



## O 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

[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



# 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

# 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

# onep

[no] onep

## Syntax Description

no	(Optional) Negate a command or set its defaults
onep	Enable/Disable One Platform

## Command Mode

- /exec/configure

# onep applications

[no] onep applications <config-domain>

## Syntax Description

no	(Optional) Negate a command or set its defaults
onep	One Platform
applications	One platform applications
<i>config-domain</i>	Virtual service name or tag used by remote onep applications to retrieve its configuration

## Command Mode

- /exec/configure

# onep install

onep install <xsd-location> <config-domain>

## Syntax Description

onep	One Platform
install	install a CLI definition
<i>xsd-location</i>	the xsd file containing the onep application CLI definition
<i>config-domain</i>	virtual service name or tag used by remote onep applications to retrieve its configuration

## Command Mode

- /exec

# onep stop

```
onep stop { session { all | <onep-session-id> } }
```

## Syntax Description

onep	One Platform
stop	Stop specific activity
session	One Platform session
all	All sessions
<i>onep-session-id</i>	Specific session name

## Command Mode

- /exec

# onep uninstall

onep uninstall <app-name> <app-version> <config-domain> [ force ]

## Syntax Description

onep	One Platform
uninstall	uninstall a CLI definition
<i>app-name</i>	application name
<i>app-version</i>	application version
<i>config-domain</i>	virtual service name or tag used by remote onep applications to retrieve its configuration
force	(Optional) force uninstallation

## Command Mode

- /exec



# 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

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

### 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

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

### 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

[ no ospfv3 event-history detail ] | [ ospfv3 event-history detail size { <size\_in\_text> | <size\_in\_Kbytes> } ]

### 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