



## V Commands

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# validate-json

| validate-json

## Syntax Description

	Pipe command output to filter
validate-json	validate json output according to .xsd definitions

## Command Mode

- /output

# validate-xml

| validate-xml

## Syntax Description

	Pipe command output to filter
validate-xml	validate an xml output according to .xsd definitions

## Command Mode

- /output

# validate-xml

| validate-xml

## Syntax Description

	Pipe command output to filter
validate-xml	validate an xml output according to .xsd definitions

## Command Mode

- /output

# vdc

[no] vdc <e-vdc> [ force ]

## Syntax Description

no	Negate a command or set its defaults
vdc	Manage Virtual Device Context
<i>e-vdc</i>	Enter Virtual Device Context <vdc-id>
force	(Optional) Force ungraceful cleanup

## Command Mode

- /exec/configure

# vdc

```
vdc <e-vdc> [ id <new_id> ] [ type <vtype> ]
```

## Syntax Description

vdc	Manage Virtual Device Context
<i>e-vdc</i>	Enter Virtual Device Context <vdc-id>
id	(Optional) force this vdc into a specific id
<i>new_id</i>	(Optional) force this vdc into a specific id
type	(Optional) Create vdc with a special set of services
<i>vtype</i>	(Optional) type of vdc

## Command Mode

- /exec/configure



# vdc combined-hostname

[no] vdc combined-hostname

## Syntax Description

no	(Optional) Negate a command or set its defaults
vdc	Manage Virtual Device Context
combined-hostname	The hostname of non-default vdc's will be <default vdc name>-<nondefault vdc name>

## Command Mode

- /exec/configure

# vdc\_id

[no] vdc\_id <id>

## Syntax Description

no	Negate a command or set its defaults
vdc_id	Manage Virtual Device Context
<i>id</i>	Enter Virtual Device Context <vdc-id>

## Command Mode

- /exec/configure

# vdc resource template

[no] vdc resource template { <name> | <res-mgr-template-known-name> }

## Syntax Description

no	(Optional) Negate a command or set its defaults
vdc	Manage Virtual Device Context
resource	Configure resource template
template	Configure resource template
<i>name</i>	Resource template name
<i>res-mgr-template-known-name</i>	Resource template name

## Command Mode

- /exec/configure

# vdc suspend

vdc <en-vdc> suspend

## Syntax Description

vdc	Manage Virtual Device Context
<i>en-vdc</i>	Enter Virtual Device Context <vdc-id>
suspend	Put the vdc in a paused state. When resumed vdc will come up with its startup config

## Command Mode

- /exec/configure

# vdc suspend

[no] vdc <en-vdc> suspend

## Syntax Description

vdc	Manage Virtual Device Context
<i>en-vdc</i>	Enter Virtual Device Context <vdc-id>
suspend	Put the vdc in a paused stated. When resumed vdc will use its startup config

## Command Mode

- /exec/configure

## vdp dot1q default static

```
{ vdp dot1q default { static <profile-name> | dynamic } } | { no vdp dot1q default }
```

### Syntax Description

no	Negate a command or set its defaults
vdp	VDP protocol triggers
static	Static Profile Map: Configure profile name via CLI
<i>profile-name</i>	Static Profile Map: Configure profile name via CLI
dynamic	Dynamic Profile Map: Retrieve profile name from the external server
dot1q	Dot1Q Encapsulation
default	Default (wildcard). Match any dot1q when there is no specific dot1q mapping configured

### Command Mode

- /exec/configure/profile-map /exec/configure/profile-map-global

## vdp dot1q static

```
{ vdp dot1q <vlan-id> { static <profile-name> | dynamic } } | { no vdp dot1q <vlan-id> }
```

### Syntax Description

no	Negate a command or set its defaults
vdp	VDP protocol triggers
static	Static Profile Map: Configure profile name via CLI
<i>profile-name</i>	Static Profile Map: Configure profile name via CLI
dynamic	Dynamic Profile Map: Retrieve profile name from the external server
dot1q	Dot1Q Encapsulation
<i>vlan-id</i>	

### Command Mode

- /exec/configure/profile-map /exec/configure/profile-map-global

## vdp vni default static

```
{ vdp vni default { static <profile-name> | dynamic } } | { no vdp vni default }
```

### Syntax Description

no	Negate a command or set its defaults
vdp	VDP protocol triggers
vni	Virtual Network Identifier
static	Static Profile Map: Configure profile name via CLI
dynamic	Dynamic Profile Map: Retrieve profile name from the external server
<i>profile-name</i>	Static Profile Map: Configure profile name via CLI
default	Default (wildcard). Match any vni when there is no specific vni mapping configured

### Command Mode

- /exec/configure/profile-map /exec/configure/profile-map-global



# vdp vni static

```
{ vdp vni <vni-id> { static <profile-name> | dynamic } } | { no vdp vni <vni-id> }
```

## Syntax Description

no	Negate a command or set its defaults
vdp	VDP protocol triggers
vni	Virtual Network Identifier
<i>vni-id</i>	
static	Static Profile Map: Configure profile name via CLI
dynamic	Dynamic Profile Map: Retrieve profile name from the external server
<i>profile-name</i>	Static Profile Map: Configure profile name via CLI

## Command Mode

- /exec/configure/profile-map /exec/configure/profile-map-global

# verify-data

```
{ { no | default } verify-data | verify-data }
```

## Syntax Description

no	
default	Set a command to its defaults
verify-data	Verify data

## Command Mode

- /exec/configure/ip-sla/udp /exec/configure/ip-sla/jitter /exec/configure/ip-sla/icmpEcho

# verify-host

{ verify-host | no verify-host }

## Syntax Description

no	Negate a command or set its defaults
verify-host	Verify host reachability - payload info mandatory

## Command Mode

- /exec/configure/configngoamconnectcheck

# verify

verify

## Syntax Description

verify	Verify the current configuration session
--------	------------------------------------------

## Command Mode

- /exec/configure

# verify profile

verify profile <all\_conf\_profile\_name> [ \_\_readonly\_\_ TABLE\_profile\_name <missing\_param> ]

## Syntax Description

verify	Verify the instance with a configuration profile
profile	Name of the configuration profile
<i>all_conf_profile_name</i>	Enter the name of configuration profile
<i>__readonly__</i>	(Optional)
<i>TABLE_profile_name</i>	(Optional)
<i>missing_param</i>	(Optional)

## Command Mode

- /exec/configure/param-inst

# verify verbose

verify verbose

## Syntax Description

verify	Verify the current configuration session
verbose	Verify the current configuration session with more details

## Command Mode

- /exec/configure

# version

[no] version <s0> [ <s1> ] [ <s2> ] [ <s3> ] [ <s4> ]

## Syntax Description

no	(Optional) Negate a command or set its defaults
version	Version info
s0	Version
s1	(Optional) Version1
s2	(Optional) Version2
s3	(Optional) Version3
s4	(Optional) Version4

## Command Mode

- /exec/configure

# version 9

version 9

## Syntax Description

version	Specify the export version
9	Version 9 Export

## Command Mode

- /exec/configure/nfm-exporter



# virtual-service

[no] virtual-service <virt\_serv\_name>

## Syntax Description

no	(Optional) Negate a command or set its defaults
virtual-service	Configure a virtual service
<i>virt_serv_name</i>	Virtual service name

## Command Mode

- /exec/configure

# virtual-service

[no] virtual-service

## Syntax Description

no	(Optional) Negate a command or set its defaults
virtual-service	Virtual service global settings

## Command Mode

- /exec/configure

# virtual-service

```
virtual-service { { install name <virt_serv_name> package <file_uri> [ media <target_media> ] } | { upgrade
name <virt_serv_name> package <file_uri> } | { uninstall name <virt_serv_name> } }
```

## Syntax Description

virtual-service	Virtualization manager actions
install	Add a virtual service to install database
upgrade	Upgrade a virtual service package to a different version
name	Name of the virtual service
<i>virt_serv_name</i>	Virtual service name
package	Package location
<i>file_uri</i>	File name (with .ova extension) for the virtual service
media	(Optional) Target media to use to explode the virtual service package
<i>target_media</i>	(Optional) Target media
uninstall	Remove a virtual service from the install database

## Command Mode

- /exec

# virtual-service move name log to

virtual-service move name <virt\_serv\_name> { log | core } to <dir\_uri>

## Syntax Description

virtual-service	Virtualization service actions
move	Move a virtual service log or core files
name	Name of the virtual service
<i>virt_serv_name</i>	Name of existing virtual service
log	Move log files
core	Move core files
to	Destination directory to move log or core files to
<i>dir_uri</i>	Destination directory name

## Command Mode

- /exec

# virtual-service reset force

virtual-service reset force

## Syntax Description

virtual-service	Virtualization service actions
reset	Virtualization reset commands
force	Force a non-recoverable reset of all virtualization files

## Command Mode

- /exec

## virtual IPv6

```
[no] virtual IPv6 { <ip-addr> { <prefix> | <netmask> } } [ ip | { { udp | tcp } { <port_num> | any } } ] [ {
advertise } { enable | disable } [ active ] [ device-group <dgrp_name> ]
```

### Syntax Description

no	(Optional) Negate a command or set its defaults
virtual	ITD virtual ip configuration
IPv6	ITD virtual IPv6
<i>prefix</i>	IPv6 prefix length
ip	(Optional) IP Protocol
udp	(Optional) UDP Protocol
tcp	(Optional) TCP Protocol
<i>port_num</i>	(Optional) Port Number
any	(Optional) Any Port Number
advertise	(Optional) advertise
enable	(Optional) Enable
disable	(Optional) Disable
active	(Optional) Advertise route on at least one node active
device-group	(Optional) device-group
<i>dgrp_name</i>	(Optional) VIP device-group name

### Command Mode

- /exec/configure/itd

## virtual IPv6

```
[no] virtual IPv6 { <ip-addr> { <prefix> | <netmask> } } [ ip | { { udp | tcp } { <port_num> | any } } ] [ { arp | advertise } { enable | disable } ] [ device-group <group-name> ]
```

### Syntax Description

no	(Optional) Negate a command or set its defaults
virtual	Configure Virtual IP of server nodes for redirection
IPv6	IPv6 address
<i>prefix</i>	IPV6 prefix length
ip	(Optional) IP address
udp	(Optional) UDP port
tcp	(Optional) TCP port
<i>port_num</i>	(Optional) Port Number
any	(Optional) Any Port Number
arp	(Optional) ARP
advertise	(Optional) advertise
enable	(Optional) Enable
disable	(Optional) Disable
device-group	(Optional) Specify device group mapped to VIP
<i>group-name</i>	(Optional) Device-group name mapped to VIP

### Command Mode

- /exec/configure/plb

# virtual ip

```
[no] virtual ip { <ip-addr> <ip-mask> } [ ip | { { udp | tcp } { <port_num> | any } } ] [ { advertise } { enable | disable } [ active ] ] [ device-group <dgrp_name> ]
```

## Syntax Description

no	(Optional) Negate a command or set its defaults
virtual	ITD virtual ip configuration
ip	ITD virtual ip
<i>ip-addr</i>	IP address in format i.i.i.i
<i>ip-mask</i>	IP network mask in format m.m.m.m
ip	(Optional) IP Protocol
udp	(Optional) UDP Protocol
tcp	(Optional) TCP Protocol
<i>port_num</i>	(Optional) Port Number
any	(Optional) Any Port Number
advertise	(Optional) advertise
enable	(Optional) Enable
disable	(Optional) Disable
active	(Optional) Advertise route on at least one node active
device-group	(Optional) device-group
<i>dgrp_name</i>	(Optional) VIP device-group name

## Command Mode

- /exec/configure/itd



# virtual ip

```
[no] virtual ip { <ip-addr> <ip-mask> } [ ip | { { udp | tcp } { <port_num> | any } } ] [ { arp | advertise } { enable | disable } ] [ device-group <group-name> ]
```

## Syntax Description

no	(Optional) Negate a command or set its defaults
virtual	Configure Virtual IP of server nodes for redirection
ip	IPv4 address
<i>ip-addr</i>	IPv4 prefix in format i.i.i.i
<i>ip-mask</i>	IPv4 prefix mask in format m.m.m.m
ip	(Optional) IPv4 address
udp	(Optional) UDP port
tcp	(Optional) TCP port
<i>port_num</i>	(Optional) Port Number
any	(Optional) Any Port Number
arp	(Optional) ARP
advertise	(Optional) advertise
enable	(Optional) Enable
disable	(Optional) Disable
device-group	(Optional) Specify device group mapped to VIP
<i>group-name</i>	(Optional) Device-group name mapped to VIP

## Command Mode

- /exec/configure/plb

# vlan-consistency-check

[no] vlan-consistency-check

## Syntax Description

no	(Optional) Negate a command or set its defaults
vlan-consistency-check	enable vlan consistency check

## Command Mode

- /exec/configure/evpn-esi-mh

# vlan-pruning enable

vlan-pruning enable | no vlan-pruning enable

## Syntax Description

no	Negate a command or set its defaults
vlan-pruning	Configure Vlan-pruning feature
enable	Set the mode for vlan-pruning

## Command Mode

- /exec/configure/l2mp-isis/l2mp-isis-vrf-common

# vlan

vlan <vlans> | no vlan

## Syntax Description

no	Negate a command or set its defaults
vlan	Set allowed fabricpath VLANs for a given anycast bundle
<i>vlans</i>	VLAN IDs of the allowed fabricpath VLANs in the anycast bundle

## Command Mode

- /exec/configure/anycast

# vlan2

[no] vlan2 <vlan-id-create-delete>

## Syntax Description

no	(Optional) Negate a command or set its defaults
vlan2	Vlan commands
<i>vlan-id-create-delete</i>	VLAN ID 1-4094 or range(s): 1-5, 10 or 2-5,7-19

## Command Mode

- /exec/configure

# vlan

[no] vlan <vlan-range>

## Syntax Description

no	(Optional) Negate a command or set its defaults
vlan	add vlan to vlan group
<i>vlan-range</i>	range of vlans

## Command Mode

- /exec/configure/itd-vlan-grp

# vlan

[no] vlan <vlan-range>

## Syntax Description

no	(Optional) Negate a command or set its defaults
vlan	vlan
<i>vlan-range</i>	range of vlans

## Command Mode

- /exec/configure/smartc /exec/configure/smartc

# vlan access-map

[no] vlan access-map <name> [ <seqno> ]

## Syntax Description

no	(Optional) Negate a command or set its defaults
vlan	Vlan commands
<i>name</i>	List name
access-map	Configure a VLAN access map
<i>seqno</i>	(Optional) Sequence number

## Command Mode

- /exec/configure



# vlan configuration

[no] vlan configuration <vlan-id-create-delete>

## Syntax Description

no	(Optional) Negate a command or set its defaults
vlan	Vlan commands
configuration	vlan feature configuration mode
<i>vlan-id-create-delete</i>	VLAN ID 1-4094 or range(s): 1-5, 10 or 2-5,7-19

## Command Mode

- /exec/configure

## vlan designated priority

{ vlan <vlan-id> | bridge-domain <bd-id> } designated priority <prio> | no { vlan <vlan-id> | bridge-domain <bd-id> } designated priority [ <prio> ]

### Syntax Description

no	Negate a command or set its defaults
vlan	VLAN Switch Spanning Trees
bridge-domain	Bridge-Domain Switch Spanning Trees
<i>vlan-id</i>	vlan range, Example: 1,3-5,7,9-11
<i>bd-id</i>	Bridge-Domain range, Example: 2,4-5,7,9-11
designated	Set the designated bridge priority for the spanning tree
priority	Set the bridge priority for the spanning tree
<i>prio</i>	bridge priority in increments of 4096

### Command Mode

- /exec/configure/spanning-tree/pseudo

## vlan filter vlan

[no] vlan filter <name> { vlan-list <vlans> | vlan-list-include-reserved <vlans-include-reserved> }

### Syntax Description

no	(Optional) Negate a command or set its defaults
vlan	Vlan commands
filter	Specify access control for packets
<i>name</i>	List name
vlan-list	Specify list of VLANs to apply access control
<i>vlans</i>	List of VLANs
vlan-list-include-reserved	Specify list of VLANs to apply access control
<i>vlans-include-reserved</i>	List of VLANs

### Command Mode

- /exec/configure

## vlan root priority

```
{ vlan <vlan-id> | bridge-domain <bd-id> } root priority <prio> | no { vlan <vlan-id> | bridge-domain <bd-id> } root priority [ <prio> ]
```

### Syntax Description

no	Negate a command or set its defaults
vlan	VLAN Switch Spanning Trees
bridge-domain	Bridge-Domain Switch Spanning Trees
<i>vlan-id</i>	vlan range, Example: 1,3-5,7,9-11
<i>bd-id</i>	Bridge-Domain range, Example: 2,4-5,7,9-11
root	Set the root bridge priority for the spanning tree
priority	Set the bridge priority for the spanning tree
<i>prio</i>	bridge priority in increments of 4096

### Command Mode

- /exec/configure/spanning-tree/pseudo

# vmtracker connection

[no] vmtracker connection <connection-name>

## Syntax Description

no	(Optional) Negate a command or set its defaults
vmtracker	Configure vmtracker parameters
connection	Specify a host to connect
<i>connection-name</i>	VM host name

## Command Mode

- /exec/configure

## vmtracker connection refresh

[no] vmtracker connection <connection-name> refresh

### Syntax Description

no	(Optional) Negate a command or set its defaults
vmtracker	Configure vmtracker parameters
connection	Specify a host to connect
<i>connection-name</i>	VM host name
refresh	Refresh all host related information

### Command Mode

- /exec/configure

# vmtracker enable

[no] vmtracker enable

## Syntax Description

no	(Optional) Negate a command or set its defaults
vmtracker	Configure vmtracker feature
enable	Enable vmtracker feature on interface

## Command Mode

- /exec/configure/if-switching

## vmtracker fabric auto-config

[no] vmtracker fabric auto-config

### Syntax Description

no	(Optional) Negate a command or set its defaults
vmtracker	Configure vmtracker parameters
fabric	Enable VM Tracker Fabric parameters
auto-config	Enable VM Tracker Fabric AutoConfiguration

### Command Mode

- /exec/configure



# vn-segment

vn-segment { <segment-id> | <zero-segment-id> } | no vn-segment

## Syntax Description

no	Negate a command or set its defaults
vn-segment	VN Segment id of the VLAN
<i>segment-id</i>	segment-id
<i>zero-segment-id</i>	segment-id

## Command Mode

- /exec/configure/vlan

# vni

[no] vni <vni-id-sh>

## Syntax Description

no	(Optional) Negate a command or set its defaults
vni	Configure a vni-based static host
<i>vni-id-sh</i>	

## Command Mode

- /exec/configure/static-host

# vni

{ vni <id> } | { no vni [ <id> ] }

## Syntax Description

no	Negate a command or set its defaults
vni	Virtual Network Identifier
<i>id</i>	vni, Example: 4096,6099

## Command Mode

- /exec/configure/vrf

# vni

{ vni <vni-id> | no vni }

## Syntax Description

no	Negate a command or set its defaults
vni	Vni
<i>vni-id</i>	Configure vni id

## Command Mode

- /exec/configure/configngoamconnectcheck

# vni default dynamic

{ vni default dynamic } | { no vni default }

## Syntax Description

no	Negate a command or set its defaults
dynamic	Dynamic Profile Map: Retrieve profile name from the external server
vni	Virtual Network Identifier
default	Default (wildcard). Match any vni when there is no specific vni mapping configured

## Command Mode

- /exec/configure/profile-map /exec/configure/profile-map-global

# vni l2

[no] vni <vni\_id> l2

## Syntax Description

no	(Optional) Negate a command or set its defaults
vni	Configure Ethernet VPN ID
<i>vni_id</i>	Specify VNI ID
l2	Layer-2 VNI

## Command Mode

- /exec/configure/evpn

# vpc

vpc [ <vpc\_num> ] | no vpc [ <vpc\_num> ]

## Syntax Description

no	Negate a command or set its defaults
vpc	Virtual Port Channel configuration
<i>vpc_num</i>	(Optional) specify a Virtual Port Channel number

## Command Mode

- /exec/configure/if-eth-port-channel-switch

# vpc domain

vpc domain <domain\_id> | no vpc domain <domain\_id>

## Syntax Description

no	Negate a command or set its defaults
vpc	Virtual Port Channel configuration
domain	Specify domain
<i>domain_id</i>	domain id

## Command Mode

- /exec/configure



# vpc orphan-port suspend

[no] vpc orphan-port suspend

## Syntax Description

no	(Optional) Negate a command or set its defaults
vpc	Virtual Port Channel configuration
orphan-port	orphan-port (non-vpc port)
suspend	suspend - when vPC secondary peerlink goes down

## Command Mode

- /exec/configure/if-eth-phy /exec/configure/if-eth-port-channel-switch /exec/configure/if-eth-port-channel

## vpc peer-link

vpc peer-link | no vpc peer-link

### Syntax Description

no	Negate a command or set its defaults
vpc	Virtual Port Channel configuration
peer-link	specify if this link is used for peer communication

### Command Mode

- /exec/configure/if-eth-port-channel-switch

# vpc role preempt

vpc role preempt

## Syntax Description

vpc	Virtual Port Channel configuration
role	vPC role related command
preempt	Enable/Trigger preemption of lower priority master

## Command Mode

- /exec

## vpn

[no] vpn <otv-isis-vpn-name>

### Syntax Description

no	(Optional) Negate a command or set its defaults
vpn	Configure IS-IS VPN name eg: Overlay<x>
<i>otv-isis-vpn-name</i>	Overlay name

### Command Mode

- /exec/configure/otv-isis

# vpn id

vpn id <vpn-id> | no vpn id [ <vpn-id> ]

## Syntax Description

no	Negate a command or set its defaults
vpn	Configure VPN ID in rfc2685 format
id	Configure VPN ID in rfc2685 format
<i>vpn-id</i>	OUI:VPN-Index, format (hex) <3 bytes OUI:4 bytes VPN-Index>

## Command Mode

- /exec/configure/vrf

# vrf

[no] vrf <vrf-name>

## Syntax Description

no	(Optional) Negate a command or set its defaults
vrf	Configure RIP VRF information
<i>vrf-name</i>	VRF name

## Command Mode

- /exec/configure/router-rip

# vrf

[no] vrf [ <name> ]

## Syntax Description

no	(Optional) Negate a command or set its defaults
vrf	Catena service vrf
<i>name</i>	(Optional) Catena Service VRF name

## Command Mode

- /exec/configure/catena-device-grp

# vrf

[no] vrf { <vrf-name> | <vrf-known-name> }

## Syntax Description

no	(Optional) Negate a command or set its defaults
vrf	set vrf membership
<i>vrf-name</i>	VRF name
<i>vrf-known-name</i>	Known VRF name

## Command Mode

- /exec/configure/config-monitor-erspan-src



# vrf

[no] vrf <vrf-name>

## Syntax Description

no	(Optional) Negate a command or set its defaults
vrf	Configure ISIS VRF information
<i>vrf-name</i>	VRF name

## Command Mode

- /exec/configure/router-isis

# vrf

[no] vrf <vrf-name>

## Syntax Description

no	(Optional) Negate a command or set its defaults
vrf	Display per-VRF information
<i>vrf-name</i>	VRF name

## Command Mode

- /exec/configure/router-ospf3

# vrf

[no] vrf <vrf-name>

## Syntax Description

no	(Optional) Negate a command or set its defaults
vrf	Configure VRF information
<i>vrf-name</i>	VRF name

## Command Mode

- /exec/configure/router-eigrp

# vrf

[no] vrf <vrf-name>

## Syntax Description

no	(Optional) Negate a command or set its defaults
vrf	Display per-VRF information
<i>vrf-name</i>	VRF name

## Command Mode

- /exec/configure/router-ospf

# vrf

{ vrf <name> } | { no vrf <name> }

## Syntax Description

no	Negate a command or set its defaults
vrf	ITD service vrf
<i>name</i>	ITD Service VRF name

## Command Mode

- /exec/configure/itd

# vrf

[no] vrf <vrf-cfg-name>

## Syntax Description

<i>vrf-cfg-name</i>	VRF name
vrf	Virtual Router Context
no	(Optional) Negate a command or set its defaults

## Command Mode

- /exec/configure/router-bgp/router-bgp-bmp-server

# vrf

[no] vrf <vrf-name>

## Syntax Description

no	(Optional) Negate a command or set its defaults
vrf	Virtual Router Context
<i>vrf-name</i>	VRF name

## Command Mode

- /exec/configure/router-bgp

# vrf

[no] vrf <vrf-name>

## Syntax Description

no	(Optional) Negate a command or set its defaults
vrf	Configure vrf for PLB service
<i>vrf-name</i>	VRF name

## Command Mode

- /exec/configure/plb



# vrf

{ { no | default } vrf |

## Syntax Description

no	
default	Set a command to its defaults
vrf	Configure IP SLAs for a VPN Routing/Forwarding instance

## Command Mode

- /exec/configure/ip-sla/udp /exec/configure/ip-sla/jitter /exec/configure/ip-sla/tcp /exec/configure/ip-sla/icmpEcho /exec/configure/ip-sla/dns /exec/configure/ip-sla/http

# vrf

```
{ { vrf { <vrf-name> | <vrf-known-name> } } | no vrf }
```

## Syntax Description

no	Negate a command or set its defaults
vrf	Display per-VRF information
<i>vrf-name</i>	VRF name
<i>vrf-known-name</i>	Known VRF name

## Command Mode

- /exec/configure/configngoamconnectcheck

# vrf context

vrf context <vrf-name> | no vrf context { <vrf-name> | <vrf-name> }

## Syntax Description

no	Negate a command or set its defaults
vrf	Configure VRF parameters
context	Create VRF and enter VRF mode
<i>vrf-name</i>	VRF name
<i>vrf-name</i>	VRF name
<i>vrf-name</i>	VRF name

## Command Mode

- /exec/configure

## vrf default static

```
{ vrf default { static <profile-name> | dynamic } } | { no vrf default }
```

### Syntax Description

no	Negate a command or set its defaults
vrf	VRF name
default	Default (wildcard). Match any vrf when there is no specific vrf mapping configured
static	Static Profile Map: Configure profile name via CLI
<i>profile-name</i>	Static Profile Map: Configure profile name via CLI
dynamic	Dynamic Profile Map: Retrieve profile name from the external server

### Command Mode

- /exec/configure/profile-map-global

# vrf member

vrf member <vrf-name> | no vrf member [ <vrf-name> ]

## Syntax Description

no	Negate a command or set its defaults
vrf	Configure VRF parameters
member	Set interface's VRF membership
<i>vrf-name</i>	VRF name

## Command Mode

- /exec/configure/if-igp /exec/configure/if-mgmt-ether

# vrf member

vrf member { <vrf\_name> | <vrf-known-name> } | no vrf member [ <vrf\_name> | <vrf-known-name> ]

## Syntax Description

no	Negate a command or set its defaults
vrf	Configure VPN Routing/Forwarding table
member	Set route's VRF membership
<i>vrf_name</i>	VRF name
<i>vrf-known-name</i>	Known VRF name

## Command Mode

- /exec/configure/track

# vrf static

{ vrf <vrf-name> { static <profile-name> | dynamic } } | { no vrf <vrf-name> }

## Syntax Description

no	Negate a command or set its defaults
vrf	VRF name
<i>vrf-name</i>	VRF name
static	Static Profile Map: Configure profile name via CLI
<i>profile-name</i>	Static Profile Map: Configure profile name via CLI
dynamic	Dynamic Profile Map: Retrieve profile name from the external server

## Command Mode

- /exec/configure/profile-map-global

# vrrp

[no] vrrp <vr\_id>

## Syntax Description

no	(Optional) Negate a command or set its defaults
vrrp	VRRP configuration commands
<i>vr_id</i>	IPv4 VR group number

## Command Mode

- /exec/configure/if-legacy-eth /exec/configure/if-ethernet /exec/configure/if-port-channel /exec/configure/if-vlan-common /exec/configure/if-eth-any



# vrrp bfd

```
{ vrrp bfd <peer_intf_ip> | no vrrp bfd [ <peer_intf_ip> ] }
```

## Syntax Description

vrrp	VRRP configuration commands
bfd	BFD protocol
<i>peer_intf_ip</i>	Neighbor IP address
no	Negate a command or set its defaults

## Command Mode

- /exec/configure/if-eth-any/vrrp

# vrrpv2

[no] vrrpv2

## Syntax Description

no	(Optional) Negate a command or set its defaults
vrrpv2	Enable VRRPv2 compatibility mode

## Command Mode

- /exec/configure/if-eth-any/vrrpv3

# vrrpv3

[no] vrrpv3

## Syntax Description

no	(Optional) Negate a command or set its defaults
vrrpv3	VRRPv3 configuration commands

## Command Mode

- /exec/configure

## vrrpv3 address-family

[no] vrrpv3 <group\_id> address-family <opt\_v6>

### Syntax Description

no	(Optional) Negate a command or set its defaults
vrrpv3	Configure VRRPv3 group parameters
address-family	IPV6 address family
<i>opt_v6</i>	Enter ipv6
<i>group_id</i>	VRRP Group ID

### Command Mode

- /exec/configure/if-eth-any /exec/configure/if-vlan

## vrrpv3 address-family

[no] vrrpv3 <group\_id> address-family <opt\_v4>

### Syntax Description

no	(Optional) Negate a command or set its defaults
vrrpv3	Configure VRRPv3 group parameters
address-family	IPV4 address family
<i>opt_v4</i>	Enter ipv4
<i>group_id</i>	VRRP Group ID

### Command Mode

- /exec/configure/if-eth-any /exec/configure/if-vlan

# vrrs leader

[no] vrrs leader <tag>

## Syntax Description

no	(Optional) Negate a command or set its defaults
vrrs	VRRS-related commands
leader	Name of VRRS tag for which this group is the leader
<i>tag</i>	VRRS tag to lead

## Command Mode

- /exec/configure/if-eth-any/vrrpv3

## vrrs pathway

[no] vrrs pathway <name>

### Syntax Description

no	(Optional) Negate a command or set its defaults
vrrs	VRRS Interface configuration commands
pathway	Configure a VRRS pathway
<i>name</i>	Name of the VRRS tag to associate with pathway

### Command Mode

- /exec/configure/if-eth-any /exec/configure/if-vlan

# vsh

| vsh

## Syntax Description

	Pipe command output to filter
vsh	the shell that understands cli command

## Command Mode

- /output



# vtp

[no] vtp

## Syntax Description

no	(Optional) Negate a command or set its defaults
vtp	Enable VTP on this interface

## Command Mode

- /exec/configure/if-switching

# vtp domain

vtp domain <domain\_name>

## Syntax Description

vtp	Configure global VTP state
domain	Set the name of the VTP administrative domain
<i>domain_name</i>	The ascii name for the VTP administrative domain

## Command Mode

- /exec/configure

# vtp file

vtp file <file\_name> | no vtp file

## Syntax Description

no	Negate a command or set its defaults
vtp	Configure global VTP state
file	Set the name of the VTP file name
<i>file_name</i>	URI for vlan.dat

## Command Mode

- /exec/configure

# vtp mode

vtp mode <mode-name> | no vtp mode

## Syntax Description

no	Negate a command or set its defaults
vtp	Configure global VTP state
mode	Configure VTP device mode
<i>mode-name</i>	

## Command Mode

- /exec/configure

# vtp password

vtp password <password\_name> | no vtp password

## Syntax Description

no	Negate a command or set its defaults
vtp	Configure global VTP state
password	Set the password for the VTP administrative domain
<i>password_name</i>	The ascii password for the VTP administrative domain

## Command Mode

- /exec/configure

## vtp pruning

vtp pruning | no vtp pruning

### Syntax Description

no	Negate a command or set its defaults
vtp	Configure global VTP state
pruning	Set the administrative domain to permit pruning

### Command Mode

- /exec/configure

# vtp version

vtp version <version\_num> | no vtp version

## Syntax Description

no	Negate a command or set its defaults
vtp	Configure global VTP state
version	Set the administrative domain to VTP version
<i>version_num</i>	Set the administrative domain to VTP version

## Command Mode

- /exec/configure

