NUMBER>
```

ipv6 mld snooping last-member-query-interval <NUMBER>

Description: Change the IPV6 MLD snooping last member query interval param

Syntax:

<1-25>	Last Memeber Query Interval Value. Number range from=1 to=25
--------	--

Command Mode: template ipv6 mld snooping policy : Create an MLD snooping policy

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# template ipv6 mld snooping policy <WORD>
(config-tenant-template-ip-mld-snooping)# ipv6 mld snooping last-member-query-interval
<NUMBER>
```

ipv6 mld snooping policy

ipv6 mld snooping policy <WORD>

Description: Associate the BD with an MLD snooping policy

Syntax:

<i>WORD</i>	Name of the MLD snooping policy to attach (Max Size 64)
-------------	---

Command Mode: interface : Configuration for interface bridge-domain

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# interface bridge-domain <WORD>
(config-tenant-interface)# ipv6 mld snooping policy <WORD>
```

ipv6 mld snooping querier

ipv6 mld snooping querier

Description: Enable IPV6 MLD Snooping querier processing

Command Mode: interface : Configuration for interface bridge-domain

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# interface bridge-domain <WORD>
(config-tenant-interface)# ipv6 mld snooping querier
```

ipv6 mld snooping querier

Description: Enable IPV6 MLD Snooping querier processing

Command Mode: template ipv6 mld snooping policy : Create an MLD snooping policy

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# template ipv6 mld snooping policy <WORD>
(config-tenant-template-ip-mld-snooping)# ipv6 mld snooping querier
```

ipv6 mld snooping query-interval

ipv6 mld snooping query-interval <NUMBER>

Description: Change the IPV6 MLD snooping query interval param

Syntax:

<1-18000>	Query Interval Value. Number range from=1 to=18000
-----------	--

Command Mode: interface : Configuration for interface bridge-domain

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# interface bridge-domain <WORD>
(config-tenant-interface)# ipv6 mld snooping query-interval <NUMBER>
```

ipv6 mld snooping query-interval <NUMBER>

Description: Change the IPV6 MLD snooping query interval param

Syntax:

<1-18000>	Query Interval Value. Number range from=1 to=18000
-----------	--

Command Mode: template ipv6 mld snooping policy : Create an MLD snooping policy

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# template ipv6 mld snooping policy <WORD>
(config-tenant-template-ip-mld-snooping)# ipv6 mld snooping query-interval <NUMBER>
```

ipv6 mld snooping query-max-response-time

ipv6 mld snooping query-max-response-time <NUMBER>

Description: Change the IPV6 MLD snooping max query response time

Syntax:

<1-25>	Query Max Response Time. Number range from=1 to=25
--------	--

Command Mode: interface : Configuration for interface bridge-domain

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# interface bridge-domain <WORD>
(config-tenant-interface)# ipv6 mld snooping query-max-response-time <NUMBER>
```

ipv6 mld snooping query-max-response-time <NUMBER>

Description: Change the IPV6 MLD snooping max query response time

Syntax:

<1-25>	Query Max Response Time. Number range from=1 to=25
--------	--

Command Mode: template ipv6 mld snooping policy : Create an MLD snooping policy

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# template ipv6 mld snooping policy <WORD>
(config-tenant-template-ip-mld-snooping)# ipv6 mld snooping query-max-response-time <NUMBER>
```

ipv6 mld snooping startup-query-count

ipv6 mld snooping startup-query-count <NUMBER>

Description: Change the IPV6 MLD snooping number of initial queries to send

Syntax:

<1-10>	Start Query Count. Number range from=1 to=10
--------	--

Command Mode: interface : Configuration for interface bridge-domain

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# interface bridge-domain <WORD>
(config-tenant-interface)# ipv6 mld snooping startup-query-count <NUMBER>
```

ipv6 mld snooping startup-query-count <NUMBER>

Description: Change the IPV6 MLD snooping number of initial queries to send

Syntax:

<1-10>	Start Query Count. Number range from=1 to=10
--------	--

Command Mode: template ipv6 mld snooping policy : Create an MLD snooping policy

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# template ipv6 mld snooping policy <WORD>
(config-tenant-template-ip-mld-snooping)# ipv6 mld snooping startup-query-count <NUMBER>
```

ipv6 mld snooping startup-query-interval

ipv6 mld snooping startup-query-interval <NUMBER>

Description: Change the IPV6 MLD snooping time for sending initial queries

Syntax:

<1-18000>	Start Query Interval Value. Number range from=1 to=18000
-----------	--

Command Mode: interface : Configuration for interface bridge-domain

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# interface bridge-domain <WORD>
(config-tenant-interface)# ipv6 mld snooping startup-query-interval <NUMBER>
```

ipv6 mld snooping startup-query-interval <NUMBER>

Description: Change the IPV6 MLD snooping time for sending initial queries

Syntax:

<1-18000>	Start Query Interval Value. Number range from=1 to=18000
-----------	--

Command Mode: template ipv6 mld snooping policy : Create an MLD snooping policy

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# template ipv6 mld snooping policy <WORD>
(config-tenant-template-ip-mld-snooping)# ipv6 mld snooping startup-query-interval <NUMBER>
```

ipv6 nd hop-limit

ipv6 nd hop-limit <NUMBER>

Description: Set the hop limit to be advertised in IPv6 neighbor discovery packets

Syntax:

<0-255>	Hop Limit. Number range from=0 to=255
---------	---------------------------------------

Command Mode: interface : Configuration for interface bridge-domain

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# interface bridge-domain <WORD>
(config-tenant-interface)# ipv6 nd hop-limit <NUMBER>
```

ipv6 nd hop-limit <NUMBER>

Description: Set the hop limit to be advertised in IPv6 neighbor discovery packets

Syntax:

<0-255>	Hop Limit. Number range from=0 to=255
---------	---------------------------------------

Command Mode: template ipv6 nd policy : Create/modify an an IPv6 Neighbor Discovery policy

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# template ipv6 nd policy <WORD>
(config-tenant-template-ipv6-nd)# ipv6 nd hop-limit <NUMBER>
```

ipv6 nd hop-limit <NUMBER>

Description: Set the hop limit to be advertised in IPv6 neighbor discovery packets

Syntax:

<0-255>	Hop Limit. Number range from=0 to=255
---------	---------------------------------------

Command Mode: template ipv6 nd policy : Configure IPv6 Neighbor Discovery policy templates

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# template ipv6 nd policy <WORD> tenant <WORD>
(config-template-nd-pol)# ipv6 nd hop-limit <NUMBER>
```


ipv6 nd hop-limit <NUMBER>**Description:** Set the hop limit to be advertised in IPv6 neighbor discovery packets**Syntax:**

<0-255>	Hop Limit. Number range from=0 to=255
---------	---------------------------------------

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

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface vlan <1-4094>
(config-leaf-if)# ipv6 nd hop-limit <NUMBER>
```

ipv6 nd hop-limit <NUMBER>**Description:** Set the hop limit to be advertised in IPv6 neighbor discovery packets**Syntax:**

<0-255>	Hop Limit. Number range from=0 to=255
---------	---------------------------------------

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)# ipv6 nd hop-limit <NUMBER>
```

ipv6 nd hop-limit <NUMBER>**Description:** Set the hop limit to be advertised in IPv6 neighbor discovery packets**Syntax:**

<0-255>	Hop Limit. Number range from=0 to=255
---------	---------------------------------------

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)# ipv6 nd hop-limit <NUMBER>
```

ipv6 nd hop-limit <NUMBER>**Description:** Set the hop limit to be advertised in IPv6 neighbor discovery packets**Syntax:**

<0-255>	Hop Limit. Number range from=0 to=255
---------	---------------------------------------

Command Mode: template ipv6 nd policy : Configure IPv6 Neighbor Discovery policy templates

Command Path:

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# template ipv6 nd policy <WORD> tenant <WORD>
(config-template-nd-pol)# ipv6 nd hop-limit <NUMBER>
```

ipv6 nd hop-limit <NUMBER>

Description: Set the hop limit to be advertised in IPv6 neighbor discovery packets

Syntax:

<0-255>	Hop Limit. Number range from=0 to=255
---------	---------------------------------------

Command Mode: interface vlan : Vlan interface

Command Path:

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface vlan <1-4094>
(config-leaf-if)# ipv6 nd hop-limit <NUMBER>
```

ipv6 nd hop-limit <NUMBER>

Description: Set the hop limit to be advertised in IPv6 neighbor discovery packets

Syntax:

<0-255>	Hop Limit. Number range from=0 to=255
---------	---------------------------------------

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)# ipv6 nd hop-limit <NUMBER>
```

ipv6 nd hop-limit <NUMBER>

Description: Set the hop limit to be advertised in IPv6 neighbor discovery packets

Syntax:

<0-255>	Hop Limit. Number range from=0 to=255
---------	---------------------------------------

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)# ipv6 nd hop-limit <NUMBER>
```

ipv6 nd managed-config-flag

ipv6 nd managed-config-flag

Description: Use stateful address auto-configuration to obtain address information

Command Mode: interface : Configuration for interface bridge-domain

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# interface bridge-domain <WORD>
(config-tenant-interface)# ipv6 nd managed-config-flag
```

ipv6 nd managed-config-flag

Description: Use stateful address auto-configuration to obtain address information

Command Mode: template ipv6 nd policy : Create/modify an an IPv6 Neighbor Discovery policy

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# template ipv6 nd policy <WORD>
(config-tenant-template-ipv6-nd)# ipv6 nd managed-config-flag
```

ipv6 nd managed-config-flag

Description: Use stateful address auto-configuration to obtain address information

Command Mode: template ipv6 nd policy : Configure IPv6 Neighbor Discovery policy templates

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# template ipv6 nd policy <WORD> tenant <WORD>
(config-template-nd-pol)# ipv6 nd managed-config-flag
```

ipv6 nd managed-config-flag

Description: Use stateful address auto-configuration to obtain address information

Command Mode: interface vlan : Vlan interface

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface vlan <1-4094>
(config-leaf-if)# ipv6 nd managed-config-flag
```

ipv6 nd managed-config-flag**Description:** Use stateful address auto-configuration to obtain address information**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)# ipv6 nd managed-config-flag
```

ipv6 nd managed-config-flag**Description:** Use stateful address auto-configuration to obtain address information**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)# ipv6 nd managed-config-flag
```

ipv6 nd managed-config-flag**Description:** Use stateful address auto-configuration to obtain address information**Command Mode:** template ipv6 nd policy : Configure IPv6 Neighbor Discovery policy templates**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# template ipv6 nd policy <WORD> tenant <WORD>
(config-template-nd-pol)# ipv6 nd managed-config-flag
```

ipv6 nd managed-config-flag**Description:** Use stateful address auto-configuration to obtain address information**Command Mode:** interface vlan : Vlan interface**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface vlan <1-4094>
(config-leaf-if)# ipv6 nd managed-config-flag
```

ipv6 nd managed-config-flag**Description:** Use stateful address auto-configuration to obtain address information

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)# ipv6 nd managed-config-flag
```

ipv6 nd managed-config-flag

Description: Use stateful address auto-configuration to obtain address information

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)# ipv6 nd managed-config-flag
```

ipv6 nd mtu

ipv6 nd mtu <NUMBER>

Description: Set the mtu to be advertised in IPv6 neighbor discovery packets

Syntax:

<1280-9000>	MTU value. Number range from=1280 to=9000
-------------	---

Command Mode: interface : Configuration for interface bridge-domain

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# interface bridge-domain <WORD>
(config-tenant-interface)# ipv6 nd mtu <NUMBER>
```

ipv6 nd mtu <NUMBER>

Description: Set the mtu to be advertised in IPv6 neighbor discovery packets

Syntax:

<1280-9000>	MTU value. Number range from=1280 to=9000
-------------	---

Command Mode: template ipv6 nd policy : Create/modify an an IPv6 Neighbor Discovery policy

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# template ipv6 nd policy <WORD>
(config-tenant-template-ipv6-nd)# ipv6 nd mtu <NUMBER>
```

ipv6 nd mtu <NUMBER>

Description: Set the mtu to be advertised in IPv6 neighbor discovery packets

Syntax:

<1280-9000>	MTU value. Number range from=1280 to=9000
-------------	---

Command Mode: template ipv6 nd policy : Configure IPv6 Neighbor Discovery policy templates

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# template ipv6 nd policy <WORD> tenant <WORD>
(config-template-nd-pol)# ipv6 nd mtu <NUMBER>
```

ipv6 nd mtu <NUMBER>

Description: Set the mtu to be advertised in IPv6 neighbor discovery packets

Syntax:

<1280-9000>	MTU value. Number range from=1280 to=9000
-------------	---

Command Mode: interface vlan : Vlan interface

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface vlan <1-4094>
(config-leaf-if)# ipv6 nd mtu <NUMBER>
```

ipv6 nd mtu <NUMBER>

Description: Set the mtu to be advertised in IPv6 neighbor discovery packets

Syntax:

<1280-9000>	MTU value. Number range from=1280 to=9000
-------------	---

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)# ipv6 nd mtu <NUMBER>
```

ipv6 nd mtu <NUMBER>

Description: Set the mtu to be advertised in IPv6 neighbor discovery packets

Syntax:

<1280-9000>	MTU value. Number range from=1280 to=9000
-------------	---

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)# ipv6 nd mtu <NUMBER>
```

ipv6 nd mtu <NUMBER>

Description: Set the mtu to be advertised in IPv6 neighbor discovery packets

Syntax:

<1280-9000>	MTU value. Number range from=1280 to=9000
-------------	---

Command Mode: template ipv6 nd policy : Configure IPv6 Neighbor Discovery policy templates

Command Path:

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# template ipv6 nd policy <WORD> tenant <WORD>
(config-template-nd-pol)# ipv6 nd mtu <NUMBER>
```

ipv6 nd mtu <NUMBER>

Description: Set the mtu to be advertised in IPv6 neighbor discovery packets

Syntax:

<1280-9000>	MTU value. Number range from=1280 to=9000
-------------	---

Command Mode: interface vlan : Vlan interface

Command Path:

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface vlan <1-4094>
(config-leaf-if)# ipv6 nd mtu <NUMBER>
```

ipv6 nd mtu <NUMBER>

Description: Set the mtu to be advertised in IPv6 neighbor discovery packets

Syntax:

<1280-9000>	MTU value. Number range from=1280 to=9000
-------------	---

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)# ipv6 nd mtu <NUMBER>
```

ipv6 nd mtu <NUMBER>

Description: Set the mtu to be advertised in IPv6 neighbor discovery packets

Syntax:

<1280-9000>	MTU value. Number range from=1280 to=9000
-------------	---

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)# ipv6 nd mtu <NUMBER>
```

ipv6 nd ns-interval

ipv6 nd ns-interval <NUMBER>

Description: Set the retransmission interval between IPv6 neighbor solicitation messages

Syntax:

<1000-3600000>	Interval value. Number range from=1000 to=3600000
----------------	---

Command Mode: interface : Configuration for interface bridge-domain

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# interface bridge-domain <WORD>
(config-tenant-interface)# ipv6 nd ns-interval <NUMBER>
```

ipv6 nd ns-interval <NUMBER>

Description: Set the retransmission interval between IPv6 neighbor solicitation messages

Syntax:

<1000-3600000>	Interval value. Number range from=1000 to=3600000
----------------	---

Command Mode: template ipv6 nd policy : Create/modify an an IPv6 Neighbor Discovery policy

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# template ipv6 nd policy <WORD>
(config-tenant-template-ipv6-nd)# ipv6 nd ns-interval <NUMBER>
```

ipv6 nd ns-interval <NUMBER>

Description: Set the retransmission interval between IPv6 neighbor solicitation messages

Syntax:

<1000-3600000>	Interval value. Number range from=1000 to=3600000
----------------	---

Command Mode: template ipv6 nd policy : Configure IPv6 Neighbor Discovery policy templates

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# template ipv6 nd policy <WORD> tenant <WORD>
(config-template-nd-pol)# ipv6 nd ns-interval <NUMBER>
```

ipv6 nd ns-interval <NUMBER>

Description: Set the retransmission interval between IPv6 neighbor solicitation messages

Syntax:

<1000-3600000>	Interval value. Number range from=1000 to=3600000
----------------	---

Command Mode: interface vlan : Vlan interface

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface vlan <1-4094>
(config-leaf-if)# ipv6 nd ns-interval <NUMBER>
```

ipv6 nd ns-interval <NUMBER>

Description: Set the retransmission interval between IPv6 neighbor solicitation messages

Syntax:

<1000-3600000>	Interval value. Number range from=1000 to=3600000
----------------	---

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)# ipv6 nd ns-interval <NUMBER>
```

ipv6 nd ns-interval <NUMBER>

Description: Set the retransmission interval between IPv6 neighbor solicitation messages

Syntax:

<1000-3600000>	Interval value. Number range from=1000 to=3600000
----------------	---

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)# ipv6 nd ns-interval <NUMBER>
```

ipv6 nd ns-interval <NUMBER>

Description: Set the retransmission interval between IPv6 neighbor solicitation messages

Syntax:

<1000-3600000>	Interval value. Number range from=1000 to=3600000
----------------	---

Command Mode: template ipv6 nd policy : Configure IPv6 Neighbor Discovery policy templates

Command Path:

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# template ipv6 nd policy <WORD> tenant <WORD>
(config-template-nd-pol)# ipv6 nd ns-interval <NUMBER>
```

ipv6 nd ns-interval <NUMBER>

Description: Set the retransmission interval between IPv6 neighbor solicitation messages

Syntax:

<1000-3600000>	Interval value. Number range from=1000 to=3600000
----------------	---

Command Mode: interface vlan : Vlan interface

Command Path:

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface vlan <1-4094>
(config-leaf-if)# ipv6 nd ns-interval <NUMBER>
```

ipv6 nd ns-interval <NUMBER>

Description: Set the retransmission interval between IPv6 neighbor solicitation messages

Syntax:

<1000-3600000>	Interval value. Number range from=1000 to=3600000
----------------	---

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)# ipv6 nd ns-interval <NUMBER>
```

ipv6 nd ns-interval <NUMBER>

Description: Set the retransmission interval between IPv6 neighbor solicitation messages

Syntax:

<1000-3600000>	Interval value. Number range from=1000 to=3600000
----------------	---

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)# ipv6 nd ns-interval <NUMBER>
```

ipv6 nd ns-retries

ipv6 nd ns-retries <NUMBER>

Description: Set the retry count for for sending neighbor solicitation messages

Syntax:

<1-100>	Number of retries. Number range from=1 to=100
---------	---

Command Mode: interface : Configuration for interface bridge-domain

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# interface bridge-domain <WORD>
(config-tenant-interface)# ipv6 nd ns-retries <NUMBER>
```

ipv6 nd ns-retries <NUMBER>

Description: Set the retry count for for sending neighbor solicitation messages

Syntax:

<1-100>	Number of retries. Number range from=1 to=100
---------	---

Command Mode: template ipv6 nd policy : Create/modify an an IPv6 Neighbor Discovery policy

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# template ipv6 nd policy <WORD>
(config-tenant-template-ipv6-nd)# ipv6 nd ns-retries <NUMBER>
```

ipv6 nd ns-retries <NUMBER>

Description: Set the retry count for for sending neighbor solicitation messages

Syntax:

<1-100>	Number of retries. Number range from=1 to=100
---------	---

Command Mode: template ipv6 nd policy : Configure IPv6 Neighbor Discovery policy templates

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# template ipv6 nd policy <WORD> tenant <WORD>
(config-template-nd-pol)# ipv6 nd ns-retries <NUMBER>
```

ipv6 nd ns-retries <NUMBER>

Description: Set the retry count for for sending neighbor solicitation messages

Syntax:

<1-100>	Number of retries. Number range from=1 to=100
---------	---

Command Mode: interface vlan : Vlan interface

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface vlan <1-4094>
(config-leaf-if)# ipv6 nd ns-retries <NUMBER>
```

ipv6 nd ns-retries <NUMBER>

Description: Set the retry count for for sending neighbor solicitation messages

Syntax:

<1-100>	Number of retries. Number range from=1 to=100
---------	---

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)# ipv6 nd ns-retries <NUMBER>
```

ipv6 nd ns-retries <NUMBER>

Description: Set the retry count for for sending neighbor solicitation messages

Syntax:

<1-100>	Number of retries. Number range from=1 to=100
---------	---

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)# ipv6 nd ns-retries <NUMBER>
```

ipv6 nd ns-retries <NUMBER>

Description: Set the retry count for for sending neighbor solicitation messages

Syntax:

<1-100>	Number of retries. Number range from=1 to=100
---------	---

Command Mode: template ipv6 nd policy : Configure IPv6 Neighbor Discovery policy templates

Command Path:

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# template ipv6 nd policy <WORD> tenant <WORD>
(config-template-nd-pol)# ipv6 nd ns-retries <NUMBER>
```

ipv6 nd ns-retries <NUMBER>

Description: Set the retry count for for sending neighbor solicitation messages

Syntax:

<1-100>	Number of retries. Number range from=1 to=100
---------	---

Command Mode: interface vlan : Vlan interface

Command Path:

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface vlan <1-4094>
(config-leaf-if)# ipv6 nd ns-retries <NUMBER>
```

ipv6 nd ns-retries <NUMBER>

Description: Set the retry count for for sending neighbor solicitation messages

Syntax:

<1-100>	Number of retries. Number range from=1 to=100
---------	---

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)# ipv6 nd ns-retries <NUMBER>
```

ipv6 nd ns-retries <NUMBER>

Description: Set the retry count for for sending neighbor solicitation messages

Syntax:

<1-100>	Number of retries. Number range from=1 to=100
---------	---

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)# ipv6 nd ns-retries <NUMBER>
```

ipv6 nd other-config-flag

ipv6 nd other-config-flag

Description: Use stateful auto-configuration to obtain NON-address information

Command Mode: interface : Configuration for interface bridge-domain

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# interface bridge-domain <WORD>
(config-tenant-interface)# ipv6 nd other-config-flag
```

ipv6 nd other-config-flag

Description: Use stateful auto-configuration to obtain NON-address information

Command Mode: template ipv6 nd policy : Create/modify an an IPv6 Neighbor Discovery policy

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# template ipv6 nd policy <WORD>
(config-tenant-template-ipv6-nd)# ipv6 nd other-config-flag
```

ipv6 nd other-config-flag

Description: Use stateful auto-configuration to obtain NON-address information

Command Mode: template ipv6 nd policy : Configure IPv6 Neighbor Discovery policy templates

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# template ipv6 nd policy <WORD> tenant <WORD>
(config-template-nd-pol)# ipv6 nd other-config-flag
```

ipv6 nd other-config-flag

Description: Use stateful auto-configuration to obtain NON-address information

Command Mode: interface vlan : Vlan interface

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface vlan <1-4094>
(config-leaf-if)# ipv6 nd other-config-flag
```

ipv6 nd other-config-flag**Description:** Use stateful auto-configuration to obtain NON-address information**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)# ipv6 nd other-config-flag
```

ipv6 nd other-config-flag**Description:** Use stateful auto-configuration to obtain NON-address information**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)# ipv6 nd other-config-flag
```

ipv6 nd other-config-flag**Description:** Use stateful auto-configuration to obtain NON-address information**Command Mode:** template ipv6 nd policy : Configure IPv6 Neighbor Discovery policy templates**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# template ipv6 nd policy <WORD> tenant <WORD>
(config-template-nd-pol)# ipv6 nd other-config-flag
```

ipv6 nd other-config-flag**Description:** Use stateful auto-configuration to obtain NON-address information**Command Mode:** interface vlan : Vlan interface**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface vlan <1-4094>
(config-leaf-if)# ipv6 nd other-config-flag
```

ipv6 nd other-config-flag**Description:** Use stateful auto-configuration to obtain NON-address information

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)# ipv6 nd other-config-flag
```

ipv6 nd other-config-flag

Description: Use stateful auto-configuration to obtain NON-address information

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)# ipv6 nd other-config-flag
```

ipv6 nd policy

ipv6 nd policy <WORD>

Description: Associate the BD with an IPv6 Neighbor Discovery policy

Syntax:

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

Command Mode: interface : Configuration for interface bridge-domain

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# interface bridge-domain <WORD>
(config-tenant-interface)# ipv6 nd policy <WORD>
```

ipv6 nd prefix

ipv6 nd prefix <A:B::C:D/LEN> <NUMBER> <NUMBER> [no-autoconfig] [no-onlink] [router-address]

Description: Advertise in Neighbor Discover a Prefix and configure the parameters

Syntax:

<i>A:B::C:D/LEN</i>	IPv6 prefix format: xxxx:xxxx/ml, xxxx:xxxx::/ml, xxxx::xx/128
<0-4294967295>	Lifetime to advertise for the prefix, in seconds. Number range from=0 to=4294967295
<0-4294967295>	Preferred lifetime to advertise, in seconds. Number range from=0 to=4294967295
no-autoconfig	(Optional) advertise with A bit clear
no-onlink	(Optional) advertise with L bit clear
router-address	(Optional) Set this prefix as usable as default gateway by the hosts

Command Mode: interface : Configuration for interface bridge-domain

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# interface bridge-domain <WORD>
(config-tenant-interface)# ipv6 nd prefix <A:B::C:D/LEN> <NUMBER> <NUMBER> [no-autoconfig]
[no-onlink] [router-address]
```

ipv6 nd prefix <NUMBER> <NUMBER> [no-autoconfig] [no-onlink] [router-address]

Description: Advertise in Neighbor Discover a Prefix and configure the parameters

Syntax:

<0-4294967295>	Lifetime to advertise for the prefix, in milliseconds. Number range from=0 to=4294967295
<0-4294967295>	Preferred lifetime to advertise, in milliseconds. Number range from=0 to=4294967295
no-autoconfig	(Optional) advertise with A bit clear
no-onlink	(Optional) advertise with L bit clear
router-address	(Optional) Set this prefix as usable as default gateway by the hosts

Command Mode: template ipv6 nd prefix : Create/modify an an IPv6 Neighbor Prefix policy

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# template ipv6 nd prefix policy <WORD>
(config-tenant-template-ipv6-nd-pfx)# ipv6 nd prefix <NUMBER> <NUMBER> [no-autoconfig]
[no-onlink] [router-address]
```

ipv6 nd prefix <WORD> <NUMBER> <NUMBER> [no-autoconfig] [no-onlink] [router-address]

Description: Advertise in Neighbor Discover a Prefix and configure the parameters

Syntax:

WORD	WORD
<0-4294967295>	Lifetime to advertise for the prefix, in seconds. Number range from=0 to=4294967295
<0-4294967295>	Preferred lifetime to advertise, in seconds. Number range from=0 to=4294967295
no-autoconfig	(Optional) advertise with A bit clear
no-onlink	(Optional) advertise with L bit clear
router-address	(Optional) Set this prefix as usable as default gateway by the hosts

Command Mode: interface vlan : Vlan interface

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface vlan <1-4094>
(config-leaf-if)# ipv6 nd prefix <WORD> <NUMBER> <NUMBER> [no-autoconfig] [no-onlink]
[router-address]
```

ipv6 nd prefix <WORD> <NUMBER> <NUMBER> [no-autoconfig] [no-onlink] [router-address]

Description: Advertise in Neighbor Discover a Prefix and configure the parameters

Syntax:

WORD	WORD
<0-4294967295>	Lifetime to advertise for the prefix, in seconds. Number range from=0 to=4294967295
<0-4294967295>	Preferred lifetime to advertise, in seconds. Number range from=0 to=4294967295
no-autoconfig	(Optional) advertise with A bit clear
no-onlink	(Optional) advertise with L bit clear
router-address	(Optional) Set this prefix as usable as default gateway by the hosts

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)# ipv6 nd prefix <WORD> <NUMBER> <NUMBER> [no-autoconfig] [no-onlink]
[router-address]
```

ipv6 nd prefix <WORD> <NUMBER> <NUMBER> [no-autoconfig] [no-onlink] [router-address]

Description: Advertise in Neighbor Discover a Prefix and configure the parameters

Syntax:

WORD	WORD
<0-4294967295>	Lifetime to advertise for the prefix, in seconds. Number range from=0 to=4294967295
<0-4294967295>	Preferred lifetime to advertise, in seconds. Number range from=0 to=4294967295
no-autoconfig	(Optional) advertise with A bit clear
no-onlink	(Optional) advertise with L bit clear
router-address	(Optional) Set this prefix as usable as default gateway by the hosts

Command Mode: interface vlan : Vlan interface

Command Path:

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface vlan <1-4094>
(config-leaf-if)# ipv6 nd prefix <WORD> <NUMBER> <NUMBER> [no-autoconfig] [no-onlink]
[router-address]
```

ipv6 nd prefix <WORD> <NUMBER> <NUMBER> [no-autoconfig] [no-onlink] [router-address]

Description: Advertise in Neighbor Discover a Prefix and configure the parameters

Syntax:

WORD	WORD
<0-4294967295>	Lifetime to advertise for the prefix, in seconds. Number range from=0 to=4294967295
<0-4294967295>	Preferred lifetime to advertise, in seconds. Number range from=0 to=4294967295
no-autoconfig	(Optional) advertise with A bit clear

no-onlink	(Optional) advertise with L bit clear
router-address	(Optional) Set this prefix as usable as default gateway by the hosts

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)# ipv6 nd prefix <WORD> <NUMBER> <NUMBER> [no-autoconfig] [no-onlink]
[router-address]
```

ipv6 nd ra-interval

ipv6 nd ra-interval <NUMBER>

Description: Set the interval between sending ICMPv6 router advertisement messages

Syntax:

<200-1800>	Interval in seconds. Number range from=200 to=1800
------------	--

Command Mode: interface : Configuration for interface bridge-domain

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# interface bridge-domain <WORD>
(config-tenant-interface)# ipv6 nd ra-interval <NUMBER>
```

ipv6 nd ra-interval <NUMBER>

Description: Set the interval between sending ICMPv6 router advertisement messages

Syntax:

<200-1800>	Interval in seconds. Number range from=200 to=1800
------------	--

Command Mode: template ipv6 nd policy : Create/modify an an IPv6 Neighbor Discovery policy

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# template ipv6 nd policy <WORD>
(config-tenant-template-ipv6-nd)# ipv6 nd ra-interval <NUMBER>
```

ipv6 nd ra-interval <NUMBER>

Description: Set the interval between sending ICMPv6 router advertisement messages

Syntax:

<200-1800>	Interval in seconds. Number range from=200 to=1800
------------	--

Command Mode: template ipv6 nd policy : Configure IPv6 Neighbor Discovery policy templates

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# template ipv6 nd policy <WORD> tenant <WORD>
(config-template-nd-pol)# ipv6 nd ra-interval <NUMBER>
```

ipv6 nd ra-interval <NUMBER>**Description:** Set the interval between sending ICMPv6 router advertisement messages**Syntax:**

<200-1800>	Interval in seconds. Number range from=200 to=1800
------------	--

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

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface vlan <1-4094>
(config-leaf-if)# ipv6 nd ra-interval <NUMBER>
```

ipv6 nd ra-interval <NUMBER>**Description:** Set the interval between sending ICMPv6 router advertisement messages**Syntax:**

<200-1800>	Interval in seconds. Number range from=200 to=1800
------------	--

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)# ipv6 nd ra-interval <NUMBER>
```

ipv6 nd ra-interval <NUMBER>**Description:** Set the interval between sending ICMPv6 router advertisement messages**Syntax:**

<200-1800>	Interval in seconds. Number range from=200 to=1800
------------	--

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)# ipv6 nd ra-interval <NUMBER>
```

ipv6 nd ra-interval <NUMBER>**Description:** Set the interval between sending ICMPv6 router advertisement messages**Syntax:**

<200-1800>	Interval in seconds. Number range from=200 to=1800
------------	--

Command Mode: template ipv6 nd policy : Configure IPv6 Neighbor Discovery policy templates

Command Path:

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# template ipv6 nd policy <WORD> tenant <WORD>
(config-template-nd-pol)# ipv6 nd ra-interval <NUMBER>
```

ipv6 nd ra-interval <NUMBER>

Description: Set the interval between sending ICMPv6 router advertisement messages

Syntax:

<200-1800>	Interval in seconds. Number range from=200 to=1800
------------	--

Command Mode: interface vlan : Vlan interface

Command Path:

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface vlan <1-4094>
(config-leaf-if)# ipv6 nd ra-interval <NUMBER>
```

ipv6 nd ra-interval <NUMBER>

Description: Set the interval between sending ICMPv6 router advertisement messages

Syntax:

<200-1800>	Interval in seconds. Number range from=200 to=1800
------------	--

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)# ipv6 nd ra-interval <NUMBER>
```

ipv6 nd ra-interval <NUMBER>

Description: Set the interval between sending ICMPv6 router advertisement messages

Syntax:

<200-1800>	Interval in seconds. Number range from=200 to=1800
------------	--

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)# ipv6 nd ra-interval <NUMBER>
```

ipv6 nd ra-lifetime

ipv6 nd ra-lifetime <NUMBER>

Description: Set the router lifetime of a default router in ICMPv6 router advertisement messages

Syntax:

<0-9000>	Lifetime in seconds. Number range from=0 to=9000
----------	--

Command Mode: interface : Configuration for interface bridge-domain

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# interface bridge-domain <WORD>
(config-tenant-interface)# ipv6 nd ra-lifetime <NUMBER>
```

ipv6 nd ra-lifetime <NUMBER>

Description: Set the router lifetime of a default router in ICMPv6 router advertisement messages

Syntax:

<0-9000>	Lifetime in seconds. Number range from=0 to=9000
----------	--

Command Mode: template ipv6 nd policy : Create/modify an an IPv6 Neighbor Discovery policy

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# template ipv6 nd policy <WORD>
(config-tenant-template-ipv6-nd)# ipv6 nd ra-lifetime <NUMBER>
```

ipv6 nd ra-lifetime <NUMBER>

Description: Set the router lifetime of a default router in ICMPv6 router advertisement messages

Syntax:

<0-9000>	Lifetime in seconds. Number range from=0 to=9000
----------	--

Command Mode: template ipv6 nd policy : Configure IPv6 Neighbor Discovery policy templates

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# template ipv6 nd policy <WORD> tenant <WORD>
(config-template-nd-pol)# ipv6 nd ra-lifetime <NUMBER>
```

ipv6 nd ra-lifetime <NUMBER>

Description: Set the router lifetime of a default router in ICMPv6 router advertisement messages

Syntax:

<0-9000>	Lifetime in seconds. Number range from=0 to=9000
----------	--

Command Mode: interface vlan : Vlan interface

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface vlan <1-4094>
(config-leaf-if)# ipv6 nd ra-lifetime <NUMBER>
```

ipv6 nd ra-lifetime <NUMBER>

Description: Set the router lifetime of a default router in ICMPv6 router advertisement messages

Syntax:

<0-9000>	Lifetime in seconds. Number range from=0 to=9000
----------	--

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)# ipv6 nd ra-lifetime <NUMBER>
```

ipv6 nd ra-lifetime <NUMBER>

Description: Set the router lifetime of a default router in ICMPv6 router advertisement messages

Syntax:

<0-9000>	Lifetime in seconds. Number range from=0 to=9000
----------	--

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)# ipv6 nd ra-lifetime <NUMBER>
```

ipv6 nd ra-lifetime <NUMBER>

Description: Set the router lifetime of a default router in ICMPv6 router advertisement messages

Syntax:

<0-9000>	Lifetime in seconds. Number range from=0 to=9000
----------	--

Command Mode: template ipv6 nd policy : Configure IPv6 Neighbor Discovery policy templates

Command Path:

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# template ipv6 nd policy <WORD> tenant <WORD>
(config-template-nd-pol)# ipv6 nd ra-lifetime <NUMBER>
```

ipv6 nd ra-lifetime <NUMBER>

Description: Set the router lifetime of a default router in ICMPv6 router advertisement messages

Syntax:

<0-9000>	Lifetime in seconds. Number range from=0 to=9000
----------	--

Command Mode: interface vlan : Vlan interface

Command Path:

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface vlan <1-4094>
(config-leaf-if)# ipv6 nd ra-lifetime <NUMBER>
```

ipv6 nd ra-lifetime <NUMBER>

Description: Set the router lifetime of a default router in ICMPv6 router advertisement messages

Syntax:

<0-9000>	Lifetime in seconds. Number range from=0 to=9000
----------	--

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)# ipv6 nd ra-lifetime <NUMBER>
```

ipv6 nd ra-lifetime <NUMBER>

Description: Set the router lifetime of a default router in ICMPv6 router advertisement messages

Syntax:

<0-9000>	Lifetime in seconds. Number range from=0 to=9000
----------	--

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)# ipv6 nd ra-lifetime <NUMBER>
```

ipv6 nd reachable-time

ipv6 nd reachable-time <NUMBER>

Description: Set the time for reachability confirmation in ICMPv6 router advertisement messages

Syntax:

<0-3600000>	Reachable timer in seconds. Number range from=0 to=3600000
-------------	--

Command Mode: interface : Configuration for interface bridge-domain

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# interface bridge-domain <WORD>
(config-tenant-interface)# ipv6 nd reachable-time <NUMBER>
```

ipv6 nd reachable-time <NUMBER>

Description: Set the time for reachability confirmation in ICMPv6 router advertisement messages

Syntax:

<0-3600000>	Reachable timer in milliseconds. Number range from=0 to=3600000
-------------	---

Command Mode: template ipv6 nd policy : Create/modify an an IPv6 Neighbor Discovery policy

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# template ipv6 nd policy <WORD>
(config-tenant-template-ipv6-nd)# ipv6 nd reachable-time <NUMBER>
```

ipv6 nd reachable-time <NUMBER>

Description: Set the time for reachability confirmation in ICMPv6 router advertisement messages

Syntax:

<0-3600000>	Reachable timer in milliseconds. Number range from=0 to=3600000
-------------	---

Command Mode: template ipv6 nd policy : Configure IPv6 Neighbor Discovery policy templates

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# template ipv6 nd policy <WORD> tenant <WORD>
(config-template-nd-pol)# ipv6 nd reachable-time <NUMBER>
```

ipv6 nd reachable-time <NUMBER>

Description: Set the time for reachability confirmation in ICMPv6 router advertisement messages

Syntax:

<0-3600000>	Reachable timer in milliseconds. Number range from=0 to=3600000
-------------	---

Command Mode: interface vlan : Vlan interface

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface vlan <1-4094>
(config-leaf-if)# ipv6 nd reachable-time <NUMBER>
```

ipv6 nd reachable-time <NUMBER>

Description: Set the time for reachability confirmation in ICMPv6 router advertisement messages

Syntax:

<0-3600000>	Reachable timer in milliseconds. Number range from=0 to=3600000
-------------	---

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)# ipv6 nd reachable-time <NUMBER>
```

ipv6 nd reachable-time <NUMBER>

Description: Set the time for reachability confirmation in ICMPv6 router advertisement messages

Syntax:

<0-3600000>	Reachable timer in milliseconds. Number range from=0 to=3600000
-------------	---

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)# ipv6 nd reachable-time <NUMBER>
```

ipv6 nd reachable-time <NUMBER>

Description: Set the time for reachability confirmation in ICMPv6 router advertisement messages

Syntax:

<0-3600000>	Reachable timer in milliseconds. Number range from=0 to=3600000
-------------	---

Command Mode: template ipv6 nd policy : Configure IPv6 Neighbor Discovery policy templates

Command Path:

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# template ipv6 nd policy <WORD> tenant <WORD>
(config-template-nd-pol)# ipv6 nd reachable-time <NUMBER>
```

ipv6 nd reachable-time <NUMBER>

Description: Set the time for reachability confirmation in ICMPv6 router advertisement messages

Syntax:

<0-3600000>	Reachable timer in milliseconds. Number range from=0 to=3600000
-------------	---

Command Mode: interface vlan : Vlan interface

Command Path:

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface vlan <1-4094>
(config-leaf-if)# ipv6 nd reachable-time <NUMBER>
```

ipv6 nd reachable-time <NUMBER>

Description: Set the time for reachability confirmation in ICMPv6 router advertisement messages

Syntax:

<0-3600000>	Reachable timer in milliseconds. Number range from=0 to=3600000
-------------	---

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)# ipv6 nd reachable-time <NUMBER>
```

ipv6 nd reachable-time <NUMBER>

Description: Set the time for reachability confirmation in ICMPv6 router advertisement messages

Syntax:

<0-3600000>	Reachable timer in milliseconds. Number range from=0 to=3600000
-------------	---

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)# ipv6 nd reachable-time <NUMBER>
```

ipv6 nd retrans-timer

ipv6 nd retrans-timer <NUMBER>

Description: Set the time between neighbor solicitation (NS) messages in ICMPv6 router advertisement

Syntax:

<0-4294967295>	Retransmit timer, in seconds. Number range from=0 to=4294967295
----------------	---

Command Mode: interface : Configuration for interface bridge-domain

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# interface bridge-domain <WORD>
(config-tenant-interface)# ipv6 nd retrans-timer <NUMBER>
```

ipv6 nd retrans-timer <NUMBER>

Description: Set the time between neighbor solicitation (NS) messages in ICMPv6 router advertisement

Syntax:

<0-4294967295>	Retransmit timer in milliseconds. Number range from=0 to=4294967295
----------------	---

Command Mode: template ipv6 nd policy : Create/modify an an IPv6 Neighbor Discovery policy

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# template ipv6 nd policy <WORD>
(config-tenant-template-ipv6-nd)# ipv6 nd retrans-timer <NUMBER>
```

ipv6 nd retrans-timer <NUMBER>

Description: Set the time between neighbor solicitation (NS) messages in ICMPv6 router advertisement

Syntax:

<0-4294967295>	Retransmit timer in milliseconds. Number range from=0 to=4294967295
----------------	---

Command Mode: template ipv6 nd policy : Configure IPv6 Neighbor Discovery policy templates

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# template ipv6 nd policy <WORD> tenant <WORD>
(config-template-nd-pol)# ipv6 nd retrans-timer <NUMBER>
```

ipv6 nd retrans-timer <NUMBER>**Description:** Set the time between neighbor solicitation (NS) messages in ICMPv6 router advertisement**Syntax:**

<0-4294967295>	Retransmit timer in milliseconds. Number range from=0 to=4294967295
----------------	---

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

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface vlan <1-4094>
(config-leaf-if)# ipv6 nd retrans-timer <NUMBER>
```

ipv6 nd retrans-timer <NUMBER>**Description:** Set the time between neighbor solicitation (NS) messages in ICMPv6 router advertisement**Syntax:**

<0-4294967295>	Retransmit timer in milliseconds. Number range from=0 to=4294967295
----------------	---

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)# ipv6 nd retrans-timer <NUMBER>
```

ipv6 nd retrans-timer <NUMBER>**Description:** Set the time between neighbor solicitation (NS) messages in ICMPv6 router advertisement**Syntax:**

<0-4294967295>	Retransmit timer in milliseconds. Number range from=0 to=4294967295
----------------	---

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)# ipv6 nd retrans-timer <NUMBER>
```

ipv6 nd retrans-timer <NUMBER>**Description:** Set the time between neighbor solicitation (NS) messages in ICMPv6 router advertisement**Syntax:**

<0-4294967295>	Retransmit timer in milliseconds. Number range from=0 to=4294967295
----------------	---

Command Mode: template ipv6 nd policy : Configure IPv6 Neighbor Discovery policy templates

Command Path:

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# template ipv6 nd policy <WORD> tenant <WORD>
(config-template-nd-pol)# ipv6 nd retrans-timer <NUMBER>
```

ipv6 nd retrans-timer <NUMBER>

Description: Set the time between neighbor solicitation (NS) messages in ICMPv6 router advertisement

Syntax:

<0-4294967295>	Retransmit timer in milliseconds. Number range from=0 to=4294967295
----------------	---

Command Mode: interface vlan : Vlan interface

Command Path:

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface vlan <1-4094>
(config-leaf-if)# ipv6 nd retrans-timer <NUMBER>
```

ipv6 nd retrans-timer <NUMBER>

Description: Set the time between neighbor solicitation (NS) messages in ICMPv6 router advertisement

Syntax:

<0-4294967295>	Retransmit timer in milliseconds. Number range from=0 to=4294967295
----------------	---

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)# ipv6 nd retrans-timer <NUMBER>
```

ipv6 nd retrans-timer <NUMBER>

Description: Set the time between neighbor solicitation (NS) messages in ICMPv6 router advertisement

Syntax:

<0-4294967295>	Retransmit timer in milliseconds. Number range from=0 to=4294967295
----------------	---

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)# ipv6 nd retrans-timer <NUMBER>
```

ipv6 nd suppress-ra-mtu

ipv6 nd suppress-ra-mtu

Description: Disable sending MTU option in ICMPv6 router advertisement messages

Command Mode: interface : Configuration for interface bridge-domain

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# interface bridge-domain <WORD>
(config-tenant-interface)# ipv6 nd suppress-ra-mtu
```

ipv6 nd suppress-ra-mtu

Description: Disable sending MTU option in ICMPv6 router advertisement messages

Command Mode: template ipv6 nd policy : Create/modify an an IPv6 Neighbor Discovery policy

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# template ipv6 nd policy <WORD>
(config-tenant-template-ipv6-nd)# ipv6 nd suppress-ra-mtu
```

ipv6 nd suppress-ra-mtu

Description: Disable sending MTU option in ICMPv6 router advertisement messages

Command Mode: template ipv6 nd policy : Configure IPv6 Neighbor Discovery policy templates

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# template ipv6 nd policy <WORD> tenant <WORD>
(config-template-nd-pol)# ipv6 nd suppress-ra-mtu
```

ipv6 nd suppress-ra-mtu

Description: Disable sending MTU option in ICMPv6 router advertisement messages

Command Mode: interface vlan : Vlan interface

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface vlan <1-4094>
(config-leaf-if)# ipv6 nd suppress-ra-mtu
```

ipv6 nd suppress-ra-mtu**Description:** Disable sending MTU option in ICMPv6 router advertisement messages**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)# ipv6 nd suppress-ra-mtu
```

ipv6 nd suppress-ra-mtu**Description:** Disable sending MTU option in ICMPv6 router advertisement messages**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)# ipv6 nd suppress-ra-mtu
```

ipv6 nd suppress-ra-mtu**Description:** Disable sending MTU option in ICMPv6 router advertisement messages**Command Mode:** template ipv6 nd policy : Configure IPv6 Neighbor Discovery policy templates**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# template ipv6 nd policy <WORD> tenant <WORD>
(config-template-nd-pol)# ipv6 nd suppress-ra-mtu
```

ipv6 nd suppress-ra-mtu**Description:** Disable sending MTU option in ICMPv6 router advertisement messages**Command Mode:** interface vlan : Vlan interface**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface vlan <1-4094>
(config-leaf-if)# ipv6 nd suppress-ra-mtu
```

ipv6 nd suppress-ra-mtu**Description:** Disable sending MTU option in ICMPv6 router advertisement messages

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)# ipv6 nd suppress-ra-mtu
```

ipv6 nd suppress-ra-mtu

Description: Disable sending MTU option in ICMPv6 router advertisement messages

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)# ipv6 nd suppress-ra-mtu
```

ipv6 nd suppress-ra

ipv6 nd suppress-ra

Description: Disable sending ICMPv6 router advertisement messages

Command Mode: interface : Configuration for interface bridge-domain

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# interface bridge-domain <WORD>
(config-tenant-interface)# ipv6 nd suppress-ra
```

ipv6 nd suppress-ra

Description: Disable sending ICMPv6 router advertisement messages

Command Mode: template ipv6 nd policy : Create/modify an an IPv6 Neighbor Discovery policy

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# template ipv6 nd policy <WORD>
(config-tenant-template-ipv6-nd)# ipv6 nd suppress-ra
```

ipv6 nd suppress-ra

Description: Disable sending ICMPv6 router advertisement messages

Command Mode: template ipv6 nd policy : Configure IPv6 Neighbor Discovery policy templates

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# template ipv6 nd policy <WORD> tenant <WORD>
(config-template-nd-pol)# ipv6 nd suppress-ra
```

ipv6 nd suppress-ra

Description: Disable sending ICMPv6 router advertisement messages

Command Mode: interface vlan : Vlan interface

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface vlan <1-4094>
(config-leaf-if)# ipv6 nd suppress-ra
```

ipv6 nd suppress-ra**Description:** Disable sending ICMPv6 router advertisement messages**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)# ipv6 nd suppress-ra
```

ipv6 nd suppress-ra**Description:** Disable sending ICMPv6 router advertisement messages**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)# ipv6 nd suppress-ra
```

ipv6 nd suppress-ra**Description:** Disable sending ICMPv6 router advertisement messages**Command Mode:** template ipv6 nd policy : Configure IPv6 Neighbor Discovery policy templates**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# template ipv6 nd policy <WORD> tenant <WORD>
(config-template-nd-pol)# ipv6 nd suppress-ra
```

ipv6 nd suppress-ra**Description:** Disable sending ICMPv6 router advertisement messages**Command Mode:** interface vlan : Vlan interface**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface vlan <1-4094>
(config-leaf-if)# ipv6 nd suppress-ra
```

ipv6 nd suppress-ra**Description:** Disable sending ICMPv6 router advertisement messages

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)# ipv6 nd suppress-ra
```

ipv6 nd suppress-ra

Description: Disable sending ICMPv6 router advertisement messages

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)# ipv6 nd suppress-ra
```


ipv6 nd unsolicit-na-glean

ipv6 nd unsolicit-na-glean

Description: Configure ND to glean an entry from an unsolicited neighbor advertisement (NA)

Command Mode: template ipv6 nd policy : Create/modify an an IPv6 Neighbor Discovery policy

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# template ipv6 nd policy <WORD>
(config-tenant-template-ipv6-nd)# ipv6 nd unsolicit-na-glean
```

ipv6 nd unsolicit-na-glean

Description: Configure ND to glean an entry from an unsolicited neighbor advertisement (NA)

Command Mode: template ipv6 nd policy : Configure IPv6 Neighbor Discovery policy templates

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# template ipv6 nd policy <WORD> tenant <WORD>
(config-template-nd-pol)# ipv6 nd unsolicit-na-glean
```

ipv6 nd unsolicit-na-glean

Description: Configure ND to glean an entry from an unsolicited neighbor advertisement (NA)

Command Mode: interface vlan : Vlan interface

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface vlan <1-4094>
(config-leaf-if)# ipv6 nd unsolicit-na-glean
```

ipv6 nd unsolicit-na-glean

Description: Configure ND to glean an entry from an unsolicited neighbor advertisement (NA)

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)# ipv6 nd unsolicit-na-glean
```

ipv6 nd unsolicit-na-glean**Description:** Configure ND to glean an entry from an unsolicited neighbor advertisement (NA)**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)# ipv6 nd unsolicit-na-glean
```

ipv6 nd unsolicit-na-glean**Description:** Configure ND to glean an entry from an unsolicited neighbor advertisement (NA)**Command Mode:** template ipv6 nd policy : Configure IPv6 Neighbor Discovery policy templates**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# template ipv6 nd policy <WORD> tenant <WORD>
(config-template-nd-pol)# ipv6 nd unsolicit-na-glean
```

ipv6 nd unsolicit-na-glean**Description:** Configure ND to glean an entry from an unsolicited neighbor advertisement (NA)**Command Mode:** interface vlan : Vlan interface**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface vlan <1-4094>
(config-leaf-if)# ipv6 nd unsolicit-na-glean
```

ipv6 nd unsolicit-na-glean**Description:** Configure ND to glean an entry from an unsolicited neighbor advertisement (NA)**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)# ipv6 nd unsolicit-na-glean
```

ipv6 nd unsolicit-na-glean**Description:** Configure ND to glean an entry from an unsolicited neighbor advertisement (NA)

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)# ipv6 nd unsolicit-na-glean
```

ipv6 next-hop-self

ipv6 next-hop-self eigrp default

Description: Set EIGRP next-hop-self flag

Syntax:

eigrp	EIGRP
default	EIGRP default instance

Command Mode: interface vlan : Vlan interface

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface vlan <1-4094>
(config-leaf-if)# ipv6 next-hop-self eigrp default
```

ipv6 next-hop-self eigrp default

Description: Set EIGRP next-hop-self flag

Syntax:

eigrp	EIGRP
default	EIGRP default instance

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)# ipv6 next-hop-self eigrp default
```

ipv6 next-hop-self eigrp default

Description: Set EIGRP next-hop-self flag

Syntax:

eigrp	EIGRP
default	EIGRP default instance

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)# ipv6 next-hop-self eigrp default
```

ipv6 next-hop-self eigrp default

Description: Set EIGRP next-hop-self flag

Syntax:

eigrp	EIGRP
default	EIGRP default instance

Command Mode: interface vlan : Vlan interface

Command Path:

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface vlan <1-4094>
(config-leaf-if)# ipv6 next-hop-self eigrp default
```

ipv6 next-hop-self eigrp default

Description: Set EIGRP next-hop-self flag

Syntax:

eigrp	EIGRP
default	EIGRP default instance

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)# ipv6 next-hop-self eigrp default
```

ipv6 next-hop-self eigrp default

Description: Set EIGRP next-hop-self flag

Syntax:

eigrp	EIGRP
default	EIGRP default instance

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)# ipv6 next-hop-self eigrp default
```

ipv6 ospf bfd

ipv6 ospf bfd enable

Description: Enable Bidirectional Forwarding Detection

Syntax:

enable	Enable BFD
--------	------------

Command Mode: interface vlan : Vlan interface

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface vlan <1-4094>
(config-leaf-if)# ipv6 ospf bfd enable
```

ipv6 ospf bfd enable

Description: Enable Bidirectional Forwarding Detection

Syntax:

enable	Enable BFD
--------	------------

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)# ipv6 ospf bfd enable
```

ipv6 ospf bfd enable

Description: Enable Bidirectional Forwarding Detection

Syntax:

enable	Enable BFD
--------	------------

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)# ipv6 ospf bfd enable
```

ipv6 ospf bfd enable**Description:** Enable Bidirectional Forwarding Detection**Syntax:**

enable	Enable BFD
--------	------------

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

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface vlan <1-4094>
(config-leaf-if)# ipv6 ospf bfd enable
```

ipv6 ospf bfd enable**Description:** Enable Bidirectional Forwarding Detection**Syntax:**

enable	Enable BFD
--------	------------

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)# ipv6 ospf bfd enable
```

ipv6 ospf bfd enable**Description:** Enable Bidirectional Forwarding Detection**Syntax:**

enable	Enable BFD
--------	------------

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)# ipv6 ospf bfd enable
```


ipv6 ospf cost

ipv6 ospf cost <NUMBER>

Description: Set OSPF cost for the interface

Syntax:

<0-65535>	OSPF cost. Number range from=0 to=65535
-----------	---

Command Mode: interface vlan : Vlan interface

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface vlan <1-4094>
(config-leaf-if)# ipv6 ospf cost <NUMBER>
```

ipv6 ospf cost <NUMBER>

Description: Set OSPF cost for the interface

Syntax:

<0-65535>	OSPF cost. Number range from=0 to=65535
-----------	---

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)# ipv6 ospf cost <NUMBER>
```

ipv6 ospf cost <NUMBER>

Description: Set OSPF cost for the interface

Syntax:

<0-65535>	OSPF cost. Number range from=0 to=65535
-----------	---

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)# ipv6 ospf cost <NUMBER>
```

ipv6 ospf cost <NUMBER>

Description: Set OSPF cost for the interface

Syntax:

<0-65535>	OSPF cost. Number range from=0 to=65535
-----------	---

Command Mode: interface vlan : Vlan interface

Command Path:

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface vlan <1-4094>
(config-leaf-if)# ipv6 ospf cost <NUMBER>
```

ipv6 ospf cost <NUMBER>

Description: Set OSPF cost for the interface

Syntax:

<0-65535>	OSPF cost. Number range from=0 to=65535
-----------	---

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)# ipv6 ospf cost <NUMBER>
```

ipv6 ospf cost <NUMBER>

Description: Set OSPF cost for the interface

Syntax:

<0-65535>	OSPF cost. Number range from=0 to=65535
-----------	---

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)# ipv6 ospf cost <NUMBER>
```

ipv6 ospf dead-interval

ipv6 ospf dead-interval <NUMBER>

Description: Set the interval between hello packets from a neighbor before the router declares the neighbor as down

Syntax:

<1-65535>	Interval in seconds. Number range from=1 to=65535
-----------	---

Command Mode: interface vlan : Vlan interface

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface vlan <1-4094>
(config-leaf-if)# ipv6 ospf dead-interval <NUMBER>
```

ipv6 ospf dead-interval <NUMBER>

Description: Set the interval between hello packets from a neighbor before the router declares the neighbor as down

Syntax:

<1-65535>	Interval in seconds. Number range from=1 to=65535
-----------	---

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)# ipv6 ospf dead-interval <NUMBER>
```

ipv6 ospf dead-interval <NUMBER>

Description: Set the interval between hello packets from a neighbor before the router declares the neighbor as down

Syntax:

<1-65535>	Interval in seconds. Number range from=1 to=65535
-----------	---

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)# ipv6 ospf dead-interval <NUMBER>
```

ipv6 ospf dead-interval <NUMBER>

Description: Set the interval between hello packets from a neighbor before the router declares the neighbor as down

Syntax:

<1-65535>	Interval in seconds. Number range from=1 to=65535
-----------	---

Command Mode: interface vlan : Vlan interface

Command Path:

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface vlan <1-4094>
(config-leaf-if)# ipv6 ospf dead-interval <NUMBER>
```

ipv6 ospf dead-interval <NUMBER>

Description: Set the interval between hello packets from a neighbor before the router declares the neighbor as down

Syntax:

<1-65535>	Interval in seconds. Number range from=1 to=65535
-----------	---

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)# ipv6 ospf dead-interval <NUMBER>
```

ipv6 ospf dead-interval <NUMBER>

Description: Set the interval between hello packets from a neighbor before the router declares the neighbor as down

Syntax:

<1-65535>	Interval in seconds. Number range from=1 to=65535
-----------	---

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)# ipv6 ospf dead-interval <NUMBER>
```

ipv6 ospf hello-interval

ipv6 ospf hello-interval <NUMBER>

Description: Set interval between hello packets that OSPF sends on the interface

Syntax:

<code><1-65535></code>	Interval in seconds. Number range from=1 to=65535
------------------------------	---

Command Mode: interface vlan : Vlan interface

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface vlan <1-4094>
(config-leaf-if)# ipv6 ospf hello-interval <NUMBER>
```

ipv6 ospf hello-interval <NUMBER>

Description: Set interval between hello packets that OSPF sends on the interface

Syntax:

<code><1-65535></code>	Interval in seconds. Number range from=1 to=65535
------------------------------	---

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)# ipv6 ospf hello-interval <NUMBER>
```

ipv6 ospf hello-interval <NUMBER>

Description: Set interval between hello packets that OSPF sends on the interface

Syntax:

<code><1-65535></code>	Interval in seconds. Number range from=1 to=65535
------------------------------	---

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)# ipv6 ospf hello-interval <NUMBER>
```

ipv6 ospf hello-interval <NUMBER>**Description:** Set interval between hello packets that OSPF sends on the interface**Syntax:**

<1-65535>	Interval in seconds. Number range from=1 to=65535
-----------	---

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

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface vlan <1-4094>
(config-leaf-if)# ipv6 ospf hello-interval <NUMBER>
```

ipv6 ospf hello-interval <NUMBER>**Description:** Set interval between hello packets that OSPF sends on the interface**Syntax:**

<1-65535>	Interval in seconds. Number range from=1 to=65535
-----------	---

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)# ipv6 ospf hello-interval <NUMBER>
```

ipv6 ospf hello-interval <NUMBER>**Description:** Set interval between hello packets that OSPF sends on the interface**Syntax:**

<1-65535>	Interval in seconds. Number range from=1 to=65535
-----------	---

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)# ipv6 ospf hello-interval <NUMBER>
```

ipv6 ospf inherit

ipv6 ospf inherit interface-policy <WORD>

Description: Inherit OSPF Template Policy under this VRF

Syntax:

interface-policy	Inherit OSPF interface-policy
<i>WORD</i>	OSPF Template 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)# ipv6 ospf inherit interface-policy <WORD>
```

ipv6 ospf inherit interface-policy <WORD>

Description: Inherit OSPF Template Policy under this VRF

Syntax:

interface-policy	Inherit OSPF interface-policy
<i>WORD</i>	OSPF Template 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)# ipv6 ospf inherit interface-policy <WORD>
```

ipv6 ospf inherit interface-policy <WORD>

Description: Inherit OSPF Template Policy under this VRF

Syntax:

interface-policy	Inherit OSPF interface-policy
<i>WORD</i>	OSPF Template 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)# ipv6 ospf inherit interface-policy <WORD>
```

ipv6 ospf inherit interface-policy <WORD>

Description: Inherit OSPF Template Policy under this VRF

Syntax:

interface-policy	Inherit OSPF interface-policy
<i>WORD</i>	OSPF Template 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)# ipv6 ospf inherit interface-policy <WORD>
```

ipv6 ospf inherit interface-policy <WORD>

Description: Inherit OSPF Template Policy under this VRF

Syntax:

interface-policy	Inherit OSPF interface-policy
<i>WORD</i>	OSPF Template 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)# ipv6 ospf inherit interface-policy <WORD>
```

ipv6 ospf inherit interface-policy <WORD>

Description: Inherit OSPF Template Policy under this VRF

Syntax:

interface-policy	Inherit OSPF interface-policy
<i>WORD</i>	OSPF Template 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)# ipv6 ospf inherit interface-policy <WORD>
```

ipv6 ospf mtu-ignore

ipv6 ospf mtu-ignore

Description: Set OSPF Interface Policy Controls

Command Mode: interface vlan : Vlan interface

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface vlan <1-4094>
(config-leaf-if)# ipv6 ospf mtu-ignore
```

ipv6 ospf mtu-ignore

Description: Set OSPF Interface Policy Controls

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)# ipv6 ospf mtu-ignore
```

ipv6 ospf mtu-ignore

Description: Set OSPF Interface Policy Controls

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)# ipv6 ospf mtu-ignore
```

ipv6 ospf mtu-ignore

Description: Set OSPF Interface Policy Controls

Command Mode: interface vlan : Vlan interface

Command Path:

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface vlan <1-4094>
(config-leaf-if)# ipv6 ospf mtu-ignore
```

ipv6 ospf mtu-ignore**Description:** Set OSPF Interface Policy Controls**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)# ipv6 ospf mtu-ignore
```

ipv6 ospf mtu-ignore**Description:** Set OSPF Interface Policy Controls**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)# ipv6 ospf mtu-ignore
```

ipv6 ospf network

ipv6 ospf network bcast|p2p|unspecified

Description: Set OSPF interface policy network type

Syntax:

<i>bcast</i>	The OSPF interface policy network type. OSPF supports point-to-point and broadcast.
<i>p2p</i>	The OSPF interface policy network type. OSPF supports point-to-point and broadcast.
<i>unspecified</i>	The OSPF interface policy network type. OSPF supports point-to-point and broadcast.

Command Mode: interface vlan : Vlan interface

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface vlan <1-4094>
(config-leaf-if)# ipv6 ospf network bcast|p2p|unspecified
```

ipv6 ospf network bcast|p2p|unspecified

Description: Set OSPF interface policy network type

Syntax:

<i>bcast</i>	The OSPF interface policy network type. OSPF supports point-to-point and broadcast.
<i>p2p</i>	The OSPF interface policy network type. OSPF supports point-to-point and broadcast.
<i>unspecified</i>	The OSPF interface policy network type. OSPF supports point-to-point and broadcast.

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)# ipv6 ospf network bcast|p2p|unspecified
```

ipv6 ospf network bcast|p2p|unspecified

Description: Set OSPF interface policy network type

Syntax:

<i>bcast</i>	The OSPF interface policy network type. OSPF supports point-to-point and broadcast.
<i>p2p</i>	The OSPF interface policy network type. OSPF supports point-to-point and broadcast.
<i>unspecified</i>	The OSPF interface policy network type. OSPF supports point-to-point and broadcast.

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)# ipv6 ospf network bcast|p2p|unspecified
```

ipv6 ospf network bcast|p2p|unspecified

Description: Set OSPF interface policy network type

Syntax:

<i>bcast</i>	The OSPF interface policy network type. OSPF supports point-to-point and broadcast.
<i>p2p</i>	The OSPF interface policy network type. OSPF supports point-to-point and broadcast.
<i>unspecified</i>	The OSPF interface policy network type. OSPF supports point-to-point and broadcast.

Command Mode: interface vlan : Vlan interface

Command Path:

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface vlan <1-4094>
(config-leaf-if)# ipv6 ospf network bcast|p2p|unspecified
```

ipv6 ospf network bcast|p2p|unspecified

Description: Set OSPF interface policy network type

Syntax:

<i>bcast</i>	The OSPF interface policy network type. OSPF supports point-to-point and broadcast.
<i>p2p</i>	The OSPF interface policy network type. OSPF supports point-to-point and broadcast.

<i>unspecified</i>	The OSPF interface policy network type. OSPF supports point-to-point and broadcast.
--------------------	---

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)# ipv6 ospf network bcast|p2p|unspecified
```

ipv6 ospf network bcast|p2p|unspecified

Description: Set OSPF interface policy network type

Syntax:

<i>bcast</i>	The OSPF interface policy network type. OSPF supports point-to-point and broadcast.
<i>p2p</i>	The OSPF interface policy network type. OSPF supports point-to-point and broadcast.
<i>unspecified</i>	The OSPF interface policy network type. OSPF supports point-to-point and broadcast.

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)# ipv6 ospf network bcast|p2p|unspecified
```

ipv6 ospf passive-interface

ipv6 ospf passive-interface

Description: Set OSPF Interface Policy Controls

Command Mode: interface vlan : Vlan interface

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface vlan <1-4094>
(config-leaf-if)# ipv6 ospf passive-interface
```

ipv6 ospf passive-interface

Description: Set OSPF Interface Policy Controls

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)# ipv6 ospf passive-interface
```

ipv6 ospf passive-interface

Description: Set OSPF Interface Policy Controls

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)# ipv6 ospf passive-interface
```

ipv6 ospf passive-interface

Description: Set OSPF Interface Policy Controls

Command Mode: interface vlan : Vlan interface

Command Path:

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface vlan <1-4094>
(config-leaf-if)# ipv6 ospf passive-interface
```


ipv6 ospf passive-interface

Description: Set OSPF Interface Policy Controls

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)# ipv6 ospf passive-interface
```

ipv6 ospf passive-interface

Description: Set OSPF Interface Policy Controls

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)# ipv6 ospf passive-interface
```

ipv6 ospf prefix-suppression

ipv6 ospf prefix-suppression disable|enable|inherit

Description: Set prefix suppression

Syntax:

<i>disable</i>	The OSPF interface prefix suppression.
<i>enable</i>	The OSPF interface prefix suppression.
<i>inherit</i>	The OSPF interface prefix suppression.

Command Mode: interface vlan : Vlan interface

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface vlan <1-4094>
(config-leaf-if)# ipv6 ospf prefix-suppression disable|enable|inherit
```

ipv6 ospf prefix-suppression disable|enable|inherit

Description: Set prefix suppression

Syntax:

<i>disable</i>	The OSPF interface prefix suppression.
<i>enable</i>	The OSPF interface prefix suppression.
<i>inherit</i>	The OSPF interface prefix suppression.

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)# ipv6 ospf prefix-suppression disable|enable|inherit
```

ipv6 ospf prefix-suppression disable|enable|inherit

Description: Set prefix suppression

Syntax:

<i>disable</i>	The OSPF interface prefix suppression.
<i>enable</i>	The OSPF interface prefix suppression.

<i>inherit</i>	The OSPF interface prefix suppression.
----------------	--

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)# ipv6 ospf prefix-suppression disable|enable|inherit
```

ipv6 ospf prefix-suppression disable|enable|inherit

Description: Set prefix suppression

Syntax:

<i>disable</i>	The OSPF interface prefix suppression.
<i>enable</i>	The OSPF interface prefix suppression.
<i>inherit</i>	The OSPF interface prefix suppression.

Command Mode: interface vlan : Vlan interface

Command Path:

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface vlan <1-4094>
(config-leaf-if)# ipv6 ospf prefix-suppression disable|enable|inherit
```

ipv6 ospf prefix-suppression disable|enable|inherit

Description: Set prefix suppression

Syntax:

<i>disable</i>	The OSPF interface prefix suppression.
<i>enable</i>	The OSPF interface prefix suppression.
<i>inherit</i>	The OSPF interface prefix suppression.

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)# ipv6 ospf prefix-suppression disable|enable|inherit
```

ipv6 ospf prefix-suppression disable|enable|inherit**Description:** Set prefix suppression**Syntax:**

<i>disable</i>	The OSPF interface prefix suppression.
<i>enable</i>	The OSPF interface prefix suppression.
<i>inherit</i>	The OSPF interface prefix suppression.

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)# ipv6 ospf prefix-suppression disable|enable|inherit
```

ipv6 ospf priority

ipv6 ospf priority <NUMBER>

Description: Set OSPF interface priority used to determine the designated router (DR) on a specific network

Syntax:

<0-255>	OSPF priority. Number range from=0 to=255
---------	---

Command Mode: interface vlan : Vlan interface

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface vlan <1-4094>
(config-leaf-if)# ipv6 ospf priority <NUMBER>
```

ipv6 ospf priority <NUMBER>

Description: Set OSPF interface priority used to determine the designated router (DR) on a specific network

Syntax:

<0-255>	OSPF priority. Number range from=0 to=255
---------	---

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)# ipv6 ospf priority <NUMBER>
```

ipv6 ospf priority <NUMBER>

Description: Set OSPF interface priority used to determine the designated router (DR) on a specific network

Syntax:

<0-255>	OSPF priority. Number range from=0 to=255
---------	---

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)# ipv6 ospf priority <NUMBER>
```

ipv6 ospf priority <NUMBER>

Description: Set OSPF interface priority used to determine the designated router (DR) on a specific network

Syntax:

<0-255>	OSPF priority. Number range from=0 to=255
---------	---

Command Mode: interface vlan : Vlan interface

Command Path:

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface vlan <1-4094>
(config-leaf-if)# ipv6 ospf priority <NUMBER>
```

ipv6 ospf priority <NUMBER>

Description: Set OSPF interface priority used to determine the designated router (DR) on a specific network

Syntax:

<0-255>	OSPF priority. Number range from=0 to=255
---------	---

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)# ipv6 ospf priority <NUMBER>
```

ipv6 ospf priority <NUMBER>

Description: Set OSPF interface priority used to determine the designated router (DR) on a specific network

Syntax:

<0-255>	OSPF priority. Number range from=0 to=255
---------	---

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)# ipv6 ospf priority <NUMBER>
```

ipv6 ospf retransmit-interval

ipv6 ospf retransmit-interval <NUMBER>

Description: Set OSPF Policy Graceful Restart Timers

Syntax:

<1-65535>	Interval in seconds. Number range from=1 to=65535
-----------	---

Command Mode: interface vlan : Vlan interface

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface vlan <1-4094>
(config-leaf-if)# ipv6 ospf retransmit-interval <NUMBER>
```

ipv6 ospf retransmit-interval <NUMBER>

Description: Set OSPF Policy Graceful Restart Timers

Syntax:

<1-65535>	Interval in seconds. Number range from=1 to=65535
-----------	---

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)# ipv6 ospf retransmit-interval <NUMBER>
```

ipv6 ospf retransmit-interval <NUMBER>

Description: Set OSPF Policy Graceful Restart Timers

Syntax:

<1-65535>	Interval in seconds. Number range from=1 to=65535
-----------	---

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)# ipv6 ospf retransmit-interval <NUMBER>
```

ipv6 ospf retransmit-interval <NUMBER>**Description:** Set OSPF Policy Graceful Restart Timers**Syntax:**

<1-65535>	Interval in seconds. Number range from=1 to=65535
-----------	---

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

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface vlan <1-4094>
(config-leaf-if)# ipv6 ospf retransmit-interval <NUMBER>
```

ipv6 ospf retransmit-interval <NUMBER>**Description:** Set OSPF Policy Graceful Restart Timers**Syntax:**

<1-65535>	Interval in seconds. Number range from=1 to=65535
-----------	---

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)# ipv6 ospf retransmit-interval <NUMBER>
```

ipv6 ospf retransmit-interval <NUMBER>**Description:** Set OSPF Policy Graceful Restart Timers**Syntax:**

<1-65535>	Interval in seconds. Number range from=1 to=65535
-----------	---

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)# ipv6 ospf retransmit-interval <NUMBER>
```


ipv6 ospf transmit-delay

ipv6 ospf transmit-delay <NUMBER>

Description: Set the delay time needed to send an LSA update packet.

Syntax:

<1-450>	Delay in seconds. Number range from=1 to=450
---------	--

Command Mode: interface vlan : Vlan interface

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface vlan <1-4094>
(config-leaf-if)# ipv6 ospf transmit-delay <NUMBER>
```

ipv6 ospf transmit-delay <NUMBER>

Description: Set the delay time needed to send an LSA update packet.

Syntax:

<1-450>	Delay in seconds. Number range from=1 to=450
---------	--

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)# ipv6 ospf transmit-delay <NUMBER>
```

ipv6 ospf transmit-delay <NUMBER>

Description: Set the delay time needed to send an LSA update packet.

Syntax:

<1-450>	Delay in seconds. Number range from=1 to=450
---------	--

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)# ipv6 ospf transmit-delay <NUMBER>
```

ipv6 ospf transmit-delay <NUMBER>

Description: Set the delay time needed to send an LSA update packet.

Syntax:

<1-450>	Delay in seconds. Number range from=1 to=450
---------	--

Command Mode: interface vlan : Vlan interface

Command Path:

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface vlan <1-4094>
(config-leaf-if)# ipv6 ospf transmit-delay <NUMBER>
```

ipv6 ospf transmit-delay <NUMBER>

Description: Set the delay time needed to send an LSA update packet.

Syntax:

<1-450>	Delay in seconds. Number range from=1 to=450
---------	--

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)# ipv6 ospf transmit-delay <NUMBER>
```

ipv6 ospf transmit-delay <NUMBER>

Description: Set the delay time needed to send an LSA update packet.

Syntax:

<1-450>	Delay in seconds. Number range from=1 to=450
---------	--

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)# ipv6 ospf transmit-delay <NUMBER>
```

ipv6 passive-interface

ipv6 passive-interface eigrp default

Description: Set EIGRP passive-interface flag

Syntax:

eigrp	EIGRP
default	EIGRP default instance

Command Mode: interface vlan : Vlan interface

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface vlan <1-4094>
(config-leaf-if)# ipv6 passive-interface eigrp default
```

ipv6 passive-interface eigrp default

Description: Set EIGRP passive-interface flag

Syntax:

eigrp	EIGRP
default	EIGRP default instance

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)# ipv6 passive-interface eigrp default
```

ipv6 passive-interface eigrp default

Description: Set EIGRP passive-interface flag

Syntax:

eigrp	EIGRP
default	EIGRP default instance

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)# ipv6 passive-interface eigrp default
```

ipv6 passive-interface eigrp default

Description: Set EIGRP passive-interface flag

Syntax:

eigrp	EIGRP
default	EIGRP default instance

Command Mode: interface vlan : Vlan interface

Command Path:

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface vlan <1-4094>
(config-leaf-if)# ipv6 passive-interface eigrp default
```

ipv6 passive-interface eigrp default

Description: Set EIGRP passive-interface flag

Syntax:

eigrp	EIGRP
default	EIGRP default instance

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)# ipv6 passive-interface eigrp default
```

ipv6 passive-interface eigrp default

Description: Set EIGRP passive-interface flag

Syntax:

eigrp	EIGRP
default	EIGRP default instance

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)# ipv6 passive-interface eigrp default
```

ipv6 router eigrp authentication enable

ipv6 router eigrp authentication enable

Description: Enable EIGRP authentication for an interface

Command Mode: interface vlan : Vlan interface

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface vlan <1-4094>
(config-leaf-if)# ipv6 router eigrp authentication enable
```

ipv6 router eigrp authentication enable

Description: Enable EIGRP authentication

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)# ipv6 router eigrp authentication enable
```

ipv6 router eigrp authentication enable

Description: Enable EIGRP authentication

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)# ipv6 router eigrp authentication enable
```

ipv6 router eigrp authentication enable

Description: Enable EIGRP authentication for an interface

Command Mode: interface vlan : Vlan interface

Command Path:

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface vlan <1-4094>
(config-leaf-if)# ipv6 router eigrp authentication enable
```

ipv6 router eigrp authentication enable

Description: Enable EIGRP authentication

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)# ipv6 router eigrp authentication enable
```

ipv6 router eigrp authentication enable

Description: Enable EIGRP authentication

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)# ipv6 router eigrp authentication enable
```

ipv6 router eigrp authentication keychain-policy

ipv6 router eigrp authentication keychain-policy <WORD>

Description: Associate the keychain policy with an EIGRP interface

Syntax:

<i>WORD</i>	Policy name
-------------	-------------

Command Mode: interface vlan : Vlan interface

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface vlan <1-4094>
(config-leaf-if)# ipv6 router eigrp authentication keychain-policy <WORD>
```

ipv6 router eigrp authentication keychain-policy <WORD>

Description: Associate the keychain policy with an EIGRP interface

Syntax:

<i>WORD</i>	Policy 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)# ipv6 router eigrp authentication keychain-policy <WORD>
```

ipv6 router eigrp authentication keychain-policy <WORD>

Description: Associate the keychain policy with an EIGRP interface

Syntax:

<i>WORD</i>	Policy 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)# ipv6 router eigrp authentication keychain-policy <WORD>
```


ipv6 router eigrp authentication keychain-policy <WORD>**Description:** Associate the keychain policy with an EIGRP interface**Syntax:**

<i>WORD</i>	Policy name
-------------	-------------

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

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface vlan <1-4094>
(config-leaf-if)# ipv6 router eigrp authentication keychain-policy <WORD>
```

ipv6 router eigrp authentication keychain-policy <WORD>**Description:** Associate the keychain policy with an EIGRP interface**Syntax:**

<i>WORD</i>	Policy 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)# ipv6 router eigrp authentication keychain-policy <WORD>
```

ipv6 router eigrp authentication keychain-policy <WORD>**Description:** Associate the keychain policy with an EIGRP interface**Syntax:**

<i>WORD</i>	Policy 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)# ipv6 router eigrp authentication keychain-policy <WORD>
```

ipv6 router eigrp default

ipv6 router eigrp default

Description: Configure Router EIGRP Policies

Command Mode: interface vlan : Vlan interface

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface vlan <1-4094>
(config-leaf-if)# ipv6 router eigrp default
```

ipv6 router eigrp default

Description: Configure EIGRP default 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)# ipv6 router eigrp default
```

ipv6 router eigrp default

Description: Configure EIGRP default interface

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)# ipv6 router eigrp default
```

ipv6 router eigrp default

Description: Configure Router EIGRP Policies

Command Mode: interface vlan : Vlan interface

Command Path:

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface vlan <1-4094>
(config-leaf-if)# ipv6 router eigrp default
```

ipv6 router eigrp default

Description: Configure EIGRP default 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)# ipv6 router eigrp default
```

ipv6 router eigrp default

Description: Configure EIGRP default interface

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)# ipv6 router eigrp default
```

ipv6 router ospf default

ipv6 router ospf default area <A.B.C.D|NUMBER>

Description: Process tag

Syntax:

area	Area associated with interface
<i>A.B.C.D NUMBER</i>	OSPF area Id

Command Mode: interface vlan : Vlan interface

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface vlan <1-4094>
(config-leaf-if)# ipv6 router ospf default area <A.B.C.D|NUMBER>
```

ipv6 router ospf default area <A.B.C.D|NUMBER>

Description: Process tag

Syntax:

area	Area associated with interface
<i>A.B.C.D NUMBER</i>	OSPF area 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)# ipv6 router ospf default area <A.B.C.D|NUMBER>
```

ipv6 router ospf default area <A.B.C.D|NUMBER>

Description: Process tag

Syntax:

area	Area associated with interface
<i>A.B.C.D NUMBER</i>	OSPF area Id

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)# ipv6 router ospf default area <A.B.C.D|NUMBER>
```

ipv6 router ospf default area <A.B.C.D|NUMBER>

Description: Process tag

Syntax:

area	Area associated with interface
<i>A.B.C.D NUMBER</i>	OSPF area Id

Command Mode: interface vlan : Vlan interface

Command Path:

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface vlan <1-4094>
(config-leaf-if)# ipv6 router ospf default area <A.B.C.D|NUMBER>
```

ipv6 router ospf default area <A.B.C.D|NUMBER>

Description: Process tag

Syntax:

area	Area associated with interface
<i>A.B.C.D NUMBER</i>	OSPF area 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)# ipv6 router ospf default area <A.B.C.D|NUMBER>
```

ipv6 router ospf default area <A.B.C.D|NUMBER>

Description: Process tag

Syntax:

area	Area associated with interface
<i>A.B.C.D NUMBER</i>	OSPF area Id

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)# ipv6 router ospf default area <A.B.C.D|NUMBER>
```

ipv6 shared address consumer

ipv6 shared address <A:B::C:D/LEN> consumer application any epg any

Description: Shared consumed service

Syntax:

address	IPv6 subnet
<i>A:B::C:D/LEN</i>	IPv6 prefix format: xxxx:xxxx/ml, xxxx:xxxx::/ml, xxxx::xx/128
application	application keyword
any	any application
epg	epg keyword
any	any EPG

Command Mode: interface : Configuration for interface bridge-domain

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# interface bridge-domain <WORD>
(config-tenant-interface)# ipv6 shared address <A:B::C:D/LEN> consumer application any epg
any
```

ipv6 shared address provider

ipv6 shared address <A:B::C:D/LEN> provider application <WORD> epg <WORD> [scope <scope>]

Description: Shared provider service

Syntax:

address	IPv6 subnet
<i>A:B::C:D/LEN</i>	IPv6 prefix format: xxxx:xxxx/ml, xxxx:xxxx::/ml, xxxx::xx/128
application	application keyword
<i>WORD</i>	Application Name (Max Size 64)
epg	epg keyword
<i>WORD</i>	Application EPG (Max Size 64)
<i>scope</i>	(Optional) Scope of the address among ['public']

Command Mode: interface : Configuration for interface bridge-domain

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# interface bridge-domain <WORD>
(config-tenant-interface)# ipv6 shared address <A:B::C:D/LEN> provider application <WORD>
epg <WORD> [scope <scope>]
```


ipv6 split-horizon

ipv6 split-horizon eigrp default

Description: Set EIGRP split-horizon flag

Syntax:

eigrp	EIGRP
default	EIGRP default instance

Command Mode: interface vlan : Vlan interface

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface vlan <1-4094>
(config-leaf-if)# ipv6 split-horizon eigrp default
```

ipv6 split-horizon eigrp default

Description: Set EIGRP split-horizon flag

Syntax:

eigrp	EIGRP
default	EIGRP default instance

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)# ipv6 split-horizon eigrp default
```

ipv6 split-horizon eigrp default

Description: Set EIGRP split-horizon flag

Syntax:

eigrp	EIGRP
default	EIGRP default instance

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)# ipv6 split-horizon eigrp default
```

ipv6 split-horizon eigrp default

Description: Set EIGRP split-horizon flag

Syntax:

eigrp	EIGRP
default	EIGRP default instance

Command Mode: interface vlan : Vlan interface

Command Path:

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface vlan <1-4094>
(config-leaf-if)# ipv6 split-horizon eigrp default
```

ipv6 split-horizon eigrp default

Description: Set EIGRP split-horizon flag

Syntax:

eigrp	EIGRP
default	EIGRP default instance

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)# ipv6 split-horizon eigrp default
```

ipv6 split-horizon eigrp default

Description: Set EIGRP split-horizon flag

Syntax:

eigrp	EIGRP
default	EIGRP default instance

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)# ipv6 split-horizon eigrp default
```

ipv6 summary-address eigrp

ipv6 summary-address eigrp default <IP-PREFIX/LEN>

Description: Configure route summarization for EIGRP

Syntax:

default	EIGRP default instance
<i>IP-PREFIX/LEN</i>	Summary IPV6 address (e.g. 2001:0DB8:0:1::/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)# ipv6 summary-address eigrp default <IP-PREFIX/LEN>
```

ipv6 summary-address eigrp default <IP-PREFIX/LEN>

Description: Configure route summarization for EIGRP

Syntax:

default	EIGRP default instance
<i>IP-PREFIX/LEN</i>	Summarized IPV6 address (e.g. 2001:0DB8:0:1::/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)# ipv6 summary-address eigrp default <IP-PREFIX/LEN>
```

ipv6 summary-address eigrp default <IP-PREFIX/LEN>

Description: Configure route summarization for EIGRP

Syntax:

default	EIGRP default instance
<i>IP-PREFIX/LEN</i>	Summarized IPV6 address (e.g. 2001:0DB8:0:1::/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)# ipv6 summary-address eigrp default <IP-PREFIX/LEN>
```

ipv6 summary-address eigrp default <IP-PREFIX/LEN>

Description: Configure route summarization for EIGRP

Syntax:

default	EIGRP default instance
<i>IP-PREFIX/LEN</i>	Summary IPV6 address (e.g. 2001:0DB8:0:1::/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)# ipv6 summary-address eigrp default <IP-PREFIX/LEN>
```

ipv6 summary-address eigrp default <IP-PREFIX/LEN>

Description: Configure route summarization for EIGRP

Syntax:

default	EIGRP default instance
<i>IP-PREFIX/LEN</i>	Summarized IPV6 address (e.g. 2001:0DB8:0:1::/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)# ipv6 summary-address eigrp default <IP-PREFIX/LEN>
```

ipv6 summary-address eigrp default <IP-PREFIX/LEN>

Description: Configure route summarization for EIGRP

Syntax:

default	EIGRP default instance
<i>IP-PREFIX/LEN</i>	Summarized IPV6 address (e.g. 2001:0DB8:0:1::/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)# ipv6 summary-address eigrp default <IP-PREFIX/LEN>
```

ipv6 throughput-delay

ipv6 throughput-delay eigrp default <NUMBER> tens-of-micro|pico

Description: Set EIGRP throughput delay

Syntax:

eigrp	EIGRP
default	EIGRP default instance
<0-16777215>	Throughput delay. Number range from=0 to=16777215
tens-of-micro	Unit in 10-microseconds
pico	Unit in picoseconds

Command Mode: interface vlan : Vlan interface

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface vlan <1-4094>
(config-leaf-if)# ipv6 throughput-delay eigrp default <NUMBER> tens-of-micro|pico
```

ipv6 throughput-delay eigrp default <NUMBER> tens-of-micro|pico

Description: Set EIGRP throughput delay

Syntax:

eigrp	EIGRP
default	EIGRP default instance
<0-16777215>	Throughput delay. Number range from=0 to=16777215
tens-of-micro	Unit in 10-microseconds
pico	Unit in picoseconds

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)# ipv6 throughput-delay eigrp default <NUMBER> tens-of-micro|pico
```

ipv6 throughput-delay eigrp default <NUMBER> tens-of-micro|pico

Description: Set EIGRP throughput delay

Syntax:

eigrp	EIGRP
default	EIGRP default instance
<0-16777215>	Throughput delay. Number range from=0 to=16777215
tens-of-micro	Unit in 10-microseconds
pico	Unit in picoseconds

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)# ipv6 throughput-delay eigrp default <NUMBER> tens-of-micro|pico
```

ipv6 throughput-delay eigrp default <NUMBER> tens-of-micro|pico

Description: Set EIGRP throughput delay

Syntax:

eigrp	EIGRP
default	EIGRP default instance
<0-16777215>	Throughput delay. Number range from=0 to=16777215
tens-of-micro	Unit in 10-microseconds
pico	Unit in picoseconds

Command Mode: interface vlan : Vlan interface

Command Path:

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface vlan <1-4094>
(config-leaf-if)# ipv6 throughput-delay eigrp default <NUMBER> tens-of-micro|pico
```

ipv6 throughput-delay eigrp default <NUMBER> tens-of-micro|pico

Description: Set EIGRP throughput delay

Syntax:

eigrp	EIGRP
default	EIGRP default instance
<0-16777215>	Throughput delay. Number range from=0 to=16777215
tens-of-micro	Unit in 10-microseconds
pico	Unit in picoseconds

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)# ipv6 throughput-delay eigrp default <NUMBER> tens-of-micro|pico
```

ipv6 throughput-delay eigrp default <NUMBER> tens-of-micro|pico

Description: Set EIGRP throughput delay

Syntax:

eigrp	EIGRP
default	EIGRP default instance
<0-16777215>	Throughput delay. Number range from=0 to=16777215
tens-of-micro	Unit in 10-microseconds
pico	Unit in picoseconds

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)# ipv6 throughput-delay eigrp default <NUMBER> tens-of-micro|pico
```

isis

isis fabric

Description: Intermediate System to Intermediate System (IS-IS)

Syntax:

fabric	Fabric IS-IS configuration
--------	----------------------------

Command Mode: pod : Pod configuration mode

Command Path:

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

isis bfd

isis bfd enabled

Description: bfd configuration

Syntax:

enabled	
---------	--

Command Mode: fabric-interface ethernet : Ethernet IEEE 802.3z

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# fabric-interface ethernet
(config-leaf-if)# isis bfd enabled
```

isis bfd enabled

Description: bfd configuration

Syntax:

enabled	
---------	--

Command Mode: fabric-interface ethernet : Ethernet IEEE 802.3z

Command Path:

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# fabric-interface ethernet
(config-leaf-if)# isis bfd enabled
```

isolation

isolation enforce

Description: Enable EPG isolation

Syntax:

enforce	Enable enforcing of policy-control rules (EPG isolation)
---------	--

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)# isolation enforce
```