



0 Commands

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oam-channel

```
{ oam-channel <val> } | { no oam-channel }
```

Syntax Description

oam-channel	oam-channel used
<i>val</i>	2 - nvo3 tissa

Command Mode

- /exec/configure/configngoamprofile

obfl logging uuid msg

obfl logging uuid <uuid> <log-file> msg <log_str>

Syntax Description

obfl	Perform the OBFL operation
logging	Perform the logging
uuid	UUID of the process
<i>uuid</i>	UUID of the process
<i>log-file</i>	Log File of your process
msg	Message to be Logged in the file
<i>log_str</i>	Type the message to be logged

Command Mode

- /exec

object-group ip address

[no] object-group ip address <name>

Syntax Description

no	(Optional) Negate a command or set its defaults
object-group	Configure ACL object groups
ip	IP Object groups
address	Address object group
<i>name</i>	object-group name

Command Mode

- /exec/configure

object-group ip port

[no] object-group ip port <name>

Syntax Description

no	(Optional) Negate a command or set its defaults
object-group	Configure ACL object groups
ip	IP Object groups
port	IP port object group (can be used in IPv4 and IPv6 access-lists)
<i>name</i>	object-group name

Command Mode

- /exec/configure

object-group ipv6 address

[no] object-group ipv6 address <name>

Syntax Description

no	(Optional) Negate a command or set its defaults
object-group	Configure ACL object groups
ipv6	IPv6 Object groups
address	Address object group
<i>name</i>	object-group name

Command Mode

- /exec/configure

object-group udp relay ip address

object-group udp relay ip address <obj-grp-name>

Syntax Description

object-group	Configure object groups
udp	Configure UDP
relay	Configure UDP Relay
ip	IP Object groups
address	Address object group
<i>obj-grp-name</i>	object-group name

Command Mode

- /exec/configure

object-group udp relay ip address

[no] object-group udp relay ip address <obj-grp-name>

Syntax Description

no	Negate a command or set its defaults
object-group	Configure object groups
udp	Configure UDP
relay	Configure UDP Relay
ip	IP Object groups
address	Address object group
<i>obj-grp-name</i>	object-group name

Command Mode

- /exec/configure

of-port interface

[no] of-port interface <ifname>

Syntax Description

no	(Optional) Negate a command or set its defaults
of-port	Add interfaces to openflow switch
interface	Interface
<i>ifname</i>	interface name

Command Mode

- /exec/configure/openflow/switch

offset-list route in

[no] offset-list { { route-map <map> } | { prefix-list <list> } } { in | out } <offset> <interface>

Syntax Description

no	(Optional) Negate a command or set its defaults
offset-list	Add or subtract offset from EIGRP metrics
route-map	Use a route-map for offset-list selection
<i>map</i>	Route-map name
prefix-list	Use a prefix-list for offset-list selection
<i>list</i>	Reference to prefix-list name
in	Perform offset on incoming updates
out	Perform offset on outgoing updates
<i>offset</i>	Offset
<i>interface</i>	Interface name

Command Mode

- /exec/configure/router-eigrp/router-eigrp-vrf-common /exec/configure/router-eigrp/router-eigrp-af-common

on-demand color

[no] on-demand color <color>

Syntax Description

no	(Optional) Negate a command or set its defaults
on-demand	Configure on-demand color
color	Color
<i>color</i>	Color

Command Mode

- /exec/configure/sr/te

open-fsm

[no] open-fsm

Syntax Description

no	(Optional) Negate a command or set its defaults
open-fsm	Enable session open FSM for establishing BGP sessions

Command Mode

- /exec/configure/router-bgp

openflow

[no] openflow

Syntax Description

no	(Optional) Negate a command or set its defaults
openflow	OpenFlow configuration

Command Mode

- /exec/configure

operation-packet-priority normal

{ { no | default } operation-packet-priority | operation-packet-priority { normal | high } }

Syntax Description

no	
default	Set a command to its defaults
operation-packet-priority	Set operation packet properties
high	Priority high
normal	Priority normal

Command Mode

- /exec/configure/ip-sla/jitter

option exporter-stats timeout

{ [no] option exporter-stats timeout <time> | no option exporter-stats timeout }

Syntax Description

option	Version 9 Option Templates and Data
exporter-stats	Exporter Statistics Option
timeout	Option resend time
<i>time</i>	Time in seconds

Command Mode

- /exec/configure/nfm-exporter-v9

option interface-table timeout

{ [no] option interface-table timeout <time> | no option interface-table timeout }

Syntax Description

option	Version 9 Option Templates and Data
interface-table	Interface Table Option
timeout	Option resend time
<i>time</i>	Time in seconds

Command Mode

- /exec/configure/nfm-exporter-v9

orib event-history

```
[no] orib event-history { cli | ipc | uroute | mroute | mroute_only | uhw | mhw | ha | internal } { size {
<size_in_text> | <size_in_kbytes> } }
```

Syntax Description

no	(Optional) Negate a command or set its defaults
orib	Display ORIB information
event-history	ORIB event logs
cli	ORIB cli logs
ipc	ORIB ipc logs
uroute	ORIB unicast route logs
mroute	ORIB multicast route logs
mroute_only	ORIB multicast route logs without mhw
uhw	ORIB unicast platform logs
mhw	ORIB multicast platform logs
ha	ORIB ha logs
internal	ORIB internal logs
size	Configure size
<i>size_in_text</i>	Buffer size
<i>size_in_kbytes</i>	Size in kbytes

Command Mode

- /exec/configure

orib orib_api_init

```
{ orib orib_api_init <client-name> } | { orib orib_api_close } | { orib orib_add_route <client-name> <mac>
[ <nh> | <nh6> ] <if-name> } | { orib orib_delete_route <client-name> <mac> [ <nh> | <nh6> ] <if-name> }
```

Syntax Description

orib	Use ORIB API routines from OTV process
orib_api_init	Call orib_api_init() from the OTV process
orib_api_close	Call orib_api_close() from the OTV process
orib_add_route	Call orib_add_route() from OTV process
orib_delete_route	Call orib_delete_route() from OTV process
<i>client-name</i>	Client name registered to ORIB process
<i>mac</i>	VLAN-ID/MAC Address tuple in vvvv-aaaa.bbbb.cccc format
<i>nh</i>	(Optional) Next-hop IPv4 address
<i>if-name</i>	Next-hop interface (iod)

Command Mode

- /exec

ospfv3 authentication

```
ospfv3 authentication { disable | ipsec spi <spi_id> { md5 <akey> | sha1 <akey> } } | no ospfv3 authentication
{ disable | ipsec spi <spi_id> }
```

Syntax Description

no	Negate a command or set its defaults
ospfv3	OSPFv3 configuration commands
authentication	Enable Authentication
disable	Disable Authentication
ipsec	IPSec
spi	Security Parameter Index
<i>spi_id</i>	SPI Value
md5	Use the MD5 algorithm
<i>akey</i>	Authentication Key
sha1	Use the SHA1 algorithm
<i>akey</i>	Authentication Key

Command Mode

- /exec/configure/if-igp /exec/configure/if-gre-tunnel /exec/configure/if-mpls-tunnel
/exec/configure/if-mgmt-config

ospfv3 bfd

[no] ospfv3 bfd [disable]

Syntax Description

no	(Optional) Negate a command or set its defaults
ospfv3	OSPFv3 configuration commands
bfd	Enable BFD on this interface
disable	(Optional) Disable BFD on this interface

Command Mode

- /exec/configure/if-igp /exec/configure/if-gre-tunnel /exec/configure/if-mgmt-config

ospfv3 cost

{ ospfv3 cost <cost> } | { no ospfv3 cost [<cost>] }

Syntax Description

no	Negate a command or set its defaults
ospfv3	OSPFv3 configuration commands
cost	Cost associated with interface
<i>cost</i>	Cost value

Command Mode

- /exec/configure/if-igp /exec/configure/if-gre-tunnel /exec/configure/if-mpls-tunnel /exec/configure/if-mgmt-config

ospfv3 dead-interval

{ ospfv3 dead-interval <interval> } | { no ospfv3 dead-interval [<interval>] }

Syntax Description

no	Negate a command or set its defaults
ospfv3	OSPFv3 configuration commands
dead-interval	Dead interval
<i>interval</i>	(seconds)

Command Mode

- /exec/configure/if-igp /exec/configure/if-gre-tunnel /exec/configure/if-mpls-tunnel /exec/configure/if-mgmt-config

ospfv3 event-history

```
ospfv3 event-history { adjacency | event | ha | flooding | lsa | spf | redistribution | hello | spf-trigger } size {
<size_in_text> | <size_in_Kbytes> } | [ no ] ospfv3 event-history { adjacency | event | ha | flooding | lsa | spf
| redistribution | hello | spf-trigger }
```

Syntax Description

no	(Optional) Negate a command or set its defaults
ospfv3	(Optional) Debugging functions
event-history	(Optional) log debug events into event history buffer
adjacency	(Optional) Adjacency formation logs
event	(Optional) Internal event logs
ha	(Optional) HA and GR logs
flooding	(Optional) LSA flooding logs
lsa	(Optional) LSA generation and databse logs
spf	(Optional) SPF calculation logs
redistribution	(Optional) Redistribution logs
hello	(Optional) HELLO related logs
spf-trigger	(Optional) SPF TRIGGER related logs
size	(Optional) Configure the size of the event-hist buffer
<i>size_in_text</i>	(Optional) Buffer size
<i>size_in_Kbytes</i>	(Optional) Size of the file in kbytes

Command Mode

- /exec/configure/router-ospf3

ospfv3 event-history cli size

ospfv3 event-history cli size { <size_in_text> | <size_in_Kbytes> } | [no] ospfv3 event-history cli

Syntax Description

no	(Optional) Negate a command or set its defaults
ospfv3	(Optional) Debugging functions
event-history	(Optional) log debug events into event history buffer
cli	(Optional) Cli logs
size	(Optional) Configure the size of the event-hist buffer
<i>size_in_text</i>	(Optional) Buffer size
<i>size_in_Kbytes</i>	(Optional) Size of the file in kbytes

Command Mode

- /exec/configure/router-ospf3

ospfv3 event-history detail

[no] ospfv3 event-history detail

Syntax Description

no	Negate a command or set its defaults
ospfv3	Debugging functions
event-history	log debug events into event history buffer
detail	Detailed event history buffer

Command Mode

- /exec/configure/router-ospf3

ospfv3 event-history detail size

ospfv3 event-history detail size { <size_in_text> | <size_in_Kbytes> } | [no] ospfv3 event-history detail

Syntax Description

no	(Optional) Negate a command or set its defaults
ospfv3	(Optional) Debugging functions
event-history	(Optional) log debug events into event history buffer
detail	(Optional) Detailed event history buffer
size	(Optional) Configure the size of the event-hist buffer
<i>size_in_text</i>	(Optional) Buffer size
<i>size_in_Kbytes</i>	(Optional) Size of the file in kbytes

Command Mode

- /exec/configure/router-ospf3

ospfv3 flood-bw-percentage

[no] ospfv3 flood-bw-percentage <percentage>

Syntax Description

no	(Optional) Negate a command or set its defaults
ospfv3	OSPFv3 configuration commands
flood-bw-percentage	Percentage of bandwidth used for flooding
<i>percentage</i>	Negate a command or set its defaults

Command Mode

- /exec/configure/if-igp /exec/configure/if-gre-tunnel /exec/configure/if-mpls-tunnel /exec/configure/if-mgmt-config

ospfv3 hello-interval

{ ospfv3 hello-interval <interval> } | { no ospfv3 hello-interval [<interval>] }

Syntax Description

no	Negate a command or set its defaults
ospfv3	OSPFv3 configuration commands
hello-interval	Hello interval
<i>interval</i>	(seconds)

Command Mode

- /exec/configure/if-igp /exec/configure/if-gre-tunnel /exec/configure/if-mpls-tunnel /exec/configure/if-mgmt-config

ospfv3 instance

{ ospfv3 instance <instance-id> } | { no ospfv3 instance [<instance-id>] }

Syntax Description

no	Negate a command or set its defaults
ospfv3	OSPFv3 configuration commands
instance	Instance identifier
<i>instance-id</i>	Instance identifier value

Command Mode

- /exec/configure/if-igp /exec/configure/if-gre-tunnel /exec/configure/if-mpls-tunnel /exec/configure/if-mgmt-config

ospfv3 mtu-ignore

[no] ospfv3 mtu-ignore

Syntax Description

no	(Optional) Negate a command or set its defaults
ospfv3	OSPFv3 configuration commands
mtu-ignore	Disable OSPF MTU mismatch detection

Command Mode

- /exec/configure/if-igp /exec/configure/if-gre-tunnel /exec/configure/if-mpls-tunnel /exec/configure/if-mgmt-config

ospfv3 network broadcast

```
{ ospfv3 network { broadcast | point-to-point } } | { no ospfv3 network [ { broadcast | point-to-point } ] }
```

Syntax Description

no	Negate a command or set its defaults
ospfv3	OSPFv3 configuration commands
network	Network type
broadcast	Specify OSPF broadcast multi-access network
point-to-point	Specify OSPF point-to-point network

Command Mode

- /exec/configure/if-broadcast /exec/configure/if-p2p /exec/configure/if-mgmt-config

ospfv3 network point-to-point

{ ospfv3 network point-to-point } | { no ospfv3 network [point-to-point] }

Syntax Description

no	Negate a command or set its defaults
ospfv3	OSPFv3 configuration commands
network	Network type
point-to-point	Specify OSPF point-to-point network

Command Mode

- /exec/configure/if-loopback

ospfv3 passive-interface

[default | no] ospfv3 passive-interface

Syntax Description

default	(Optional) Undo a command
no	(Optional) Negate a command or set its defaults
ospfv3	OSPFv3 configuration commands
passive-interface	Suppress routing updates on the interface

Command Mode

- /exec/configure/if-broadcast /exec/configure/if-p2p /exec/configure/if-mgmt-config

ospfv3 priority

{ ospfv3 priority <prio> } | { no ospfv3 priority [<prio>] }

Syntax Description

no	Negate a command or set its defaults
ospfv3	OSPFv3 configuration commands
priority	Router priority
<i>prio</i>	Router priority

Command Mode

- /exec/configure/if-igp /exec/configure/if-gre-tunnel /exec/configure/if-mpls-tunnel /exec/configure/if-mgmt-config

ospfv3 retransmit-interval

{ ospfv3 retransmit-interval <interval> } | { no ospfv3 retransmit-interval [<interval>] }

Syntax Description

no	Negate a command or set its defaults
ospfv3	OSPFv3 configuration commands
retransmit-interval	Packet retransmission interval
<i>interval</i>	(seconds)

Command Mode

- /exec/configure/if-igp /exec/configure/if-gre-tunnel /exec/configure/if-mpls-tunnel /exec/configure/if-mgmt-config

ospfv3 shutdown

[no] ospfv3 shutdown

Syntax Description

no	(Optional) Negate a command or set its defaults
ospfv3	OSPFv3 configuration commands
shutdown	Shutdown ospf on this interface

Command Mode

- /exec/configure/if-igp /exec/configure/if-gre-tunnel /exec/configure/if-mgmt-config

ospfv3 transmit-delay

{ ospfv3 transmit-delay <delay> } | { no ospfv3 transmit-delay [<delay>] }

Syntax Description

no	Negate a command or set its defaults
ospfv3	OSPFv3 configuration commands
transmit-delay	Packet transmission delay
<i>delay</i>	(seconds)

Command Mode

- /exec/configure/if-igp /exec/configure/if-gre-tunnel /exec/configure/if-mpls-tunnel /exec/configure/if-mgmt-config

other-config-flag

[no] other-config-flag <state>

Syntax Description

no	(Optional) Negate a command or set its defaults
<i>state</i>	

Command Mode

- /exec/configure/config-ra-guard

otv-isis

otv-isis <tag>

Syntax Description

otv-isis	Intermediate System to Intermediate System (IS-IS)
<i>tag</i>	Routing process tag

Command Mode

- /exec/configure

overbudgetshut

overbudgetshut [module <module>]

Syntax Description

overbudgetshut	Shut down the specified LCs due to power over budget
module	(Optional) Module Force Shut down
<i>module</i>	(Optional) please enter the module number

Command Mode

- /exec

overbudgetsyslog

overbudgetsyslog

Syntax Description

overbudgetsyslog	Print Syslog to indicate power over budget
------------------	--

Command Mode

- /exec

overlay-encapsulation

overlay-encapsulation <encap-type> [tunnel-control-frames [<layer2-prot>]] | no overlay-encapsulation

Syntax Description

no	Negate a command or set its defaults
overlay-encapsulation	NVE Overlay Encapsulation
<i>encap-type</i>	Configure encapsulation type
tunnel-control-frames	(Optional) tunnel protocol
<i>layer2-prot</i>	(Optional) configure specific protocol

Command Mode

- /exec/configure/if-nve

overload rip

overload rip

Syntax Description

overload	
rip	Forced RIP overload

Command Mode

- /exec

overwrite-vlan

[no] overwrite-vlan <ow-vlan-id>

Syntax Description

no	(Optional) Negate a command or set its defaults
overwrite-vlan	Overwrite the system generated vlan
<i>ow-vlan-id</i>	

Command Mode

- /exec/configure/static-host/vni

owner

{ { no | default } owner | owner <text> }

Syntax Description

no	
default	Set a command to its defaults
owner	Owner of Entry
<i>text</i>	Owner String

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/fabricPathEcho
/exec/configure/ip-sla/http