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dampen-igp-metric

dampen-igp-metric <sec> | no dampen-igp-metric

Syntax Description

Syntax Description	no	Negate a command or set its defaults
	dampen-igp-metric	Dampen IGP metric-related changes
	<i>sec</i>	Time interval in seconds

Command Mode

- /exec/configure/router-bgp/router-bgp-af

dampening

```
[no] dampening [ { <half-life> <reuse-limit> <suppress-limit> <max-suppress-time> } | { route-map
<rmap-name> } ]
```

Syntax Description

Syntax Description		
<code>no</code>	(Optional)	Negate a command or set its defaults
<code>dampening</code>		Configure route flap dampening
<code>half-life</code>	(Optional)	Decay half life
<code>reuse-limit</code>	(Optional)	Value to start reusing a route
<code>suppress-limit</code>	(Optional)	Value to start suppressing a route
<code>max-suppress-time</code>	(Optional)	Maximum suppress time for stable route
<code>route-map</code>	(Optional)	Apply route-map to specify dampening criteria
<code>rmap-name</code>	(Optional)	Route-map name

Command Mode

- /exec/configure/router-bgp/router-bgp-af /exec/configure/router-bgp/router-bgp-af-ipv4
/exec/configure/router-bgp/router-bgp-af-ipv6 /exec/configure/router-bgp/router-bgp-af-link-state
/exec/configure/router-bgp/router-bgp-af-l2vpn-evpn

dampening

```
[no] dampening [ { <half-life> <reuse-limit> <suppress-limit> <max-suppress-time> } | { route-map
<rmap-name> } ]
```

Syntax Description

Syntax Description		
<code>no</code>	(Optional)	Negate a command or set its defaults
<code>dampening</code>		Configure route flap dampening
<code>half-life</code>	(Optional)	Decay half life
<code>reuse-limit</code>	(Optional)	Value to start reusing a route
<code>suppress-limit</code>	(Optional)	Value to start suppressing a route
<code>max-suppress-time</code>	(Optional)	Maximum suppress time for stable route
<code>route-map</code>	(Optional)	Apply route-map to specify dampening criteria
<code>rmap-name</code>	(Optional)	Route-map name

Command Mode

- /exec/configure/router-bgp/router-bgp-af-ipv4-mdt /exec/configure/router-bgp/router-bgp-af-l2vpn-vpls

data-pattern

{ { no | default } data-pattern | data-pattern <hex-pattern> }

Syntax Description

Syntax Description

no

default Set a command to its
 defaults

data-pattern Data Pattern

hex-pattern Data Pattern in Hex

Command Mode

- /exec/configure/ip-sla/udp

database-mapping

```
{ [ no ] database-mapping { <eid-prefix> | <eid-prefix6> } { redistribute | { { <locator> | <locator6> } priority
<priority> weight <weight> } } }
```

Syntax Description

Syntax Description		
<code>no</code>	(Optional) Negate a command or set its defaults	
<code>database-mapping</code>	Configure EID-prefix and locator-set for dynamic-EID	
<code>eid-prefix</code>	IP EID-prefix for RLOC static mapping	
<code>locator</code>	IP address of LISP-VM routers	
<code>priority</code>	Configures which Locators from a set are preferred	
<code>priority</code>	Lower priority Locator takes preference	
<code>weight</code>	Traffic load-spreading among Locators	
<code>weight</code>	Specified in a percentage from 0 to 100	
<code>redistribute</code>	Used for redistributing into routing protocols	

Command Mode

- /exec/configure/lisp-dynamic-eid /exec/configure/vrf/lisp-dynamic-eid

databits

[no] databits <*i0*>

Syntax Description

Syntax Description

no (Optional) Negate a command or set its defaults

databits Set number of databits per character

i0 Number of data bits

Command Mode

- /exec/configure/com1

databits

[no] databits <i0>

Syntax Description

Syntax Description	no	(Optional) Negate a command or set its defaults
	databits	Set number of databits per character
	i0	Number of data bits

Command Mode

- /exec/configure/console

datapath-id

datapath-id <datapathid-val> | no datapath-id

Syntax Description

Syntax Description	no	Negate a command or set its defaults
	datapath-id	Datapath ID
	<i>datapathid-val</i>	64-bit hex value [0x1-0xffffffffffff]

Command Mode

- /exec/configure/openflow/switch

datapath-id

datapath-id <datapathid-val> | no datapath-id

Syntax Description

Syntax Description		
no		Negate a command or set its defaults
datapath-id		Datapath ID
<i>datapathid-val</i>		64-bit hex value [0x1-0xffffffffffff]

Command Mode

- /exec/configure/openflow/switch/sub-switch

datapath transport mts

[no] datapath transport mts

Syntax Description

Syntax Description	no	(Optional) Negate a command or set its defaults
	datapath	One Platform datapath
	transport	transport for datapath
	mts	mts

Command Mode

- /exec/configure/onep

db-jid

[no] db-jid <jid> [key-type <key-type>]

Syntax Description

Syntax Description	
no	(Optional) Negate a command or set its defaults
db-jid	Jabber ID of database
<i>jid</i>	Enter Jabber ID of database
key-type	(Optional) Query key type for this database
<i>key-type</i>	(Optional)

Command Mode

- /exec/configure/fabric-db/server-xmpp

db-security user password

```
[no] db-security user <user> password { 0 <clear> | 7 <encrypted> | <password> } [ shared-secret { 10 <clear> | 7 <encrypted> | <secret> } ]
```

Syntax Description

Syntax Description

no	(Optional) Negate a command or set its defaults
db-security	Database Security
user	User ID
<i>user</i>	Enter user ID
password	Password
0	Password that follows should be in clear text
<i>clear</i>	Password in clear text
7	Password that follows should be in encrypted text
<i>encrypted</i>	Encrypted password
<i>password</i>	Enter password in clear text
shared-secret	(Optional) Shared-secret
10	(Optional) Indicates that password that follows should be in clear text
<i>clear</i>	(Optional) Password in clear text
7	(Optional) Password that follows should be in encrypted text
<i>encrypted</i>	(Optional) Encrypted password
<i>secret</i>	(Optional) Enter shared-secret in clear text

Command Mode

- /exec/configure/fabric-db/server-ldap

db-table

[no] db-table <tablename> [key-type <key-type>]

Syntax Description

Syntax Description	
no	(Optional) Negate a command or set its defaults
db-table	Table name to search
<i>tablename</i>	Enter table name to search
key-type	(Optional) Query key type for this table
<i>key-type</i>	(Optional)

Command Mode

- /exec/configure/fabric-db/server-ldap

dead-interval

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

Syntax Description

Syntax Description	<code>no</code>	Negate a command or set its defaults
	<code>dead-interval</code>	Dead interval
	<i>interval</i>	(seconds)

Command Mode

- /exec/configure/router-ospf/router-ospf-vlink /exec/configure/router-ospf/vrf/router-ospf-vlink

dead-interval

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

Syntax Description

Syntax Description	no	Negate a command or set its defaults
	dead-interval	Dead interval
	<i>interval</i>	(seconds)

Command Mode

- /exec/configure/router-ospf/vrf/router-ospf-slink

dead-interval

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

Syntax Description

Syntax Description	<code>no</code>	Negate a command or set its defaults
	<code>dead-interval</code>	Dead interval
	<i>interval</i>	(seconds)

Command Mode

- /exec/configure/router-ospf3/router-ospf3-vlink /exec/configure/router-ospf3/vrf/router-ospf3-vlink

deadtime

[no] deadtime <i0>

Syntax Description

Syntax Description

no (Optional) Negate a command or set its defaults

deadtime duration for which non-reachable server is skipped

i0 Length of time, in minutes

Command Mode

- /exec/configure/radius

deadtime

[no] deadtime <*i0*>

Syntax Description

Syntax Description	<i>no</i>	(Optional) Negate a command or set its defaults
	<i>deadtime</i>	duration for which non-reachable server is skipped
	<i>i0</i>	Length of time, in minutes

Command Mode

- /exec/configure/ldap

deadtime

[no] deadtime <i0>

Syntax Description

Syntax Description

no (Optional) Negate a command or set its defaults

deadtime duration for which non-reachable server is skipped

i0 Length of time, in minutes

Command Mode

- /exec/configure/tacacs+

dec

dec <expr>

Syntax Description

Syntax Description

dec calculator with results in decimal format

expr the expression to compute (integer arithmetics)

Command Mode

- /exec

default-information originate

[no] default-information originate

Syntax Description

Syntax Description	no	(Optional) Negate a command or set its defaults
	default-information	Control distribution of default information
	originate	Distribute a default route

Command Mode

- /exec/configure/router-bgp/router-bgp-af /exec/configure/router-bgp/router-bgp-af-ipv6-label /exec/configure/router-bgp/router-bgp-af-ipv4-label

default-information originate

[no] default-information originate [always] [route-map <policy-name>]

Syntax Description

Syntax Description	
no	(Optional) Negate a command or set its defaults
default-information	Control distribution of default route
originate	Distribute a default route
always	(Optional) Always advertise default route
route-map	(Optional) Policy to control distribution of default route
<i>policy-name</i>	(Optional) Route-map name

Command Mode

- /exec/configure/router-ospf /exec/configure/router-ospf/vrf

default-information originate

[no] default-information originate [always] [route-map <map-name>]

Syntax Description

Syntax Description		
no	(Optional)	Negate a command or set its defaults
default-information	RIP control	distribution of default route
originate	RIP distribute	a default route
always	(Optional)	RIP always advertise default route
route-map	(Optional)	Policy to constrain redistribution
<i>map-name</i>	(Optional)	Route-map name

Command Mode

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

default-information originate

[no] default-information originate [always] [route-map <map>]

Syntax Description

Syntax Description	
no	(Optional) Negate a command or set its defaults
default-information	Control origination of a default route
originate	Originate a default route
always	(Optional) Always advertise default route
route-map	(Optional) Use a route-map for default route metrics
<i>map</i>	(Optional) Route-map name

Command Mode

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

default-information originate

[no] default-information originate [always] [route-map <map-name>]

Syntax Description

Syntax Description		
no	(Optional)	Negate a command or set its defaults
default-information		Control origination of a default route
originate		Originate a default route
always	(Optional)	Always advertise default route
route-map	(Optional)	Route-map to announce default routes
<i>map-name</i>	(Optional)	A 'routing-rules' route-map name

Command Mode

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

default-information originate

[no] default-information originate [always] [route-map <policy-name>]

Syntax Description

Syntax Description		
no	(Optional)	Negate a command or set its defaults
default-information		Control distribution of default route
originate		Distribute a default route
always	(Optional)	Always advertise default route
route-map	(Optional)	Policy to control distribution of default route
<i>policy-name</i>	(Optional)	Route-map name

Command Mode

- /exec/configure/router-ospf3/router-ospf3-af-ipv6 /exec/configure/router-ospf3/vrf/router-ospf3-af-ipv6

default-information originate always rd route-target

```
{ default-information originate always rd { <ext-comm-rd-aa2nn4> | <ext-comm-rd-aa4nn2> } route-target
{ <ext-comm-rt-aa2nn4> | <ext-comm-rt-aa4nn2> } } | { no default-information originate always }
```

Syntax Description

Syntax Description		
no		Negate a command or set its defaults
default-information		Control distribution of default information
originate		Distribute a default route
always		Always advertise default route
rd		VPN Route Distinguisher
<i>ext-comm-rd-aa4nn2</i>		VPN route distinguisher in aa4:nn or ip:nn format
<i>ext-comm-rd-aa2nn4</i>		VPN route distinguisher in aa:nn format
route-target		Specify Target VPN Extended Communities
<i>ext-comm-rt-aa4nn2</i>		RT extcommunity in aa4:nn or ip:nn format
<i>ext-comm-rt-aa2nn4</i>		RT extcommunity in aa:nn format

Command Mode

- /exec/configure/router-bgp/router-bgp-af-ipv4 /exec/configure/router-bgp/router-bgp-af-ipv6

default-metric

[no] default-metric <metric>

Syntax Description

Syntax	Description
no	(Optional) Negate a command or set its defaults
default-metric	Set metric of redistributed routes
metric	Default Metric

Command Mode

- /exec/configure/router-bgp/router-bgp-af

default-metric

```
{ default-metric <cost> } | { no default-metric [ <cost> ] }
```

Syntax Description

Syntax Description	<i>no</i>	Negate a command or set its defaults
	<i>default-metric</i>	Specify default metric for redistributed routes
	<i>cost</i>	Metric value

Command Mode

- /exec/configure/router-ospf /exec/configure/router-ospf/vrf

default-metric

default-metric <metric> | no default-metric [<metric>]

Syntax Description

Syntax Description	no	Negate a command or set its defaults
	default-metric	RIP default metric
	<i>metric</i>	RIP metric value

Command Mode

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

default-metric

```
{ { default-metric <bw> <delay> <rel> <load> <mtu> } | { no default-metric [ <bw> <delay> <rel> <load> <mtu> ] } }
```

Syntax Description

Syntax Description		
<code>no</code>		Negate a command or set its defaults
<code>default-metric</code>		Set metric of redistributed routes
<code>bw</code>		Bandwidth in Kbits per second
<code>delay</code>		Delay metric
<code>rel</code>		Reliability metric where 255 is 100% reliable
<code>load</code>		Effective bandwidth metric (Loading) where 255 is 100% loaded
<code>mtu</code>		Maximum Transmission Unit metric of the path

Command Mode

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

default-metric

{ default-metric <cost> } | { no default-metric [<cost>] }

Syntax Description

Syntax Description	no	Negate a command or set its defaults
	default-metric	Specify default metric for redistributed routes
	<i>cost</i>	Metric value

Command Mode

- /exec/configure/router-ospf3/router-ospf3-af-ipv6 /exec/configure/router-ospf3/vrf/router-ospf3-af-ipv6

default-miss

default-miss { continue-drop | continue-normal | continue-controller | drop | normal | controller } | no default-miss

Syntax Description

Syntax Description		
no		Negate a command or set its defaults
default-miss		Set continue-drop/continue-normal/continue-controller/drop/normal/controller flow action
continue-drop		cascade drop to next table
continue-normal		cascade normal to next table
continue-controller		cascade punt to next table
drop		drop packet
normal		forward to normal dataplane
controller		punt to controller

Command Mode

- /exec/configure/openflow/switch

default-originate

[no | default] default-originate [route-map <rmap-name>]

Syntax Description

Syntax Description	
no	(Optional) Negate a command or set its defaults
default	(Optional) Inherit values from a peer template
default-originate	Originate a default toward this peer
route-map	(Optional) Route-map to specify criteria for originating default
<i>rmap-name</i>	(Optional) Route-map name

Command Mode

- /exec/configure/router-bgp/router-bgp-neighbor/router-bgp-neighbor-af

define

[no] define <paramname> [<paramtype>] [<paramdesc>]

Syntax Description

Syntax Description	
no	(Optional) Negate a command or set its defaults
define	Define a parameter
<i>paramname</i>	Enter the name of the parameter
<i>paramtype</i>	(Optional) param type
<i>paramdesc</i>	(Optional) Enter the parameter description

Command Mode

- /exec/configure/param-list

delay

delay <delay_val> | no delay [<delay_val>]

Syntax Description

Syntax Description	
no	Negate a command or set its defaults
delay	Specify interface throughput delay
<i>delay_val</i>	Throughput delay (tens of microseconds)

Command Mode

- /exec/configure/if-ether-sub /exec/configure/if-ether-sub-p2p /exec/configure/if-port-channel-sub

delay

delay <delay_val> | no delay [<delay_val>]

Syntax Description

Syntax Description		
no		Negate a command or set its defaults
delay		Specify interface throughput delay
<i>delay_val</i>		Throughput delay (tens of microseconds)

Command Mode

- /exec/configure/if-ethernet-all /exec/configure/if-eth-non-member /exec/configure/if-port-channel /exec/configure/if-ethernet-all /exec/configure/if-ethernet-p2p /exec/configure/if-remote-ethernet-sub /exec/configure/if-port-channel-range

delay

delay <microseconds> | no delay

Syntax Description

Syntax Description		
no		Negate a command or set its defaults
delay		Specify interface throughput delay
<i>microseconds</i>		Throughput delay (tens of microseconds)

Command Mode

- /exec/configure/if-vlan-common

delay peer-link

delay peer-link <time> | no delay peer-link

Syntax Description

Syntax Description		
no		Negate a command or set its defaults
delay		Peer-link bringup delay
peer-link		Delay peer-link bringup
<i>time</i>		Delay in bringing up the peer-link (in seconds)

Command Mode

- /exec/configure/vpc-domain

delay restore

delay restore <time-out> | no delay restore

Syntax Description

Syntax Description	
no	Negate a command or set its defaults
delay	Initialization delay
restore	Delay after restoring peer-link
<i>time-out</i>	Delay in bringing up the vPC links (in seconds)

Command Mode

- /exec/configure/vpc-domain

delay restore interface-vlan

delay restore interface-vlan <time-out> | no delay restore interface-vlan

Syntax Description

Syntax Description		
no		Negate a command or set its defaults
delay		Initialization delay
restore		Delay after restoring peer-link
interface-vlan		Delay in bringing-up interface-vlan
<i>time-out</i>		Delay in bringing up the interface-vlan (in seconds)

Command Mode

- /exec/configure/vpc-domain

delay restore orphan-port

delay restore orphan-port <delay_time> | no delay restore orphan-port

Syntax Description

Syntax Description		
no		Negate a command or set its defaults
delay		Initialization delay
restore		Delay after restoring peer-link
orphan-port		Configure vPC orphan-port delay bring-up timer
<i>delay_time</i>		Specify delay time in seconds

Command Mode

- /exec/configure/vpc-domain

delay up

delay { { up <up_delay> [down <down_delay>] } | { down <down_delay> [up <up_delay>] } } | no delay

Syntax Description

Syntax Description		
no		Negate a command or set its defaults
delay		Tracking delay
up		Delay up change notification
<i>up_delay</i>		Seconds to delay
down		(Optional) Delay down change notification
<i>down_delay</i>		(Optional) Seconds to delay

Command Mode

- /exec/configure/track /exec/configure/tr-list-bool /exec/configure/tr-list-thrp /exec/configure/tr-list-thrw

delete

delete { <uri0> | <uri1> | <uri2> } [no-prompt]

Syntax Description

Syntax Description	
delete	delete a file or directory
<i>uri0</i>	Delete a file or directory
<i>uri1</i>	Delete a file or directory on expansion flash
<i>uri2</i>	Directory or filename on logflash
no-prompt	(Optional) Do not prompt for multiple deletion of files

Command Mode

- /exec

delete ca-certificate

delete ca-certificate

Syntax Description

Syntax Description		
	delete	Delete the certificates
	ca-certificate	Delete the ca certificates

Command Mode

- /exec/configure/trustpoint

delete certificate

delete certificate [force]

Syntax Description

Syntax Description

delete Delete the certificates

certificate Delete the identity certificate

force (Optional) Force delete the identity certificate

Command Mode

- /exec/configure/trustpoint

delete crl

delete crl

Syntax Description

Syntax Description

~~delete~~ Delete the certificates

crl Delete the CRL

Command Mode

- /exec/configure/trustpoint

demand-circuit

[no] demand-circuit

Syntax Description

Syntax Description	no	(Optional) Negate a command or set its defaults
	demand-circuit	OSPF Demand circuit

Command Mode

- /exec/configure/router-ospf/vrf/router-ospf-slink

description

description <describe> | { no | default } description [<describe>]

Syntax Description

Syntax Description		
no		Negate a command or set its defaults
default		Inherit values from a peer template
description		Neighbor specific description
<i>describe</i>		Upto 80 characters describing this neighbor

Command Mode

- /exec/configure/router-bgp/router-bgp-neighbor-sess

description

description <line> | no description

Syntax Description

Syntax Description

no Negate a command or set its defaults

description Add a description for the role

line Enter the description string(can include spaces)

Command Mode

- /exec/configure/role

description

{ description <line> | no description }

Syntax Description

Syntax Description	<i>no</i>	Negate a command or set its defaults
	<i>description</i>	Description of the route-map
	<i>line</i>	Route-map description string

Command Mode

- /exec/configure/route-map

description

description <desc_line> | no description [<desc_line>]

Syntax Description

Syntax Description

no Negate a command or set its defaults

description Enter description of maximum 254 characters

desc_line Description of maximum 254 characters

Command Mode

- /exec/configure/if-any-tunnel

description

```
{ description <desc-str> | no description [ <desc-str> ] }
```

Syntax Description

Syntax Description	no	Negate a command or set its defaults
	description	Class-Map description
	<i>desc-str</i>	Description of this class-map (up to 200 characters)

Command Mode

- /exec/configure/class-map

description

[no] description <desc-str>

Syntax Description

Syntax Description	no	(Optional) Negate a command or set its defaults
	description	Class-Map description
	<i>desc-str</i>	Description of this class-map (up to 200 characters)

Command Mode

- /exec/configure/class-map/type/queuing

description

```
{ description <desc-str> | no description [ <desc-str> ] }
```

Syntax Description

Syntax	Description
no	Negate a command or set its defaults
description	Table-Map description
<i>desc-str</i>	Description of this table-map (up to 200 characters)

Command Mode

- /exec/configure/table-map

description

```
{ description <desc-str> | no description [ <desc-str> ] }
```

Syntax Description

Syntax Description	<code>no</code>	Negate a command or set its defaults
	<code>description</code>	Policy-Map description
	<code>desc-str</code>	Description of this policy-map (up to 200 characters)

Command Mode

- /exec/configure/policy-map

description

```
{ description <desc-str> | no description [ <desc-str> ] }
```

Syntax Description

Syntax Description	
no	Negate a command or set its defaults
description	Policy-Map description
<i>desc-str</i>	Description of this policy-map (up to 200 characters)

Command Mode

- /exec/configure/policy-map/type/queuing

description

[no] description [<desc>] | description <desc>

Syntax Description

Syntax Description	<i>no</i>	Negate a command or set its defaults
	<i>description</i>	Group description
	<i>desc</i>	(Optional) Up to 80 characters describing this group

Command Mode

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

description

{ [no] description <line> | no description }

Syntax Description

Syntax Description

description Provide a description for this Flow Record

line Record description string (63 characters maximum)

Command Mode

- /exec/configure/nfm-record

description

{ [no] description <line> | no description }

Syntax Description

Syntax Description

description Provide a description for this Flow Monitor

line Monitor description string (63 characters maximum)

Command Mode

- /exec/configure/nfm-monitor

description

{ [no] description <line> | no description }

Syntax Description

Syntax Description

description Provide a description for this Flow Exporter

line Monitor description string (63 characters maximum)

Command Mode

- /exec/configure/nfm-exporter

description

{ [no] description <line> | no description }

Syntax Description

Syntax Description

description Provide a description for this Flow Sampler

line Sampler description string (63 characters maximum)

Command Mode

- /exec/configure/nfm-sampler

description

description [port-profile] <desc_line> | no description [port-profile] [<desc_line>]

Syntax Description

Syntax Description

no Negate a command or set its defaults

description Enter port-profile description of maximum 80 characters

port-profile (Optional) Hack for conf-sync

desc_line Enter port-profile description of maximum 80 characters

Command Mode

- /exec/configure/port-profile

description

description <desc_line> | no description [<desc_line>]

Syntax Description

Syntax Description

no Negate a command or set its defaults

description Enter description of maximum 254 characters

desc_line Description of maximum 254 characters

Command Mode

- /exec/configure/if-eth-base /exec/configure/if-port-channel /exec/configure/if-eth-port-channel /exec/configure/if-ether-sub /exec/configure/if-ether-sub-p2p /exec/configure/if-port-channel-sub /exec/configure/if-loopback /exec/configure/if-ethernet-all /exec/configure/if-ethernet-p2p /exec/configure/if-remote-ethernet-sub /exec/configure/if-port-channel-range

description

description <desc_line> | no description [<desc_line>]

Syntax Description

Syntax Description

no	Negate a command or set its defaults
----	--------------------------------------

description	Enter description of maximum 254 characters
-------------	---

<i>desc_line</i>	Description of maximum 254 characters
------------------	---------------------------------------

Command Mode

- /exec/configure/if-mgmt-ether

description

description <desc_line> | no description [<desc_line>]

Syntax Description

Syntax Description

no Negate a command or set its defaults

description Enter description of maximum 254 characters

desc_line Description of maximum 254 characters

Command Mode

- /exec/configure/if-nve

description

description <desc_line> | no description [<desc_line>]

Syntax Description

Syntax Description

no	Negate a command or set its defaults
----	--------------------------------------

description	Enter description of maximum 80 characters
-------------	--

<i>desc_line</i>	Description of maximum 80 characters
------------------	--------------------------------------

Command Mode

- /exec/configure/if-overlay /exec/configure/if-te /exec/configure/if-nve

description

```
{ description <desc-str> | no description [ <desc-str> ] }
```

Syntax Description

Syntax Description	<code>no</code>	Negate a command or set its defaults
	<code>description</code>	Class-Map description
	<code>desc-str</code>	Description of this class-map (up to 200 characters)

Command Mode

- /exec/configure/class-map/type/uf

description

```
{ description <desc-str> | no description [ <desc-str> ] }
```

Syntax Description

Syntax Description	no	Negate a command or set its defaults
	description	Policy-Map description
	<i>desc-str</i>	Description of this policy-map (up to 200 characters)

Command Mode

- /exec/configure/policy-map/type/uf

description

```
{ [ no ] description <text> }
```

Syntax Description

Syntax Description	description	description for this profile
---------------------------	-------------	------------------------------

<i>text</i>	description
-------------	-------------

Command Mode

- /exec/configure/dot1x-cred

description

```
{ description <line> } | { no description }
```

Syntax Description

Syntax Description	<i>no</i>	Negate a command or set its defaults
	<i>description</i>	Description of the VRF
	<i>line</i>	VRF description string

Command Mode

- /exec/configure/vrf

description

```
{ description <description_text> | no description [ <description_text> ] }
```

Syntax Description

Syntax	Description
no	Negate a command or set its defaults
description	Virtual service description
<i>description_text</i>	Description of this virtual service

Command Mode

- /exec/configure/virt-serv

description

[no] description <description>

Syntax Description

Syntax Description	no	(Optional) Negate a command or set its defaults
---------------------------	----	---

description	Configure description for the policy
-------------	--------------------------------------

<i>description</i>	Description for the policy
--------------------	----------------------------

Command Mode

- /exec/configure/event-manager-applet

description

[no] description

Syntax Description

Syntax	Description
no	Negate a command or set its defaults
description	Configure description for the policy

Command Mode

- /exec/configure/event-manager-applet

description

description <desc_line> | no description

Syntax Description

Syntax Description	no	Negate a command or set its defaults
	description	Interface specific description
	<i>desc_line</i>	Up to 255 characters describing this interface

Command Mode

- /exec/configure/if-vlan-common

description

```
{ [ no ] description <descrip-string> }
```

Syntax Description

Syntax	Description
no	(Optional) Negate a command or set its defaults
description	Provide a description string for the LISP site
<i>descrip-string</i>	Description string

Command Mode

- /exec/configure/lisp-site /exec/configure/vrf/lisp-site

description

{ description <descr> } | { no description }

Syntax Description

Syntax Description

`description` Configure description of the profile

descr Description of maximum 64 characters

Command Mode

- /exec/configure/configngoamprofile

description description

[no] description | description <desc>

Syntax Description

Syntax Description	<i>no</i>	(Optional) Negate a command or set its defaults
	<i>description</i>	Pathway description
	<i>desc</i>	Up to 80 characters describing this pathway

Command Mode

- /exec/configure/if-eth-any/vrrs

dest-ipaddr

```
{ { no | default } dest-ipaddr | dest-ipaddr { <ip-address> | <hostname> } }
```

Syntax Description

Syntax Description		
no		Negate a command or set its defaults
default		Set a command to its defaults
dest-ipaddr		Destination ip address
<i>ip-address</i>		IP address, broadcast disallowed
<i>hostname</i>		IP Hostname, broadcast disallowed

Command Mode

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

dest-port

{ { no | default } dest-port | dest-port <port> }

Syntax Description

Syntax Description

no

default Set a command to its defaults

dest-port Destination port

port udp port number

Command Mode

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

destination-group

[no] destination-group <dgrp-id>

Syntax Description

Syntax Description	no	(Optional) Negate a command or set its defaults
	destination-group	Create destination group
	<i>dgrp-id</i>	Identifier

Command Mode

- /exec/configure/telemetry

destination-profile

[no] destination-profile <s0>

Syntax Description

Syntax Description	no	(Optional) Negate a command or set its defaults
	destination-profile	Configure destination profiles
	s0	User defined destination profile name

Command Mode

- /exec/configure/callhome

destination-profile CiscoTAC-1 alert-group

[no] destination-profile CiscoTAC-1 alert-group { All | Configuration | Diagnostic | EEM | Cisco-TAC | Environmental | Inventory | License | Linecard-Hardware | Supervisor-Hardware | Syslog-group-port | System | Test }

Syntax Description

Syntax Description		
no	(Optional)	Negate a command or set its defaults
destination-profile		Configure destination profiles
CiscoTAC-1		Configure destination profile for XML message
alert-group		Add alert group
All		This alert group consists of all of the callhome messages
Cisco-TAC		Events which are meant for Cisco TAC only
Environmental		Power,fan,temperature related events
Inventory		Inventory status events
License		Events related to licensing
Linecard-Hardware		Linecard related events
Supervisor-Hardware		Supervisor related events
Syslog-group-port		Events related to syslog messages filed by port manager
System		Software related events
Test		User generated test events
Configuration		Events related to Configuration
Diagnostic		Events related to Diagnostic
EEM		EEM events

Command Mode

- /exec/configure/callhome

destination-profile CiscoTAC-1 email-addr

[no] destination-profile CiscoTAC-1 email-addr <s0>

Syntax Description

Syntax Description	
no	(Optional) Negate a command or set its defaults
destination-profile	Configure destination profiles
CiscoTAC-1	Configure destination profile for XML message
email-addr	Add email addr
s0	Provide email address, example: jdow@xyz.com

Command Mode

- /exec/configure/callhome

destination-profile CiscoTAC-1 http

[no] destination-profile CiscoTAC-1 http <s0>

Syntax Description

Syntax Description	
no	(Optional) Negate a command or set its defaults
destination-profile	Configure destination profiles
CiscoTAC-1	Configure destination profile for XML message
http	Add http or https url
s0	Provide http or https url, example1: http://site.com/services/callserv example2: https://site2.com/serv/CALL

Command Mode

- /exec/configure/callhome

destination-profile CiscoTAC-1 message-level

destination-profile CiscoTAC-1 message-level <i0>

Syntax Description

Syntax Description

destination-profile Configure destination profiles

CiscoTAC-1 Configure destination profile for XML message

message-level Callhome message level(0-lowest urgency, 9-highest urgency)

i0

Command Mode

- /exec/configure/callhome

destination-profile CiscoTAC-1 message-size

```
destination-profile CiscoTAC-1 message-size <i0>
```

Syntax Description

Syntax Description

destination-profile	Configure destination profiles
CiscoTAC-1	Configure destination profile for XML message
message-size	Configure maximum message size (default 5000000)
<i>i0</i>	Provide maximum possible message size

Command Mode

- /exec/configure/callhome

destination-profile CiscoTAC-1 transport-method email

[no] destination-profile CiscoTAC-1 transport-method email

Syntax Description

Syntax Description	no	(Optional) Negate a command or set its defaults
	destination-profile	Configure destination profiles
	CiscoTAC-1	Configure destination profile for XML message
	transport-method	Callhome message sending transport-method
	email	email transport-method

Command Mode

- /exec/configure/callhome

destination-profile CiscoTAC-1 transport-method http

[no] destination-profile CiscoTAC-1 transport-method http

Syntax Description

Syntax Description	
no	(Optional) Negate a command or set its defaults
destination-profile	Configure destination profiles
CiscoTAC-1	Configure destination profile for XML message
transport-method	Callhome message sending transport-method
http	http transport-method

Command Mode

- /exec/configure/callhome

destination-profile alert-group

[no] destination-profile <s0> alert-group { All | Configuration | Diagnostic | EEM | Cisco-TAC | Environmental | Inventory | License | Linecard-Hardware | Supervisor-Hardware | Syslog-group-port | System | Test }

Syntax Description

Syntax Description		
no	(Optional)	Negate a command or set its defaults
destination-profile		Configure destination profiles
s0		User defined destination profile name
alert-group		Add alert group
All		This alert group consists of all of the callhome messages
Cisco-TAC		Events which are meant for Cisco TAC only
Environmental		Power, fan, temperature related events
Inventory		Inventory status events
License		Events related to licensing
Linecard-Hardware		Linecard related events
Supervisor-Hardware		Supervisor related events
Syslog-group-port		Events related to syslog messages filed by port manager
System		Software related events
Test		User generated test events
Configuration		Events related to Configuration
Diagnostic		Events related to Diagnostic
EEM		EEM events

Command Mode

- /exec/configure/callhome

destination-profile email-addr

[no] destination-profile <s0> email-addr <s1>

Syntax Description

Syntax Description	no	(Optional) Negate a command or set its defaults
	destination-profile	Configure destination profiles
	s0	User defined destination profile name
	email-addr	Add email addr
	s1	Provide email address, example: jdow@xyz.com

Command Mode

- /exec/configure/callhome

destination-profile format

destination-profile <*s0*> format { full-txt | short-txt | XML }

Syntax Description

Syntax Description	
destination-profile	Configure destination profiles
<i>s0</i>	User defined destination profile name
format	Callhome message format (default XML)
full-txt	Plain text message format
short-txt	Short text message format
XML	XML message format

Command Mode

- /exec/configure/callhome

destination-profile full-txt-destination alert-group

[no] destination-profile full-txt-destination alert-group { All | Configuration | Diagnostic | EEM | Cisco-TAC | Environmental | Inventory | License | Linecard-Hardware | Supervisor-Hardware | Syslog-group-port | System | Test }

Syntax Description

Syntax Description		
no	(Optional)	Negate a command or set its defaults
destination-profile		Configure destination profiles
full-txt-destination		Configure destination profile for plain txt message
alert-group		Add alert group
All		This alert group consists of all of the callhome messages
Cisco-TAC		Events which are meant for Cisco TAC only
Environmental		Power,fan,temperature related events
Inventory		Inventory status events
License		Events related to licensing
Linecard-Hardware		Linecard related events
Supervisor-Hardware		Supervisor related events
Syslog-group-port		Events related to syslog messages filed by port manager
System		Software related events
Test		User generated test events
Configuration		Events related to Configuration
Diagnostic		Events related to Diagnostic
EEM		EEM events

Command Mode

- /exec/configure/callhome

destination-profile full-txt-destination email-addr

[no] destination-profile full-txt-destination email-addr <s0>

Syntax Description

Syntax Description	no	(Optional) Negate a command or set its defaults
	destination-profile	Configure destination profiles
	full-txt-destination	Configure destination profile for plain txt message
	email-addr	Add email addr
	s0	Provide email address, example: jdow@xyz.com

Command Mode

- /exec/configure/callhome

destination-profile full-txt-destination http

[no] destination-profile full-txt-destination http <s0>

Syntax Description

Syntax Description

no	(Optional) Negate a command or set its defaults
destination-profile	Configure destination profiles
full-txt-destination	Configure destination profile for plain txt message
http	Add http or https url
s0	Provide http or https url, example1: http://site.com/services/callserv example2: https://site2.com/serv/CALL

Command Mode

- /exec/configure/callhome

destination-profile full-txt-destination message-level

destination-profile full-txt-destination message-level <i0>

Syntax Description

Syntax Description

destination-profile Configure destination profiles

full-txt-destination Configure destination profile for plain txt message

message-level Callhome message level(0-lowest urgency, 9-highest urgency)

i0

Command Mode

- /exec/configure/callhome

destination-profile full-txt-destination message-size

destination-profile full-txt-destination message-size <i0>

Syntax Description

Syntax Description

destination-profile	Configure destination profiles
full-txt-destination	Configure destination profile for plain txt message
message-size	Configure maximum message size (default 2500000)
<i>i0</i>	Provide maximum possible message size

Command Mode

- /exec/configure/callhome

destination-profile full-txt-destination transport-method email

[no] destination-profile full-txt-destination transport-method email

Syntax Description

Syntax Description	no	(Optional) Negate a command or set its defaults
	destination-profile	Configure destination profiles
	full-txt-destination	Configure destination profile for plain txt message
	transport-method	Callhome message sending transport-method
	email	email transport-method

Command Mode

- /exec/configure/callhome

destination-profile full-txt-destination transport-method http

[no] destination-profile full-txt-destination transport-method http

Syntax Description

Syntax Description	
no	(Optional) Negate a command or set its defaults
destination-profile	Configure destination profiles
full-txt-destination	Configure destination profile for plain txt message
transport-method	Callhome message sending transport-method
http	http transport-method

Command Mode

- /exec/configure/callhome

destination-profile http

[no] destination-profile <s4> { http <s2> }

Syntax Description

Syntax Description	
no	(Optional) Negate a command or set its defaults
destination-profile	Configure destination profiles
s4	User defined destination profile name
http	Add http or https url
s2	Provide http or https url, example1: http://site.com/services/callserv example2: https://site2.com/serv/CALL

Command Mode

- /exec/configure/callhome

destination-profile message-level

destination-profile <s0> message-level <i0>

Syntax Description

Syntax Description

destination-profile Configure destination profiles

s0 User defined destination profile name

message-level Callhome message level(0-lowest urgency, 9-highest urgency)

i0

Command Mode

- /exec/configure/callhome

destination-profile message-size

destination-profile <*s0*> message-size <*i0*>

Syntax Description

Syntax Description

destination-profile	Configure destination profiles
<i>s0</i>	User defined destination profile name
message-size	Configure maximum message size (default 2500000)
<i>i0</i>	Provide maximum possible message size

Command Mode

- /exec/configure/callhome

destination-profile short-txt-destination alert-group

[no] destination-profile short-txt-destination alert-group { All | Configuration | Diagnostic | EEM | Cisco-TAC | Environmental | Inventory | License | Linecard-Hardware | Supervisor-Hardware | Syslog-group-port | System | Test }

Syntax Description

Syntax Description	
no	(Optional) Negate a command or set its defaults
destination-profile	Configure destination profiles
short-txt-destination	Configure destination profile for short txt message
alert-group	Add alert group
All	This alert group consists of all of the callhome messages
Cisco-TAC	Events which are meant for Cisco TAC only
Environmental	Power,fan,temperature related events
Inventory	Inventory status events
License	Events related to licensing
Linecard-Hardware	Linecard related events
Supervisor-Hardware	Supervisor related events
Syslog-group-port	Events related to syslog messages filed by port manager
System	Software related events
Test	User generated test events
Configuration	Events related to Configuration
Diagnostic	Events related to Diagnostic
EEM	EEM events

Command Mode

- /exec/configure/callhome

destination-profile short-txt-destination email-addr

[no] destination-profile short-txt-destination email-addr <s0>

Syntax Description

Syntax Description	no	(Optional) Negate a command or set its defaults
	destination-profile	Configure destination profiles
	short-txt-destination	Configure destination profile for short txt message
	email-addr	Add email addr
	s0	Provide email address, example: jdow@xyz.com

Command Mode

- /exec/configure/callhome

destination-profile short-txt-destination http

[no] destination-profile short-txt-destination http <s0>

Syntax Description

Syntax Description	
no	(Optional) Negate a command or set its defaults
destination-profile	Configure destination profiles
short-txt-destination	Configure destination profile for short txt message
http	Add http or https url
s0	Provide http or https url, example1: http://site.com/services/callserv example2: https://site2.com/serv/CALL

Command Mode

- /exec/configure/callhome

destination-profile short-txt-destination message-level

destination-profile short-txt-destination message-level <i0>

Syntax Description

Syntax Description

destination-profile Configure destination profiles

short-txt-destination Configure destination profile for short txt message

message-level Callhome message level(0-lowest urgency, 9-highest urgency)

i0

Command Mode

- /exec/configure/callhome

destination-profile short-txt-destination message-size

destination-profile short-txt-destination message-size <i0>

Syntax Description

Syntax Description

destination-profile Configure destination profiles

short-txt-destination Configure destination profile for short txt message

message-size Configure maximum message size (default 4000)

i0

Command Mode

- /exec/configure/callhome

destination-profile short-txt-destination transport-method email

[no] destination-profile short-txt-destination transport-method email

Syntax Description

Syntax Description	
no	(Optional) Negate a command or set its defaults
destination-profile	Configure destination profiles
short-txt-destination	Configure destination profile for short txt message
transport-method	Callhome message sending transport-method
email	email transport-method

Command Mode

- /exec/configure/callhome

destination-profile short-txt-destination transport-method http

[no] destination-profile short-txt-destination transport-method http

Syntax Description

Syntax Description		
no	(Optional)	Negate a command or set its defaults
destination-profile		Configure destination profiles
short-txt-destination		Configure destination profile for short txt message
transport-method		Callhome message sending transport-method
http		http transport-method

Command Mode

- /exec/configure/callhome

destination-profile transport-method email

[no] destination-profile <s5> transport-method email

Syntax Description

Syntax Description	no	(Optional) Negate a command or set its defaults
	destination-profile	Configure destination profiles
	s5	User defined destination profile name
	transport-method	Callhome message sending transport-method
	email	email transport-method

Command Mode

- /exec/configure/callhome

destination-profile transport-method http

[no] destination-profile <s6> transport-method http

Syntax Description

Syntax Description	no	(Optional) Negate a command or set its defaults
	destination-profile	Configure destination profiles
	s6	User defined destination profile name
	transport-method	Callhome message sending transport-method
	http	http transport-method

Command Mode

- /exec/configure/callhome

destination

[no] destination | destination <ipaddr>

Syntax Description

Syntax Description	<i>no</i>	Negate a command or set its defaults
	<i>destination</i>	destination of tunnel
	<i>ipaddr</i>	ip address (A.B.C.D)

Command Mode

- /exec/configure/if-te

destination

```
{ [ no ] destination { <ipaddr> | <ipv6addr> } [ use-vrf { <vrf_name> | <vrf-known-name> } ] | no destination }
```

Syntax Description

Syntax Description	destination	Specify the destination address
	<i>ipaddr</i>	Destination IP address for collector
	use-vrf	(Optional) Optional VRF label
	<i>vrf_name</i>	(Optional) VRF name
	<i>vrf-known-name</i>	(Optional) Known VRF name

Command Mode

- /exec/configure/nfm-exporter

device-group

```
{ device-group <name> } | { no device-group <name> }
```

Syntax Description

Syntax Description	<code>no</code>	Negate a command or set its defaults
	<code>device-group</code>	ITD device group
	<i>name</i>	ITD device group name

Command Mode

- /exec/configure/itd

device-group

{ device-group <name> } | { no device-group <name> }

Syntax Description

Syntax Description	no	Negate a command or set its defaults
	device-group	ITD device group
	<i>name</i>	ITD device group name

Command Mode

- /exec/configure/itd

devtest sap

```
devtest sap <sap> [ exec <func> ]
```

Syntax Description

Syntax Description

devtest Remote API invocation (helps testing and debugging)

sap Specify the SAP address of the destination queue

sap SAP address of the destination queue (0 == Registry)

exec (Optional) Specify the API name to be invoked on the remote feature

func (Optional) Examples:

Command Mode

- /exec

diagnostic bootup level

[no] diagnostic bootup level

Syntax Description

Syntax Description	
no	Negate a command or set its defaults
diagnostic	Diagnostic commands
bootup	Configure Diagnostic for bootup
level	Select diagnostic level

Command Mode

- /exec/configure

diagnostic bootup level bypass

diagnostic bootup level { bypass | complete }

Syntax Description

Syntax Description	
diagnostic	Diagnostic commands
bootup	Configure Diagnostic for bootup
level	Select diagnostic level
bypass	Skip all bootup test
complete	Complete level

Command Mode

- /exec/configure

diagnostic clear result module all diagnostic clear result module test

diagnostic clear result module all | diagnostic clear result module <module> test { <test-id> | all }

Syntax Description

Syntax Description	
diagnostic	Diagnostic commands
clear	Erase Diagnostic Test Results/Stats
result	Diagnostic test result
module	Module keyword
<i>module</i>	Module number
all	Select all
test	Diagnostic test selection
<i>test-id</i>	

Command Mode

- /exec

diagnostic eem action aggressive

[no] diagnostic eem action aggressive

Syntax Description

Syntax Description	
no	(Optional) Negate a command or set its defaults
diagnostic	Diagnostic commands
eem	Configure Diagnostic for eem
action	Select diagnostic action
aggressive	Take aggressive default actions

Command Mode

- /exec/configure

diagnostic monitor interval module test all hour min second

diagnostic monitor interval module <module> test { all | <name> | <test-id> } hour <hour-cntr> min <min-cntr> second <sec-cntr> | no diagnostic monitor interval module <module> test { all | <name> | <test-id> }

Syntax Description

Syntax Description		
no		Negate a command or set its defaults
diagnostic		Diagnostic commands
monitor		Configure diagnostic monitoring test
interval		Configure diagnostic monitoring tests interval
module		Module Keyword
<i>module</i>		Module number
test		Diagnostic test selection
all		Select all test ID
<i>test-id</i>		
<i>name</i>		Test name
hour		Hour of the day
<i>hour-cntr</i>		Interval in hours
min		Minute of an hour
<i>min-cntr</i>		Interval in minutes
second		Second of a minute
<i>sec-cntr</i>		Interval in seconds

Command Mode

- /exec/configure

diagnostic monitor module all

[no] diagnostic monitor module all [test <name>]

Syntax Description

Syntax Description	
no	(Optional) Negate a command or set its defaults
diagnostic	Diagnostic commands
monitor	Configure diagnostic monitoring test
module	Module Keyword
all	Select all module ID
test	(Optional) Diagnostic test selection
<i>name</i>	(Optional) Test name

Command Mode

- /exec/configure

diagnostic monitor module test all

```
diagnostic monitor module <module> test { all | <name> | <test-id> } | no diagnostic monitor module <module>
test { all | <name> | <test-id> }
```

Syntax Description

Syntax Description	
no	Negate a command or set its defaults
diagnostic	Diagnostic commands
monitor	Configure diagnostic monitoring test
module	Module Keyword
<i>module</i>	Module number
test	Diagnostic test selection
all	Select all test ID
<i>test-id</i>	
<i>name</i>	Test name

Command Mode

- /exec/configure

diagnostic ondemand action-on-failure continue failure-count diagnostic ondemand action-on-failure stop

diagnostic ondemand action-on-failure continue failure-count <failure-cnt> | diagnostic ondemand
action-on-failure stop

Syntax Description

Syntax Description

diagnostic	Diagnostic commands
ondemand	On demand diagnostic setting
action-on-failure	Set action to take if test fails
continue	Continue ondemand test until test failure limit is reached
failure-count	Continue failing tests this many times
stop	Stop ondemand tests immediately if a test fails
<i>failure-cnt</i>	Maximum number of test failures allowed

Command Mode

- /exec

diagnostic ondemand iteration

diagnostic ondemand iteration <iteration-count>

Syntax Description

Syntax Description		
	diagnostic	Diagnostic commands
	ondemand	On demand diagnostic setting
	iteration	Set number of times to repeat ondemand test list
	<i>iteration-count</i>	Number of times to repeat ondemand test list

Command Mode

- /exec

diagnostic ondemand test-parameter module test port_lb packet-length

diagnostic ondemand test-parameter module <module> test port_lb packet-length <size>

Syntax Description

Syntax Description		
diagnostic	Diagnostic commands	
ondemand	Ondemand command	
test-parameter	Set test parameter	
module	Module keyword	
<i>module</i>	Module number	
test	Diagnostic test selection	
port_lb	Port loop back test	
packet-length	Size of the packet	
<i>size</i>	Packet size for the selected module	

Command Mode

- /exec

diagnostic pss shrink

diagnostic pss shrink

Syntax Description

Syntax Description	diagnostic	Diagnostic commands
	pss	PSS command
	shrink	compact the diag_port_lb PSS

Command Mode

- /exec

diagnostic start module test

diagnostic start module <module> test { all | <name> | <test-id> | non-disruptive | per-port } [port { iall | <port-id> }]

Syntax Description

Syntax Description	
diagnostic	Diagnostic commands
start	Starting on demand diagnostic
module	Module keyword
<i>module</i>	Module Number
test	Diagnostic test selection
all	Select all test ID
<i>name</i>	Test name
<i>test-id</i>	
non-disruptive	Select the Non-Disruptive test suite [Attribute = N]
per-port	Select the Per-Port test suite [Attribute = P]
port	(Optional) Interface port selection
iall	(Optional) Select all ports
<i>port-id</i>	(Optional)

Command Mode

- /exec

diagnostic stop module test all

```
diagnostic stop module <module> test { all | <name> | <test-id> }
```

Syntax Description

Syntax Description	
diagnostic	Diagnostic commands
stop	Stopping diagnostic
module	Module keyword
<i>module</i>	Module Number
test	Diagnostic test selection
all	Select all test ID
<i>test-id</i>	
<i>name</i>	Test name

Command Mode

- /exec

diagnostic test simulation module test diagnostic test simulation module test clear

```
diagnostic test simulation module <module> test <test-id> [ port { <port-id> | all } ] { success | fail | random-fail } | diagnostic test simulation module <module> test <test-id> clear
```

Syntax Description

Syntax Description

diagnostic	Diagnostic commands
test	Diagnostic test selection
simulation	Simulating Diagnostic result
module	Module keyword
<i>module</i>	Module Number
test	Diagnostic test selection
<i>test-id</i>	
port	(Optional) Interface port selection
all	(Optional) Select all ports
<i>port-id</i>	(Optional)
success	pass test result
fail	fail test result
random-fail	fail test result randomly
clear	Stop simulation

Command Mode

- /exec

diff-clean

diff-clean [all-sessions]

Syntax Description

Syntax Description

diff-clean remove temp files created by '| diff' filters

all-sessions (Optional) remove '| diff' temp files from all sessions (past and present!) of current user

Command Mode

- /exec

diff-clean all-users

diff-clean all-users

Syntax Description

Syntax Description

diff-clean remove temp files created by '| diff' filters

all-users remove '| diff' temp files from all sessions (past and present!) of all users

Command Mode

- /exec

diff

| diff [again | echo | -c [<lines>] | -b | -B | -i | -I <regexp> | -y | --left-column | -W <columns> | -q | -s] +

Syntax Description

Syntax Description

	Pipe command output to filter
diff	show difference between current and previous invocation (creates temp files: remove them with 'diff-clean' command and dont use it on commands with big outputs, like 'show tech!')
again	(Optional) dont create new file: use old ones, just change display options or add more filters
echo	(Optional) echo the current file (only effective if no old file)
-c	(Optional) set number of lines of context (default 3)
<i>lines</i>	(Optional) number of lines of context
-b	(Optional) Ignore changes in amount of white space
-B	(Optional) Ignore changes that just insert or delete blank lines
-i	(Optional) Ignore changes in case
-I	(Optional) Ignore changes that just insert or delete lines that match regexp
<i>regexp</i>	(Optional) regexp of lines to ignore
-y	(Optional) Use the side by side output format
--left-column	(Optional) Print only the left column of two common lines in side by side format
-W	(Optional) Use an output width of <columns> in side by side format
<i>columns</i>	(Optional) Use an output width of <columns> in side by side format
-q	(Optional) Report only whether the files differ, not the details of the differences
-s	(Optional) Report when two files are the same

Command Mode

- /output

dir

dir [<uri0> | <uri1> | <uri2>]

Syntax Description

Syntax Description

dir list files in a directory

uri0 (Optional) Directory or filename

uri1 (Optional) Directory or filename on expansion flash

uri2 (Optional) Directory or filename on log flash

Command Mode

- /exec

disable-connected-check

[no | default] disable-connected-check

Syntax Description

Syntax Description		
no	(Optional)	Negate a command or set its defaults
default	(Optional)	Inherit values from a peer template
disable-connected-check		Disable check for directly connected peer

Command Mode

- /exec/configure/router-bgp/router-bgp-neighbor-sess

disable-memory-alert-check

[no] disable-memory-alert-check

Syntax Description

Syntax Description	no	(Optional) Negate a command or set its defaults
	disable-memory-alert-check	Disables the system memory alert handling in BGP

Command Mode

- /exec/configure/router-bgp

disable-peer-as-check

[no | default] disable-peer-as-check

Syntax Description

Syntax Description		
no	(Optional)	Negate a command or set its defaults
default	(Optional)	Inherit values from a peer template
disable-peer-as-check		Disable checking of peer AS-number while advertising

Command Mode

- /exec/configure/router-bgp/router-bgp-vrf-neighbor/router-bgp-vrf-neighbor-af-ipv4
- /exec/configure/router-bgp/router-bgp-vrf-neighbor/router-bgp-vrf-neighbor-af-ipv6
- /exec/configure/router-bgp/router-bgp-neighbor/router-bgp-neighbor-af
- /exec/configure/router-bgp/router-bgp-neighbor/router-bgp-neighbor-af-l2vpn-evpn
- /exec/configure/router-bgp/router-bgp-neighbor/router-bgp-neighbor-af-ipv4-label
- /exec/configure/router-bgp/router-bgp-neighbor/router-bgp-neighbor-af-ipv6-label

disable-policy-batching

[no] disable-policy-batching [nexthop | { { ipv4 | ipv6 } prefix-list <prfxlist-name> }]

Syntax Description

Syntax Description		
no	(Optional)	Negate a command or set its defaults
disable-policy-batching		Disable batching evaluation of outbound policy for a peer
nexthop	(Optional)	batching based on nexthop
ipv4	(Optional)	IPv4 address-family
ipv6	(Optional)	IPv6 address-family
prefix-list	(Optional)	Apply prefix-list
<i>prfxlist-name</i>	(Optional)	Name of prefix-list

Command Mode

- /exec/configure/router-bgp

disable

disable

Syntax Description

Syntax Description

disable disable
callhome

Command Mode

- /exec/configure/callhome

discard-route external

[no] discard-route { external | internal }

Syntax Description

Syntax Description	
no	(Optional) Negate a command or set its defaults
discard-route	Install discard route
external	External route
internal	Internal route

Command Mode

- /exec/configure/router-ospf /exec/configure/router-ospf/vrf

discard-route external

[no] discard-route { external | internal }

Syntax Description

Syntax Description	no	(Optional) Negate a command or set its defaults
	discard-route	Install discard route
	external	External route
	internal	Internal route

Command Mode

- /exec/configure/router-ospf3 /exec/configure/router-ospf3/vrf

discovery

```
discovery { quick-start | hello { holdtime <link-hello-holdtime> | interval <link-hello-intvl> } | targeted-hello
{ accept [ from <pfx-list> ] | tgt-holdtime <tgt-hello-holdtime> | tgt-interval <tgt-hello-intvl> } |
ignore-transport-address | omit-transport-address | spoofing } | no discovery { quick-start | hello { holdtime |
interval } | targeted-hello { accept | tgt-holdtime | tgt-interval } | ignore-transport-address | omit-transport-address
| spoofing }
```

Syntax Description

Syntax Description

no	Negate a command or set its defaults
discovery	LDP discovery
quick-start	Enable quick LDP Hello transmissions on interface up
hello	LDP discovery Hello
interval	LDP discovery Hello interval
holdtime	LDP discovery Hello holdtime
<i>link-hello-holdtime</i>	Holdtime in seconds
<i>link-hello-intvl</i>	Hello interval in seconds
targeted-hello	LDP discovery Targeted Hello
accept	Accept targeted hellos
from	(Optional) Prefix list to specify acceptable targeted hello sources
<i>pfx-list</i>	(Optional) Name of prefix list
tgt-holdtime	LDP discovery Targeted Hello holdtime
<i>tgt-hello-holdtime</i>	Holdtime in seconds
tgt-interval	LDP discovery Targeted Hello interval
<i>tgt-hello-intvl</i>	Hello interval in seconds
ignore-transport-address	
omit-transport-address	
spoofing	

Command Mode

- /exec/configure/ldp

distance

distance <ebgp-dist> <ibgp-dist> <local-dist> | no distance [<ebgp-dist> <ibgp-dist> <local-dist>]

Syntax Description

Syntax Description	no	Negate a command or set its defaults
	distance	Configure administrative distance
	<i>ebgp-dist</i>	Distance for EBGp routes
	<i>ibgp-dist</i>	Distance for IBGP routes
	<i>local-dist</i>	Distance for local routes

Command Mode

- /exec/configure/router-bgp/router-bgp-af

distance

distance <admin-dist> | no distance [<admin-dist>]

Syntax Description

Syntax Description	
no	Negate a command or set its defaults
distance	OSPF administrative distance
<i>admin-dist</i>	administrative distance value

Command Mode

- /exec/configure/router-ospf /exec/configure/router-ospf/vrf

distance

distance <distance> | no distance [<distance>]

Syntax Description

Syntax Description

no Negate a command or set its defaults

distance RIP administrative distance

distance RIP administrative distance

Command Mode

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

distance

```
{ { distance <int-distance> <ext-distance> } | { no distance [ <int-distance> <ext-distance> ] } }
```

Syntax Description

Syntax Description	
no	Negate a command or set its defaults
distance	Define an administrative distance
<i>int-distance</i>	Distance for internal routes
<i>ext-distance</i>	Distance for external routes

Command Mode

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

distance

distance <admin-dist> | no distance [<admin-dist>]

Syntax Description

Syntax Description	
no	Negate a command or set its defaults
distance	Administrative distance
<i>admin-dist</i>	Distance value

Command Mode

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

distance

distance <admin-dist> | no distance [<admin-dist>]

Syntax Description

Syntax	Description
no	Negate a command or set its defaults
distance	OSPFv3 administrative distance
<i>admin-dist</i>	administrative distance value

Command Mode

- /exec/configure/router-ospf3/router-ospf3-af-ipv6 /exec/configure/router-ospf3/vrf/router-ospf3-af-ipv6

distribute-list route in

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

Syntax Description

Syntax Description	
no	(Optional) Negate a command or set its defaults
distribute-list	Filter networks in routing updates
route-map	Use a route-map for route filtering
<i>map</i>	Route-map name
prefix-list	Use a prefix-list for route filtering
<i>list</i>	Reference to prefix-list name
in	Filter incoming routing updates
out	Filter outgoing routing updates
<i>interface</i>	Interface name

Command Mode

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

distribute into route-map all

```
{ { distribute <src-level> into <dst-level> { { route-map { <map-name> | <rtr_pol_name> } } | all } } | { no
distribute <src-level> into <dst-level> [ { route-map { <map-name> | <rtr_pol_name> } } | all ] } }
```

Syntax Description

Syntax Description		
no		Negate a command or set its defaults
distribute		Distribute routes between ISIS levels
<i>src-level</i>		Route-distribution between levels
<i>dst-level</i>		Route-distribution between levels
route-map		Route Map to constrain distribution
into		from level-n into level-m
<i>map-name</i>		A 'routing-rules' route-map name
<i>rtr_pol_name</i>		An existing routing-rules policy
all		Distribute all level-n routes

Command Mode

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

dns

```
[no] dns { <WORD> } { name-server { <hostname> | <ip-address> } } { [ source-ip { <source-ip-hostname> | <source-ip-address> } ] [ source-port <src-port> ] } +
```

Syntax Description

Syntax Description

no	(Optional)
<i>source-ip</i>	(Optional) source-port
<i>src-port</i>	(Optional)
dns	DNS Operation
<i>WORD</i>	Target IP Address or Hostname
name-server	Name Server
<i>hostname</i>	Destination hostname, broadcast disallowed
<i>ip-address</i>	Destination IP address, broadcast disallowed
<i>source-ip-hostname</i>	(Optional) source IP hostname, broadcast disallowed
<i>source-ip-address</i>	(Optional) source IP address, broadcast disallowed
source-port	(Optional) Source Port

Command Mode

- /exec/configure/ip-sla

domain-id

domain-id { <id> | { type <dtype> value <dvalue> } | Null } | no domain-id [<id> | { type <dtype> value <dvalue> } | Null]

Syntax Description

Syntax Description		
no		Negate a command or set its defaults
domain-id		OSPF domain-ID
<i>id</i>		OSPF domain ID in IP address format
type		OSPF domain ID type in Hex format
<i>dtype</i>		OSPF domain ID type in Hex format
value		OSPF domain ID ext. community value in Hex
<i>dvalue</i>		
Null		Null Domain-ID

Command Mode

- /exec/configure/router-ospf/vrf

domain-id secondary

domain-id { <id> | { type <dtype> value <dvalue> } | Null } secondary | no domain-id [<id> | { type <dtype> value <dvalue> } | Null] secondary

Syntax Description

Syntax Description		
no		Negate a command or set its defaults
domain-id		OSPF domain-ID
<i>id</i>		OSPF domain ID in IP address format
type		OSPF domain ID type in Hex format
<i>dtype</i>		OSPF domain ID type in Hex format
value		OSPF domain ID ext. community value in Hex
<i>dvalue</i>		
Null		Null Domain-ID
secondary		Secondary Domain-ID

Command Mode

- /exec/configure/router-ospf/vrf

domain-tag

[no] domain-tag <as-number>

Syntax Description

Syntax Description	no	(Optional) Negate a command or set its defaults
	domain-tag	Set OSPF process domain-tag
	<i>as-number</i>	AS number

Command Mode

- /exec/configure/router-ospf/vrf

dont-capability-negotiate

[no | default] dont-capability-negotiate

Syntax Description

Syntax Description	
no	(Optional) Negate a command or set its defaults
default	(Optional) Inherit values from a peer template
dont-capability-negotiate	Don't negotiate capability with this neighbor

Command Mode

- /exec/configure/router-bgp/router-bgp-neighbor-sess

dos2nxos

dos2nxos <uri0>

Syntax Description

Syntax Description	dos2nxos DOS to NXOS text file format converter
	<i>uri0</i> Filename to be displayed

Command Mode

- /exec

dot1q

{ dot1q <dot1q-id> <intf-id> } | { no dot1q }

Syntax Description

Syntax Description

no Negate a command or set its defaults

dot1q Encapsulation dot1q/bd

dot1q-id Encapsulation dot1q/bd value

intf-id Name of the interface for ngoam on which dot1q is configured

Command Mode

- /exec/configure/configngoamprofile

dot1q

```
{ dot1q <vlan-id> [ cos <cos-val> ] } | { no dot1q }
```

Syntax Description

Syntax Description	
no	Negate a command or set its defaults
dot1q	specify flow profile to include dot1q tag
<i>vlan-id</i>	specify flow profile vlan-id
cos	(Optional) specify class of service
<i>cos-val</i>	(Optional) class of service value

Command Mode

- /exec/configure/configngoamprofileflow

dot1q default dynamic

{ dot1q default dynamic } | { no dot1q default }

Syntax Description

Syntax Description	
no	Negate a command or set its defaults
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

dot1x default

dot1x default

Syntax Description

Syntax Description
dot1x dot1x configuration commands

Command Mode

- /exec/configure

dot1x default

dot1x default

Syntax Description

Syntax Description

dot1x dot1x configuration
commands

Command Mode

- /exec/configure/if-eth-base /exec/configure/if-ethernet-all

dot1x host-mode

dot1x host-mode <host_mode> | no dot1x host-mode

Syntax Description

Syntax Description	
dot1x	dot1x configuration commands
host-mode	role of 802.1x authenticating entity
host_mode	Host Mode

Command Mode

- /exec/configure/if-eth-base /exec/configure/if-ethernet-all

dot1x mac-auth-bypass

dot1x mac-auth-bypass [eap] | no dot1x mac-auth-bypass

Syntax Description

Syntax Description		
no		Negate a command or set its defaults
dot1x		dot1x configuration commands
mac-auth-bypass		Configure Mac-Auth-Bypass
eap		(Optional) EAP Authentication

Command Mode

- /exec/configure/if-eth-base /exec/configure/if-ethernet-all

dot1x max-reauth-req

dot1x max-reauth-req <count> | no dot1x max-reauth-req

Syntax Description

Syntax Description	dot1x	dot1x configuration commands
	max-reauth-req	Maximum Re-authentication Attempts Before Failing
	<i>count</i>	number of retries

Command Mode

- /exec/configure/if-eth-base /exec/configure/if-ethernet-all

dot1x max-req

dot1x max-req <count> | no dot1x max-req

Syntax Description

Syntax Description	dot1x	dot1x configuration commands
	max-req	Maximum Retries to Initiate Authentication
	count	number of retries

Command Mode

- /exec/configure

dot1x max-req

dot1x max-req <count> | no dot1x max-req

Syntax Description

Syntax Description

`dot1x` dot1x configuration commands

`max-req` Maximum Retries to Initiate Authentication

`count` number of retries

Command Mode

- /exec/configure/if-eth-base /exec/configure/if-ethernet-all

dot1x pae

[no] dot1x pae <pae-value>

Syntax Description

Syntax Description	
dot1x	dot1x configuration commands
pae	role of 802.1x authenticating entity
<i>pae-value</i>	role

Command Mode

- /exec/configure/if-eth-base /exec/configure/if-ethernet-all

dot1x port-control

[no] dot1x port-control <port-control-value>

Syntax Description

Syntax Description		
	dot1x	dot1x configuration commands
	port-control	port control
	<i>port-control-value</i>	set the port-control value

Command Mode

- /exec/configure/if-eth-base /exec/configure/if-ethernet-all

dot1x radius-accounting

[no] dot1x radius-accounting

Syntax Description

Syntax Description		
	dot1x	dot1x configuration commands
	radius-accounting	accounting messages to RADIUS

Command Mode

- /exec/configure

dot1x re-authenticate

```
{ dot1x re-authenticate } | { dot1x re-authenticate interface <if> }
```

Syntax Description

Syntax Description	
dot1x	dot1x configuration commands
re-authenticate	Manually re-authenticate an Interface
<i>if</i>	target interface

Command Mode

- /exec

dot1x re-authentication

[no] dot1x re-authentication

Syntax Description

Syntax Description	dot1x	dot1x configuration commands
	re-authentication	Enable or Disable Reauthentication for this port

Command Mode

- /exec/configure

dot1x re-authentication

[no] dot1x re-authentication

Syntax Description

Syntax Description	
dot1x	dot1x configuration commands
re-authentication	Enable or Disable Reauthentication for this port

Command Mode

- /exec/configure/if-eth-base /exec/configure/if-ethernet-all

dot1x show credential

dot1x show credential <name>

Syntax Description

Syntax Description

dot1x	dot1x configuration commands
-------	------------------------------

credential	supplicant credential profile
------------	-------------------------------

<i>name</i>	profile name
-------------	--------------

Command Mode

- /exec/configure/dot1x-cred

dot1x start supplicant interface

```
{ dot1x start supplicant interface <if> } | { dot1x start supplicant interface <if> credential <name> }
```

Syntax Description

Syntax Description	<i>dot1x</i>	dot1x configuration commands
	<i>start</i>	start 802.1x client
	<i>supplicant</i>	802.1x supplicant
	<i>if</i>	target interface
	<i>credential</i>	credential profile name
	<i>name</i>	name

Command Mode

- /exec

dot1x stop supplicant interface

dot1x stop supplicant interface <if>

Syntax Description

Syntax Description		
dot1x	dot1x configuration commands	
stop	stop 802.1x client	
supplicant	802.1x supplicant	
<i>if</i>	target interface	

Command Mode

- /exec

dot1x supplicant credential

[no] dot1x supplicant credential <name>

Syntax Description

Syntax Description	dot1x	dot1x configuration commands
	supplicant	802.1x supplicant
	credential	credential profile name
	<i>name</i>	name

Command Mode

- /exec/configure/if-eth-base /exec/configure/if-ethernet-all

dot1x supplicant credential

[no] dot1x supplicant credential <name>

Syntax Description

Syntax Description	
dot1x	dot1x configuration commands
supplicant	802.1x supplicant
credential	supplicant credential profile

Command Mode

- /exec/configure

dot1x supplicant default

dot1x supplicant default

Syntax Description

Syntax Description	
dot1x	dot1x configuration commands
supplicant	802.1x supplicant

Command Mode

- /exec/configure/if-eth-base /exec/configure/if-ethernet-all

dot1x supplicant max-start

[no] dot1x supplicant max-start <count>

Syntax Description

Syntax Description		
dot1x	dot1x configuration commands	
supplicant	802.1x supplicant	
max-start	Maximum Start Requests	
<i>count</i>	number	

Command Mode

- /exec/configure

dot1x supplicant max-start

[no] dot1x supplicant max-start <count>

Syntax Description

Syntax Description	
dot1x	dot1x configuration commands
supplicant	802.1x supplicant
max-start	Maximum Start Requests
<i>count</i>	number

Command Mode

- /exec/configure/if-eth-base /exec/configure/if-ethernet-all

dot1x supplicant timeout auth-period

[no] dot1x supplicant timeout auth-period <value>

Syntax Description

Syntax Description		
dot1x		dot1x configuration commands
supplicant	802.1x	supplicant
timeout		Various Timeouts
auth-period		waiting period for responses from authenticator
<i>value</i>		time interval in seconds

Command Mode

- /exec/configure

dot1x supplicant timeout auth-period

[no] dot1x supplicant timeout auth-period <value>

Syntax Description

Syntax Description	dot1x	dot1x configuration commands
	supplicant	802.1x supplicant
	timeout	Various Timeouts
	auth-period	waiting period for responses from authenticator
	<i>value</i>	time interval in seconds

Command Mode

- /exec/configure/if-eth-base /exec/configure/if-ethernet-all

dot1x supplicant timeout held-period

[no] dot1x supplicant timeout held-period <value>

Syntax Description

Syntax Description		
dot1x		dot1x configuration commands
supplicant	802.1x	supplicant
timeout		Various Timeouts
held-period		waiting period for retrying, after failed authentication
<i>value</i>		time interval in seconds

Command Mode

- /exec/configure

dot1x supplicant timeout held-period

[no] dot1x supplicant timeout held-period <value>

Syntax Description

Syntax Description	dot1x	dot1x configuration commands
	supplicant	802.1x supplicant
	timeout	Various Timeouts
	held-period	waiting period for retrying, after failed authentication
	<i>value</i>	time interval in seconds

Command Mode

- /exec/configure/if-eth-base /exec/configure/if-ethernet-all

dot1x supplicant timeout start-period

[no] dot1x supplicant timeout start-period <value>

Syntax Description

Syntax Description		
dot1x		dot1x configuration commands
supplicant		802.1x supplicant
timeout		Various Timeouts
start-period		Interval Between Start Requests
<i>value</i>		time interval in seconds

Command Mode

- /exec/configure

dot1x supplicant timeout start-period

[no] dot1x supplicant timeout start-period <value>

Syntax Description

Syntax Description	dot1x	dot1x configuration commands
	supplicant	802.1x supplicant
	timeout	Various Timeouts
	start-period	Interval Between Start Requests
	<i>value</i>	time interval in seconds

Command Mode

- /exec/configure/if-eth-base /exec/configure/if-ethernet-all

dot1x system-auth-control

[no] dot1x system-auth-control

Syntax Description

Syntax Description	
dot1x	dot1x configuration commands
system-auth-control	Enable or Disable SysAuthControl

Command Mode

- /exec/configure

dot1x timeout quiet-period

dot1x timeout quiet-period <value> | no dot1x timeout quiet-period

Syntax Description

Syntax Description	dot1x	dot1x configuration commands
	timeout	Various Timeouts
	quiet-period	Timeout For Retrying Authentication After Failed Authentication
	<i>value</i>	time interval in seconds

Command Mode

- /exec/configure

dot1x timeout quiet-period

dot1x timeout quiet-period <value> | no dot1x timeout quiet-period

Syntax Description

Syntax Description

dot1x	dot1x configuration commands
timeout	Various Timeouts
quiet-period	Timeout For Retrying Authentication After Failed Authentication
<i>value</i>	time interval in seconds

Command Mode

- /exec/configure/if-eth-base /exec/configure/if-ethernet-all

dot1x timeout ratelimit-period

dot1x timeout ratelimit-period <value> | no dot1x timeout ratelimit-period

Syntax Description

Syntax Description	dot1x	dot1x configuration commands
	timeout	Various Timeouts
	ratelimit-period	Rate Limit period for EAPOL-Start
	<i>value</i>	time interval in seconds

Command Mode

- /exec/configure/if-eth-base /exec/configure/if-ethernet-all

dot1x timeout re-authperiod

dot1x timeout re-authperiod <value> | no dot1x timeout re-authperiod

Syntax Description

Syntax Description	dot1x	dot1x configuration commands
	timeout	Various Timeouts
	re-authperiod	Timeout For Re-Authentication
	<i>value</i>	time interval in seconds

Command Mode

- /exec/configure

dot1x timeout re-authperiod

dot1x timeout re-authperiod <value> | no dot1x timeout re-authperiod

Syntax Description

Syntax Description	dot1x	dot1x configuration commands
	timeout	Various Timeouts
	re-authperiod	Timeout For Re-Authentication
	<i>value</i>	time interval in seconds

Command Mode

- /exec/configure/if-eth-base /exec/configure/if-ethernet-all

dot1x timeout server-timeout

dot1x timeout server-timeout <value> | no dot1x timeout server-timeout

Syntax Description

Syntax Description

dot1x	dot1x configuration commands
timeout	Various Timeouts
server-timeout	Timeout for Radius Retries
<i>value</i>	time interval in seconds

Command Mode

- /exec/configure/if-eth-base /exec/configure/if-ethernet-all

dot1x timeout supp-timeout

dot1x timeout supp-timeout <value> | no dot1x timeout supp-timeout

Syntax Description

Syntax Description		
dot1x		dot1x configuration commands
timeout		Various Timeouts
supp-timeout		Timeout for Supplicant retries
<i>value</i>		time interval in seconds

Command Mode

- /exec/configure/if-eth-base /exec/configure/if-ethernet-all

dot1x timeout tx-period

dot1x timeout tx-period <value> | no dot1x timeout tx-period

Syntax Description

Syntax Description	dot1x	dot1x configuration commands
	timeout	Various Timeouts
	tx-period	Timeout For Resending Requests To Supplicant
	<i>value</i>	time interval in seconds

Command Mode

- /exec/configure

dot1x timeout tx-period

dot1x timeout tx-period <value> | no dot1x timeout tx-period

Syntax Description

Syntax Description	dot1x	dot1x configuration commands
	timeout	Various Timeouts
	tx-period	Timeout For Resending Requests To Supplicant
	<i>value</i>	time interval in seconds

Command Mode

- /exec/configure/if-eth-base /exec/configure/if-ethernet-all

down-bit-ignore

{ down-bit-ignore } | { no down-bit-ignore }

Syntax Description

Syntax Description

no Negate a command or set its defaults

down-bit-ignore Configure a PE router to ignore the DN bit for network summary, external and NSSA external LSA

Command Mode

- /exec/configure/router-ospf/vrf

downlink delay

downlink delay <ena-dis-flg> [timeout <time-out>] | no downlink delay

Syntax Description

Syntax Description		
no		Negate a command or set its defaults
downlink		Change downlink linkup time
delay		delay bringup of downlinks
<i>ena-dis-flg</i>		Enable/Disable downlink delay feature
timeout		(Optional) downlink ports enable delay in seconds
<i>time-out</i>		(Optional) Time out

Command Mode

- /exec/configure

dpp set-qos-group

[no] dpp set-qos-group <qos-group>

Syntax Description

Syntax Description	no	(Optional) Negate a command or set its defaults
	dpp	Dynamic Packet Prioritization
	set-qos-group	QoS group to be mapped
	<i>qos-group</i>	QoS Group Value

Command Mode

- /exec/configure/policy-map/type/uf/class

dscp

{ [no] dscp <dscp> | no dscp }

Syntax Description

Syntax Description

`dscp` Optional DSCP

dscp Differentiated services codepoint value

Command Mode

- /exec/configure/nfm-exporter

dst-grp

[no] dst-grp <d-grp-id>

Syntax Description

Syntax Description	no (Optional) Negate a command or set its defaults
	dst-grp Associated destination group

Command Mode

- /exec/configure/telemetry/subscription

dual-active exclude interface-vlan

dual-active exclude interface-vlan <allow-vlans> | no dual-active exclude interface-vlan

Syntax Description

Syntax Description	no	Negate a command or set its defaults
	dual-active	Configuration when peer link is down but peer is alive
	interface-vlan	Interface vlan configuration
	exclude	Interface vlans to exclude from suspension when dual-active
	<i>allow-vlans</i>	Set allowed interface vlans

Command Mode

- /exec/configure/vpc-domain

dual-stage translate xml

```
dual-stage translate <dn> { xml | json } <in_file> <out_file> [ exec-python ] [ delete-files ]
```

Syntax Description

Syntax Description

dual-stage	Related to 2 stage commit
translate	Convert from external restful format to internal JSON
xml	Input file has XML
json	Input file has JSON
<i>dn</i>	DN param
<i>in_file</i>	Input file name
<i>out_file</i>	Output file name
exec-python	(Optional) Execute python script after translation
delete-files	(Optional) Delete input and output files after translation

Command Mode

- /exec

duplex

duplex <duplex_mode> | no duplex [<duplex_mode>]

Syntax Description

Syntax Description	
no	Negate a command or set its defaults
duplex	Enter the port duplex mode
<i>duplex_mode</i>	Interface duplex mode

Command Mode

- /exec/configure/if-ethernet-all /exec/configure/if-eth-non-member

duplex

duplex <duplex_mode> | no duplex [<duplex_mode>]

Syntax Description

Syntax Description		
	no	Negate a command or set its defaults
	duplex	Enter the port duplex mode
	<i>duplex_mode</i>	Interface duplex mode

Command Mode

- /exec/configure/if-port-channel

duplex

duplex <duplex_mode> | no duplex [<duplex_mode>]

Syntax Description

Syntax Description	
no	Negate a command or set its defaults
duplex	Enter the port duplex mode
<i>duplex_mode</i>	Interface duplex mode

Command Mode

- /exec/configure/if-mgmt-ether

duplicate-message throttle

[no] duplicate-message throttle

Syntax Description

Syntax Description	no	(Optional) Negate a command or set its defaults
	duplicate-message	Configure throttling of duplicate callhome alert messages
	throttle	Enable throttling of duplicate callhome alert messages

Command Mode

- /exec/configure/callhome

dynamic-capability

[no | default] dynamic-capability

Syntax Description

Syntax Description	
no	(Optional) Negate a command or set its defaults
default	(Optional) Inherit values from a peer template
dynamic-capability	Dynamic capability

Command Mode

- /exec/configure/router-bgp/router-bgp-neighbor-sess

dynamic-med-interval

[no] dynamic-med-interval <sec>

Syntax Description

Syntax Description	no	(Optional) Negate a command or set its defaults
	dynamic-med-interval	Sets the interval for dampening of med changes
	sec	Time interval in seconds

Command Mode

- /exec/configure/router-bgp