



## N Commands

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# name-alias

## name-alias <WORD>

**Description:** Add an Alias to a tenant

**Syntax:**

<i>WORD</i>	Alias Of the mo (Max Size 63)
-------------	-------------------------------

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

**Command Path:**

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

## name-alias <WORD>

**Description:** Add an Alias to a access-list

**Syntax:**

<i>WORD</i>	Alias Of the mo (Max Size 63)
-------------	-------------------------------

**Command Mode:** access-list : Create access-list

**Command Path:**

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# access-list <WORD>
(config-tenant-acl)# name-alias <WORD>
```

## name-alias <WORD>

**Description:** Add an Alias to a contract

**Syntax:**

<i>WORD</i>	Alias Of the mo (Max Size 63)
-------------	-------------------------------

**Command Mode:** contract : Configure binary contracts between Application EPGs

**Command Path:**

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# contract <WORD> [type <type>]
(config-tenant-contract)# name-alias <WORD>
```

**name-alias <WORD>****Description:** Add an Alias to a subject**Syntax:**

<i>WORD</i>	Alias Of the mo (Max Size 63)
-------------	-------------------------------

**Command Mode:** subject : Configuration a subject on the contract**Command Path:**

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# contract <WORD> [type <type>]
(config-tenant-contract)# subject <WORD>
(config-tenant-contract-subj)# name-alias <WORD>
```

**name-alias <WORD>****Description:** Add an Alias to vrf**Syntax:**

<i>WORD</i>	Alias Of the mo (Max Size 63)
-------------	-------------------------------

**Command Mode:** vrf : Configuration for vrf**Command Path:**

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

**name-alias <WORD>****Description:** Add an Alias to l3out**Syntax:**

<i>WORD</i>	Alias Of the mo (Max Size 63)
-------------	-------------------------------

**Command Mode:** l3out : Configuration for L3Out**Command Path:**

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# l3out <WORD>
(config-tenant-l3out)# name-alias <WORD>
```

**name-alias <WORD>****Description:** Add an Alias to a bridge-domain

**Syntax:**

<i>WORD</i>	Alias Of the mo (Max Size 63)
-------------	-------------------------------

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

**Command Path:**

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

**name-alias <WORD>**

**Description:** Add an Alias to Application profile

**Syntax:**

<i>WORD</i>	Alias Of the mo (Max Size 63)
-------------	-------------------------------

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

**Command Path:**

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

**name-alias <WORD>**

**Description:** Add an Alias to EPG

**Syntax:**

<i>WORD</i>	Alias (Max Size 63)
-------------	---------------------

**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)# name-alias <WORD>
```

**name-alias <WORD>**

**Description:** Add an Alias to I3out

**Syntax:**

<i>WORD</i>	Alias Of the mo (Max Size 63)
-------------	-------------------------------

**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)# name-alias <WORD>
```

# name-lookup

## name-lookup

**Description:** Display OSPF router ids as DNS names

**Command Mode:** template ospf vrf-policy : Configure Router OSPF Timer Policy Templates

**Command Path:**

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# template ospf vrf-policy <WORD> tenant <WORD>
(config-vrf-policy)# name-lookup
```

## name-lookup

**Description:** Display OSPF router ids as DNS names

**Command Mode:** template ospf vrf-policy : Configure Router OSPF Timer Policy Templates

**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# template ospf vrf-policy <WORD> tenant <WORD>
(config-vrf-policy)# name-lookup
```

# name

## name <WORD>

**Description:** Configure the name for this key for easy identification

**Syntax:**

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

**Command Mode:** key : Configure CKN as hex string of max 64 characters

**Command Path:**

```
# configure [['terminal', 't']]
(config)# template macsec access|fabric keychain <WORD>
(config-macsec-keychain)# key <WORD>
(config-macsec-keychain-key)# name <WORD>
```

## name <WORD>

**Description:** Redundancy name string

**Syntax:**

<i>WORD</i>	Name string (Max Size 250)
-------------	----------------------------

**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)# name <WORD>
```

## name <WORD>

**Description:** Redundancy name string

**Syntax:**

<i>WORD</i>	Name string (Max Size 250)
-------------	----------------------------

**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)# name <WORD>
```

**name <WORD>**

**Description:** Redundancy name string

**Syntax:**

<i>WORD</i>	Name string (Max Size 250)
-------------	----------------------------

**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)# name <WORD>
```

**name <WORD>**

**Description:** Redundancy name string

**Syntax:**

<i>WORD</i>	Name string (Max Size 250)
-------------	----------------------------

**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)# name <WORD>
```

# negotiate

## negotiate auto|auto-on-enforce

**Description:** Configure link negotiation parameters

**Syntax:**

auto	Configure auto-negotiation on
auto-on-enforce	Configure auto on-enforce

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

**Command Path:**

```
# configure [['terminal', 't']]
(config)# template policy-group <WORD>
(config-pol-grp-if)# negotiate auto|auto-on-enforce
```

## negotiate auto|auto-on-enforce

**Description:** Configure link negotiation parameters

**Syntax:**

auto	Configure auto-negotiation on
auto-on-enforce	Configure auto on-enforce

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

**Command Path:**

```
# configure [['terminal', 't']]
(config)# template port-channel <WORD>
(config-po-ch-if)# negotiate auto|auto-on-enforce
```

## negotiate auto|auto-on-enforce

**Description:** Configure link negotiation parameters

**Syntax:**

auto	Configure auto-negotiation on
auto-on-enforce	Configure auto on-enforce

**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)# negotiate auto|auto-on-enforce
```

**negotiate auto|auto-on-enforce****Description:** Configure link negotiation parameters**Syntax:**

auto	Configure auto-negotiation on
auto-on-enforce	Configure auto on-enforce

**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)# negotiate auto|auto-on-enforce
```

**negotiate auto|auto-on-enforce****Description:** Configure link negotiation parameters**Syntax:**

auto	Configure auto-negotiation on
auto-on-enforce	Configure auto on-enforce

**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)# negotiate auto|auto-on-enforce
```

**negotiate auto|auto-on-enforce****Description:** Configure link negotiation parameters**Syntax:**

auto	Configure auto-negotiation on
auto-on-enforce	Configure auto on-enforce

**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)# negotiate auto|auto-on-enforce
```

### negotiate auto|auto-on-enforce

**Description:** Configure link negotiation parameters

**Syntax:**

auto	Configure auto-negotiation on
auto-on-enforce	Configure auto on-enforce

**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)# negotiate auto|auto-on-enforce
```

### negotiate auto|auto-on-enforce

**Description:** Configure link negotiation parameters

**Syntax:**

auto	Configure auto-negotiation on
auto-on-enforce	Configure auto on-enforce

**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)# negotiate auto|auto-on-enforce
```

# neighbor-discovery

## neighbor-discovery

**Description:** Config trust neighbor discovery protocol 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)# neighbor-discovery
```

# neighbor

**neighbor** *A.B.C.D|A.B.C.D/LEN|A:B::C:D|A:B::C:D/LEN* [*evpn*] [*l3out* <*WORD*>]

**Description:** Configure a BGP neighbor

**Syntax:**

<i>A.B.C.D</i>	IP address of the neighbor
<i>A.B.C.D/LEN</i>	IP prefix for neighbors
<i>A:B::C:D</i>	IPv6 address of the neighbor
<i>A:B::C:D/LEN</i>	IPv6 prefix for neighbors
<i>evpn</i>	(Optional) Make this a shared EVPN BGP session for GOLF/MPLS
<i>WORD</i>	(Optional) Route-Map Name (API-configured L3Out Name)

**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)# neighbor A.B.C.D|A.B.C.D/LEN|A:B::C:D|A:B::C:D/LEN [evpn] [l3out
<WORD>]
```

**neighbor** *A.B.C.D|A.B.C.D/LEN|A:B::C:D|A:B::C:D/LEN* [*evpn*] [*l3out* <*WORD*>]

**Description:** Configure a BGP neighbor

**Syntax:**

<i>A.B.C.D</i>	IP address of the neighbor
<i>A.B.C.D/LEN</i>	IP prefix for neighbors
<i>A:B::C:D</i>	IPv6 address of the neighbor
<i>A:B::C:D/LEN</i>	IPv6 prefix for neighbors
<i>evpn</i>	(Optional) Make this a shared EVPN BGP session for GOLF/MPLS
<i>WORD</i>	(Optional) Route-Map Name (API-configured L3Out Name)

**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)# neighbor A.B.C.D|A.B.C.D/LEN|A:B::C:D|A:B::C:D/LEN [evpn] [l3out
<WORD>]
```

# network

## 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:** template ospf interface-policy : Configure OSPF Interface Policy Templates

**Command Path:**

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# template ospf interface-policy <WORD> tenant <WORD>
(config-interface-policy)# network bcast|p2p|unspecified
```

## 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:** template ospf interface-policy : Configure OSPF Interface Policy Templates

**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# template ospf interface-policy <WORD> tenant <WORD>
(config-interface-policy)# network bcast|p2p|unspecified
```

# next-hop-self

## next-hop-self

**Description:** Set our peering address as nexthop

**Command Mode:** neighbor : Configure a BGP neighbor

### Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# router bgp <fabric-ASN>
(config-leaf-bgp)# vrf member tenant <WORD> vrf <WORD>
(config-leaf-bgp-vrf)# neighbor A.B.C.D|A.B.C.D/LEN|A:B::C:D|A:B::C:D/LEN [evpn] [l3out
<WORD>]
(config-leaf-bgp-vrf-neighbor)# next-hop-self
```

## next-hop-self

**Description:** Set our peering address as nexthop

**Command Mode:** neighbor : Configure a BGP neighbor

### Command Path:

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# router bgp <fabric-ASN>
(config-leaf-bgp)# vrf member tenant <WORD> vrf <WORD>
(config-leaf-bgp-vrf)# neighbor A.B.C.D|A.B.C.D/LEN|A:B::C:D|A:B::C:D/LEN [evpn] [l3out
<WORD>]
(config-leaf-bgp-vrf-neighbor)# next-hop-self
```

# nicprof-vlan-preserve

**nicprof-vlan-preserve** <nicProfVlanPrsv>

**Description:** NIC Profile VLAN Preserve Mode

**Syntax:**

<nicProfVlanPrsv>	NIC Profile VLAN Preserve Mode
-------------------	--------------------------------

**Command Mode:** integrations-mgr : Integrations Manager

**Command Path:**

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

# nlb static-group

**nlb static-group** E.E.E|EE-EE-EE-EE-EE-EE|EE:EE:EE:EE:EE:EE|EEEE.EEEE.EEEE

**Description:** Static group Configuration for EpNlb

**Syntax:**

<i>E.E.E</i>	MAC address (Option 1)
<i>EE-EE-EE-EE-EE-EE</i>	MAC address (Option 2)
<i>EE:EE:EE:EE:EE:EE</i>	MAC address (Option 3)
<i>EEEE.EEEE.EEEE</i>	MAC address (Option 4)

**Command Mode:** epg : AEPg configuration mode

**Command Path:**

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# application <WORD>
(config-tenant-app)# epg <WORD> [type <WORD>]
(config-tenant-app-epg)# nlb static-group
E.E.E|EE-EE-EE-EE-EE-EE|EE:EE:EE:EE:EE:EE|EEEE.EEEE.EEEE
```

# nlb static-group leaf interface ethernet ethernet vlan

**nlb static-group** *E.E.E|EE-EE-EE-EE-EE-EE|EE:EE:EE:EE:EE:EE|EEEE.EEEE.EEEE* leaf **<WORD>** interface ethernet ethernet **<slot>/<port>** vlan **<VLAN>**

**Description:** Encap VLAN

**Syntax:**

<i>E.E.E</i>	MAC address (Option 1)
<i>EE-EE-EE-EE-EE-EE</i>	MAC address (Option 2)
<i>EE:EE:EE:EE:EE:EE</i>	MAC address (Option 3)
<i>EEEE.EEEE.EEEE</i>	MAC address (Option 4)
<i>WORD</i>	Leaf Number (Max Size 4000). Number range from=0 to=9223372036854775807
interface	Interface keyword
<i>ethernet &lt;slot&gt;/&lt;port&gt;</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)# nlb static-group
E.E.E|EE-EE-EE-EE-EE-EE|EE:EE:EE:EE:EE:EE|EEEE.EEEE.EEEE leaf <WORD> interface ethernet
ethernet <slot>/<port> vlan <VLAN>
```

## nlb static-group leaf interface port-channel vlan

**nlb static-group** *E.E.E|EE-EE-EE-EE-EE-EE|EE:EE:EE:EE:EE:EE|EEEE.EEEE.EEEE* leaf <WORD> interface port-channel <WORD> [fex <NUMBER>] vlan <VLAN>

**Description:** Encap VLAN

**Syntax:**

<i>E.E.E</i>	MAC address (Option 1)
<i>EE-EE-EE-EE-EE-EE</i>	MAC address (Option 2)
<i>EE:EE:EE:EE:EE:EE</i>	MAC address (Option 3)
<i>EEEE.EEEE.EEEE</i>	MAC address (Option 4)
<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)# nlb static-group
E.E.E|EE-EE-EE-EE-EE-EE|EE:EE:EE:EE:EE:EE|EEEE.EEEE.EEEE leaf <WORD> interface port-channel
<WORD> [fex <NUMBER>] vlan <VLAN>
```

# nlb static-group vpc context interface vpc vlan

**nlb static-group** *E.E.E*|*EE-EE-EE-EE-EE-EE*|*EE:EE:EE:EE:EE:EE*|*EEEE.EEEE.EEEE* vpc context <WORD> <WORD>  
**interface vpc** <WORD> [*fex* <fex>] vlan <VLAN>

**Description:** Encap VLAN

**Syntax:**

<i>E.E.E</i>	MAC address (Option 1)
<i>EE-EE-EE-EE-EE-EE</i>	MAC address (Option 2)
<i>EE:EE:EE:EE:EE:EE</i>	MAC address (Option 3)
<i>EEEE.EEEE.EEEE</i>	MAC address (Option 4)
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)# nlb static-group
E.E.E|EE-EE-EE-EE-EE-EE|EE:EE:EE:EE:EE:EE|EEEE.EEEE.EEEE vpc context <WORD> <WORD> interface
vpc <WORD> [fex <fex>] vlan <VLAN>
```

# node-control

**node-control policy <WORD>**

**Description:** Create a Node Control Policy

**Syntax:**

policy	Create a node control policy
<i>WORD</i>	Node control policy name (Max Size 64)

**Command Mode:** configure : Configuration Mode

**Command Path:**

```
# configure [['terminal', 't']]
(config)# node-control policy <WORD>
```

# nodeprofile

**nodeprofile** <arg>

**Description:** L3out logical node profile name

**Syntax:**

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

**Command Mode:** l3out : Configuration for L3Out

**Command Path:**

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# l3out <WORD>
(config-tenant-l3out)# nodeprofile <>
```

# npv

## npv auto-load-balance disruptive

**Description:** Configure auto load balancing on the switch

**Syntax:**

auto-load-balance	Configure auto load balancing
disruptive	Configure disruptive load balancing

**Command Mode:** template fc-leaf-policy : Configure FC Leaf Policy(Max Size 64)

**Command Path:**

```
# configure [['terminal', 't']]
(config)# template fc-leaf-policy <WORD>
(config-fc-leaf-policy)# npv auto-load-balance disruptive
```

# npv auto-load-balance

## npv auto-load-balance disruptive

**Description:** Configure auto load balancing

**Syntax:**

disruptive	Configure disruptive load balancing
------------	-------------------------------------

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

**Command Path:**

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# npv auto-load-balance disruptive
```

## npv auto-load-balance disruptive

**Description:** Configure auto load balancing

**Syntax:**

disruptive	Configure disruptive load balancing
------------	-------------------------------------

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

**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# npv auto-load-balance disruptive
```

# npv traffic-map external-interface fc-port-channel

**npv traffic-map external-interface fc-port-channel** <ifRange> tenant <WORD> label <WORD>

**Description:** FC Port Channel interface

**Syntax:**

<ifRange>	Port-channel name
tenant	Tenant name
WORD	Tenant hosting the pinning Profile (Max Size 63)
label	Pinning label
WORD	Pinning Profile Name (Max Size 64)

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

**Command Path:**

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# npv traffic-map external-interface fc-port-channel <ifRange> tenant <WORD>
label <WORD>
```

**npv traffic-map external-interface fc-port-channel** <ifRange> tenant <WORD> label <WORD>

**Description:** FC Port Channel interface

**Syntax:**

<ifRange>	Port-channel name
tenant	Tenant name
WORD	Tenant hosting the pinning Profile (Max Size 63)
label	Pinning label
WORD	Pinning Profile Name (Max Size 64)

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

**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# npv traffic-map external-interface fc-port-channel <ifRange> tenant <WORD>
label <WORD>
```

# npv traffic-map external-interface fc

**npv traffic-map external-interface fc** <ifRange> tenant <WORD> label <WORD>

**Description:** Virtual Fiber Channel interface

**Syntax:**

<ifRange>	interface Range
tenant	Tenant name
WORD	Tenant hosting the pinning Profile (Max Size 63)
label	Pinning label
WORD	Pinning Profile Name (Max Size 64)

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

**Command Path:**

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# npv traffic-map external-interface fc <ifRange> tenant <WORD> label <WORD>
```

**npv traffic-map external-interface fc** <ifRange> tenant <WORD> label <WORD>

**Description:** Virtual Fiber Channel interface

**Syntax:**

<ifRange>	interface Range
tenant	Tenant name
WORD	Tenant hosting the pinning Profile (Max Size 63)
label	Pinning label
WORD	Pinning Profile Name (Max Size 64)

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

**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# npv traffic-map external-interface fc <ifRange> tenant <WORD> label <WORD>
```

## npv traffic-map external-interface vfc-po

**npv traffic-map external-interface vfc-po** <ifRange> tenant <WORD> label <WORD>

**Description:** VFC Port Channel interface

**Syntax:**

<ifRange>	Port-channel name
tenant	Tenant name
WORD	Tenant hosting the pinning Profile (Max Size 63)
label	Pinning label
WORD	Pinning Profile Name (Max Size 64)

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

**Command Path:**

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# npv traffic-map external-interface vfc-po <ifRange> tenant <WORD> label
<WORD>
```

**npv traffic-map external-interface vfc-po** <ifRange> tenant <WORD> label <WORD>

**Description:** VFC Port Channel interface

**Syntax:**

<ifRange>	Port-channel name
tenant	Tenant name
WORD	Tenant hosting the pinning Profile (Max Size 63)
label	Pinning label
WORD	Pinning Profile Name (Max Size 64)

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

**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# npv traffic-map external-interface vfc-po <ifRange> tenant <WORD> label
<WORD>
```

# npv traffic-map external-interface vfc

**npv traffic-map external-interface vfc** <ifRange> tenant <WORD> label <WORD>

**Description:** Virtual Fiber Channel interface

**Syntax:**

<ifRange>	interface Range
tenant	Tenant name
WORD	Tenant hosting the pinning Profile (Max Size 63)
label	Pinning label
WORD	Pinning Profile Name (Max Size 64)

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

**Command Path:**

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# npv traffic-map external-interface vfc <ifRange> tenant <WORD> label <WORD>
```

**npv traffic-map external-interface vfc** <ifRange> tenant <WORD> label <WORD>

**Description:** Virtual Fiber Channel interface

**Syntax:**

<ifRange>	interface Range
tenant	Tenant name
WORD	Tenant hosting the pinning Profile (Max Size 63)
label	Pinning label
WORD	Pinning Profile Name (Max Size 64)

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

**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# npv traffic-map external-interface vfc <ifRange> tenant <WORD> label <WORD>
```

## npv traffic-map server-interface fc

**npv traffic-map server-interface fc <ifRange> label <WORD> tenant <WORD> application <WORD> epg <WORD>**

**Description:** Fiber Channel interface

**Syntax:**

<ifRange>	interface Range
label	Pinning label
WORD	Pinning Label Name (Max Size 64)
tenant	Tenant name
WORD	Tenant hosting the pinning Label (Max Size 63)
application	Add an AEPg as static encap
WORD	Application Name (Max Size 64)
epg	EPg that uses the statically enabled Encap
WORD	EPg that uses the statically enabled Encap (Max Size 64)

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

**Command Path:**

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# npv traffic-map server-interface fc <ifRange> label <WORD> tenant <WORD>
application <WORD> epg <WORD>
```

**npv traffic-map server-interface fc <ifRange> label <WORD> tenant <WORD> application <WORD> epg <WORD>**

**Description:** Fiber Channel interface

**Syntax:**

<ifRange>	interface Range
label	Pinning label
WORD	Pinning Label Name (Max Size 64)
tenant	Tenant name
WORD	Tenant hosting the pinning Label (Max Size 63)
application	Add an AEPg as static encap

<i>WORD</i>	Application Name (Max Size 64)
epg	EPg that uses the statically enabled Encap
<i>WORD</i>	EPg that uses the statically enabled Encap (Max Size 64)

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

**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# npv traffic-map server-interface fc <ifRange> label <WORD> tenant <WORD>
application <WORD> epg <WORD>
```

## npv traffic-map server-interface vfc-po

**npv traffic-map server-interface vfc-po <WORD> label <WORD> tenant <WORD> application <WORD> epg <WORD>**

**Description:** VFC Port Channel interface

**Syntax:**

<i>WORD</i>	Port-Channel Name (Max Size 64)
label	Pinning label
<i>WORD</i>	Pinning Label Name (Max Size 64)
tenant	Tenant name
<i>WORD</i>	Tenant hosting the pinning Label (Max Size 63)
application	Add an AEPg as static encap
<i>WORD</i>	Application Name (Max Size 64)
epg	EPg that uses the statically enabled Encap
<i>WORD</i>	EPg that uses the statically enabled Encap (Max Size 64)

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

**Command Path:**

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# npv traffic-map server-interface vfc-po <WORD> label <WORD> tenant <WORD>
application <WORD> epg <WORD>
```

**npv traffic-map server-interface vfc-po <WORD> label <WORD> tenant <WORD> application <WORD> epg <WORD>**

**Description:** VFC Port Channel interface

**Syntax:**

<i>WORD</i>	Port-Channel Name (Max Size 64)
label	Pinning label
<i>WORD</i>	Pinning Label Name (Max Size 64)
tenant	Tenant name
<i>WORD</i>	Tenant hosting the pinning Label (Max Size 63)
application	Add an AEPg as static encap

<i>WORD</i>	Application Name (Max Size 64)
epg	EPg that uses the statically enabled Encap
<i>WORD</i>	EPg that uses the statically enabled Encap (Max Size 64)

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

**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# npv traffic-map server-interface vfc-po <WORD> label <WORD> tenant <WORD>
application <WORD> epg <WORD>
```

## npv traffic-map server-interface vfc

**npv traffic-map server-interface vfc** <ifRange> label <WORD> tenant <WORD> application <WORD> epg <WORD>

**Description:** Virtual Fiber Channel interface

**Syntax:**

<ifRange>	interface Range
label	Pinning label
WORD	Pinning Label Name (Max Size 64)
tenant	Tenant name
WORD	Tenant hosting the pinning Label (Max Size 63)
application	Add an AEPg as static encap
WORD	Application Name (Max Size 64)
epg	EPg that uses the statically enabled Encap
WORD	EPg that uses the statically enabled Encap (Max Size 64)

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

**Command Path:**

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# npv traffic-map server-interface vfc <ifRange> label <WORD> tenant <WORD>
application <WORD> epg <WORD>
```

**npv traffic-map server-interface vfc** <ifRange> label <WORD> tenant <WORD> application <WORD> epg <WORD>

**Description:** Virtual Fiber Channel interface

**Syntax:**

<ifRange>	interface Range
label	Pinning label
WORD	Pinning Label Name (Max Size 64)
tenant	Tenant name
WORD	Tenant hosting the pinning Label (Max Size 63)
application	Add an AEPg as static encap

<i>WORD</i>	Application Name (Max Size 64)
epg	EPg that uses the statically enabled Encap
<i>WORD</i>	EPg that uses the statically enabled Encap (Max Size 64)

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

**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# npv traffic-map server-interface vfc <ifRange> label <WORD> tenant <WORD>
application <WORD> epg <WORD>
```

# nsx

**nsx <arg>**

**Description:** Configure Nsx Manager in the VMware domain

**Syntax:**

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

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

**Command Path:**

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

# ntp

## ntp

**Description:** Configure the default ntp policy

**Command Mode:** pod : Pod configuration mode

**Command Path:**

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

# numlinks

**numlinks** <NUMBER>

**Description:** Set maximum number of uplinks

**Syntax:**

<numLinks>	Maximum number of uplinks. Number range from=2 to=8
------------	---

**Command Mode:** enhancedlACP : Configure Enhanced LACP mode on DVS uplink ports

**Command Path:**

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