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dampen-igp-metric

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

Syntax Description

no	Negate a command or set its defaults
dampen-igp-metric	Dampen IGP metric-related changes
sec	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

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

Command Mode

- /exec/configure/router-bgp/router-bgp-af /exec/configure/router-bgp/router-bgp-af-vpnv4 /exec/configure/router-bgp/router-bgp-af-vpnv6 /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

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

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

data-source

{ data-source <type> } | { no data-source [<type>] }

Syntax Description

no	Negate a command or set its defaults
data-source	Specify the data source
type	

Command Mode

- /exec/configure/telemetry/sensor-group

database-mapping

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

Syntax Description

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

Command Mode

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

databits

[no] databits <i0>

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

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 transport mts

[no] datapath transport mts

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

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

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

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

Command Mode

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

dead-interval

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

Syntax Description

no	Negate a command or set its defaults
dead-interval	Dead interval
interval	(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

no	Negate a command or set its defaults
dead-interval	Dead interval
interval	(seconds)

Command Mode

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

dead-interval

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

Syntax Description

no	Negate a command or set its defaults
dead-interval	Dead interval
interval	(seconds)

Command Mode

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

deadtime

[no] deadtime <i0>

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/ldap

deadtime

[no] deadtime <i0>

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+

deadtime

[no] deadtime <i0>

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

dec

dec <expr>

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 [always] [route-map <map-name>]

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
map-name	(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 <policy-name>]

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
policy-name	(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

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
map-name	(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

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
policy-name	(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

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

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
map	(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

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 always rd route-target

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

Syntax Description

no	(Optional) 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
ext-comm-rd-aa4nn2	VPN route distinguisher in aa4:nn or ip:nn format
ext-comm-rd-aa2nn4	VPN route distinguisher in aa:nn format
route-target	Specify Target VPN Extended Communities
ext-comm-rt-aa4nn2	RT extcommunity in aa4:nn or ip:nn format
ext-comm-rt-aa2nn4	RT extcommunity in aa:nn format

Command Mode

- /exec/configure/router-bgp/router-bgp-af-vpnv4 /exec/configure/router-bgp/router-bgp-af-vpnv6

default-metric

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

Syntax Description

no	Negate a command or set its defaults
default-metric	RIP default metric
metric	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 <cost> } | { no default-metric [<cost>] }

Syntax Description

no	Negate a command or set its defaults
default-metric	Specify default metric for redistributed routes
cost	Metric value

Command Mode

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

default-metric

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

Syntax Description

no	Negate a command or set its defaults
default-metric	Specify default metric for redistributed routes
cost	Metric value

Command Mode

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

default-metric

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

Syntax Description

no	Negate a command or set its defaults
default-metric	Set metric of redistributed routes
bw	Bandwidth in Kbits per second
delay	Delay metric
rel	Reliability metric where 255 is 100% reliable
load	Effective bandwidth metric (Loading) where 255 is 100% loaded
mtu	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

[no] default-metric <metric>

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-originate

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

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
rmap-name	(Optional) Route-map name

Command Mode

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

define

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

Syntax Description

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

Command Mode

- /exec/configure/param-list

delay

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

Syntax Description

no	Negate a command or set its defaults
delay	Specify interface throughput delay
delay_val	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

no	Negate a command or set its defaults
delay	Specify interface throughput delay
delay_val	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

no	Negate a command or set its defaults
delay	Specify interface throughput delay
microseconds	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

no	Negate a command or set its defaults
delay	Peer-link bringup delay
peer-link	Delay peer-link bringup
time	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

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

Command Mode

- /exec/configure/vpc-domain

delay restore interface

delay restore { interface-vlan <time-out> | interface-bridge-domain <time-out> } | no delay restore { interface-vlan | interface-bridge-domain }

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
interface-bridge-domain	Delay in bringing-up interface-bridge-domain
time-out	Delay in bringing up the interface-vlan or interface-bridge-domain (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

no	Negate a command or set its defaults
delay	Tracking delay
up	Delay up change notification
up_delay	Seconds to delay
down	(Optional) Delay down change notification
down_delay	(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

delete	delete a file or directory
uri0	Delete a file or directory
uri1	Delete a file or directory on expansion flash
uri2	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

delete	Delete the certificates
ca-certificate	Delete the ca certificates

Command Mode

- /exec/configure/trustpoint

delete certificate

delete certificate [force]

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

delete	Delete the certificates
crl	Delete the CRL

Command Mode

- /exec/configure/trustpoint

demand-circuit

[no] demand-circuit

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

{ [no] description <text> }

Syntax Description

description	description for this profile
text	description

Command Mode

- /exec/configure/dot1x-cred

description

description <descr> | no description

Syntax Description

no	Negate the command
description	FEX description
descr	Description

Command Mode

- /exec/configure/fex

description

{ description <line> } | { no description }

Syntax Description

no	Negate a command or set its defaults
description	Description of the VRF
line	VRF description string

Command Mode

- /exec/configure/vrf

description

description <line> | no 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

no	Negate a command or set its defaults
description	Description of the route-map
line	Route-map description string

Command Mode

- /exec/configure/route-map

description

{ [no] description <line> | no 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

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

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

description	Provide a description for this Flow Sampler
line	Sampler description string (63 characters maximum)

Command Mode

- /exec/configure/nfm-sampler

description

{ description <descr> } | { no description }

Syntax Description

description	Configure description of the profile
descr	Description of maximum 64 characters

Command Mode

- /exec/configure/configngoamprofile

description

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

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

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-mgmt-ether

description

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

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

no	Negate a command or set its defaults
description	Enter description of maximum 80 characters
desc_line	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

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

Command Mode

- /exec/configure/class-map

description

[no] description <desc-str>

Syntax Description

no	(Optional) Negate a command or set its defaults
description	Class-Map description
desc-str	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

no	Negate a command or set its defaults
description	Table-Map description
desc-str	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

no	Negate a command or set its defaults
description	Policy-Map description
desc-str	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

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

Command Mode

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

description

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

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

no	Negate a command or set its defaults
description	Class-Map description
desc-str	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

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

Command Mode

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

description

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

Syntax Description

no	Negate a command or set its defaults
description	Virtual service description
description_text	Description of this virtual service

Command Mode

- /exec/configure/virt-serv

description

description <describe> | no description

Syntax Description

no	Negate a command or set its defaults
description	Description for the BMP server
describe	Upto 80 characters describing this server

Command Mode

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

description

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

Syntax Description

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

Command Mode

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

description

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

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 <descr> | no description

Syntax Description

no	Negate a command or set its defaults
description	Session description (max 32 characters)
descr	Enter the description string(can include spaces)

Command Mode

- /exec/configure/monitor-common

description

description <desc_line> | no description

Syntax Description

no	Negate a command or set its defaults
description	Interface specific description
desc_line	Up to 255 characters describing this interface

Command Mode

- /exec/configure/if-vlan-common

description

[no] description <description>

Syntax Description

no	(Optional) Negate a command or set its defaults
description	Configure description for the policy
description	Description for the policy

Command Mode

- /exec/configure/event-manager-applet

description

[no] 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

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

Syntax Description

no	Negate a command or set its defaults
description	Group description
desc	(Optional) Up to 80 characters describing this group

Command Mode

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

description

description <desc> | no description

Syntax Description

no	Negate a command or set its defaults
description	Fabric Path topology description
desc	Description of maximum 80 characters

Command Mode

- /exec/configure/fp-topology

description

{ [no] description <descrip-string> }

Syntax Description

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

Command Mode

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

description description

[no] description | description <desc>

Syntax Description

no	(Optional) Negate a command or set its defaults
description	Pathway description
desc	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

no	Negate a command or set its defaults
default	Set a command to its defaults
dest-ipaddr	Destination ip address
ip-address	IP address, broadcast disallowed
hostname	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

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

no	(Optional) Negate a command or set its defaults
destination-group	Create destination group
dgrp-id	Identifier

Command Mode

- /exec/configure/telemetry

destination-profile

[no] destination-profile <s0>

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

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

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

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

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

destination-profile	Configure destination profiles
CiscoTAC-1	Configure destination profile for XML message
message-size	Configure maximum message size (default 5000000)
i0	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

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

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

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

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

destination-profile	Configure destination profiles
s0	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

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

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

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

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

destination-profile	Configure destination profiles
full-txt-destination	Configure destination profile for plain txt message
message-size	Configure maximum message size (default 2500000)
i0	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

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

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

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

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

destination-profile	Configure destination profiles
s0	User defined destination profile name
message-size	Configure maximum message size (default 2500000)
i0	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

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

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

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

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

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-profileshort-txt-destinationtransport-methodemail

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

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

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

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

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-sup interface

[no] destination-sup interface <interface>

Syntax Description

no	(Optional) Negate a command or set its defaults
destination-sup	Destination configuration
interface	Configure interfaces
interface	

Command Mode

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

destination

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

Syntax Description

destination	Specify the destination address
ipaddr	Destination IP address for collector
use-vrf	(Optional) Optional VRF label
vrf_name	(Optional) VRF name
vrf-known-name	(Optional) Known VRF name

Command Mode

- /exec/configure/nfm-exporter

destination1 interface

[no] destination1 interface <interface_range>

Syntax Description

no	(Optional) Negate a command or set its defaults
destination1	Destination configuration
interface	Configure interfaces
interface_range	

Command Mode

- /exec/configure/monitor-local-dst

destination

[no] destination | destination <ipaddr>

Syntax Description

no	Negate a command or set its defaults
destination	destination of tunnel
ipaddr	ip address (A.B.C.D)

Command Mode

- /exec/configure/if-te

destination interface

[no] destination interface <interface_range>

Syntax Description

no	(Optional) Negate a command or set its defaults
destination	Destination configuration
interface	Configure interfaces
interface_range	

Command Mode

- /exec/configure/monitor-local-dst

destination ip

[no] destination ip <ipaddress>

Syntax Description

no	(Optional) Negate a command or set its defaults
destination	Destination configuration
ip	Configure remote IP address
ipaddress	

Command Mode

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

device-group

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

Syntax Description

no	Negate a command or set its defaults
device-group	ITD device group
name	ITD device group name

Command Mode

- /exec/configure/itd

device-group

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

Syntax Description

no	Negate a command or set its defaults
device-group	ITD device group
name	ITD device group name

Command Mode

- /exec/configure/itd

devtest sap

devtest sap <sap> [exec <func>]

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

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

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

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

Command Mode

- /exec

diagnostic eem action aggressive

[no] diagnostic eem action aggressive

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

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
module	Module number
test	Diagnostic test selection
all	Select all test ID
test-id	
name	Test name
hour	Hour of the day
hour-cntr	Interval in hours
min	Minute of an hour
min-cntr	Interval in minutes
second	Second of a minute
sec-cntr	Interval in seconds

Command Mode

- /exec/configure

diagnostic monitor module all

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

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
name	(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

no	Negate a command or set its defaults
diagnostic	Diagnostic commands
monitor	Configure diagnostic monitoring test
module	Module Keyword
module	Module number
test	Diagnostic test selection
all	Select all test ID
test-id	
name	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

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
failure-cnt	Maximum number of test failures allowed

Command Mode

- /exec

diagnostic ondemand iteration

diagnostic ondemand iteration <iteration-count>

Syntax Description

diagnostic	Diagnostic commands
ondemand	On demand diagnostic setting
iteration	Set number of times to repeat ondemand test list
iteration-count	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

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

Command Mode

- /exec

diagnostic pss shrink

diagnostic pss shrink

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

diagnostic	Diagnostic commands
start	Starting on demand diagnostic
module	Module keyword
module	Module Number
test	Diagnostic test selection
all	Select all test ID
name	Test name
test-id	
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
port-id	(Optional)

Command Mode

- /exec

diagnostic stop module test all

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

Syntax Description

diagnostic	Diagnostic commands
stop	Stopping diagnostic
module	Module keyword
module	Module Number
test	Diagnostic test selection
all	Select all test ID
test-id	
name	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

diagnostic	Diagnostic commands
test	Diagnostic test selection
simulation	Simulating Diagnostic result
module	Module keyword
module	Module Number
test	Diagnostic test selection
test-id	
port	(Optional) Interface port selection
all	(Optional) Select all ports
port-id	(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

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

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

|	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)
lines	(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
regexp	(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
columns	(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>] [__readonly__ { TABLE_dir <fsize> <timestring> <fname> } { <usage> <bytesused> <bytesfree> <bytestotal> }]

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
__readonly__	(Optional) Read Only
TABLE_dir	(Optional) show dir
fsize	(Optional) filesize
timestring	(Optional) time string
fname	(Optional) filename
usage	(Optional) usage
bytesused	(Optional) bytes used
bytesfree	(Optional) bytes free
bytestotal	(Optional) bytes total

Command Mode

- /exec

disable-connected-check

[no | default] disable-connected-check

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

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

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

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
prfxlist-name	(Optional) Name of prefix-list

Command Mode

- /exec/configure/router-bgp

disable

disable

Syntax Description

disable	disable callhome

Command Mode

- /exec/configure/callhome

discard-route external

[no] discard-route { external | internal }

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

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

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
link-hello-holdtime	Holdtime in seconds
link-hello-intvl	Hello interval in seconds
targeted-hello	LDP discovery Targeted Hello
accept	Accept targeted hellos
from	(Optional) Prefix list to specify acceptable targeted hello sources
pfx-list	(Optional) Name of prefix list
tgt-holdtime	LDP discovery Targeted Hello holdtime
tgt-hello-holdtime	Holdtime in seconds
tgt-interval	LDP discovery Targeted Hello interval
tgt-hello-intvl	Hello interval in seconds
ignore-transport-address	
omit-transport-address	
spoofing	

Command Mode

- /exec/configure/ldp

distance

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

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

Syntax Description

no	Negate a command or set its defaults
distance	OSPF administrative distance
admin-dist	adminitrative distance value

Command Mode

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

distance

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

Syntax Description

no	Negate a command or set its defaults
distance	Administrative distance
admin-dist	Distance value

Command Mode

- /exec/configure/router-isis/router-isis-vrf-common /exec/configure/router-isis/router-isis-af-ipv6

distance

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

Syntax Description

no	Negate a command or set its defaults
distance	OSPFv3 administrative distance
admin-dist	adminitrative distance value

Command Mode

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

distance

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

Syntax Description

no	Negate a command or set its defaults
distance	Define an administrative distance
int-distance	Distance for internal routes
ext-distance	Distance for external routes

Command Mode

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

distance

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

Syntax Description

no	Negate a command or set its defaults
distance	Configure administrative distance
ebgp-dist	Distance for EBGP routes
ibgp-dist	Distance for IBGP routes
local-dist	Distance for local routes

Command Mode

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

distribute-list route in

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

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
map	Route-map name
prefix-list	Use a prefix-list for route filtering
list	Reference to prefix-list name
in	Filter incoming routing updates
out	Filter outgoing routing updates
interface	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

no	Negate a command or set its defaults
distribute	Distribute routes between ISIS levels
src-level	Route-distribution between levels
dst-level	Route-distribution between levels
route-map	Route Map to constrain distribution
into	from level-n into level-m
map-name	A 'routing-rules' route-map name
rtr_pol_name	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

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

no	Negate a command or set its defaults
domain-id	OSPF domain-ID
id	OSPF domain ID in IP address format
type	OSPF domain ID type in Hex format
dtype	OSPF domain ID type in Hex format
value	OSPF domain ID ext. community value in Hex
dvalue	
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

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

Command Mode

- /exec/configure/router-ospf/vrf

domain-tag

[no] domain-tag <as-number>

Syntax Description

no	(Optional) Negate a command or set its defaults
domain-tag	Set OSPF process domain-tag
as-number	AS number

Command Mode

- /exec/configure/router-ospf/vrf

dont-capability-negotiate

[no | default] dont-capability-negotiate

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

dos2nxos	DOS to NXOS text file format converter
uri0	Filename to be displayed

Command Mode

- /exec

dot1q

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

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

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

Command Mode

- /exec/configure/configngoamprofileflow

dot1q default dynamic

{ dot1q default dynamic } | { no dot1q default }

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

dot1x	dot1x configuration commands

Command Mode

- /exec/configure

dot1x default

dot1x default

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

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 initialize

{ dot1x initialize } | { dot1x initialize interface <if> }

Syntax Description

dot1x	dot1x configuration commands
initialize	Initialize State Machines for a given Interface
if	target interface

Command Mode

- /exec

dot1x mac-auth-bypass

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

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

dot1x	dot1x configuration commands
max-reauth-req	Maximum Re-authentication Attempts Before Failing
count	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

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

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

dot1x	dot1x configuration commands
pae	role of 802.1x authenticating entity
pae-value	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

dot1x	dot1x configuration commands
port-control	port control
port-control-value	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

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

dot1x	dot1x configuration commands
re-authenticate	Manually re-authenticate an Interface
if	target interface

Command Mode

- /exec

dot1x re-authentication

[no] dot1x re-authentication

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

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

dot1x	dot1x configuration commands
credential	supplicant credential profile
name	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

dot1x	dot1x configuration commands
start	start 802.1x client
supplicant	802.1x supplicant
if	target interface
credential	credential profile name
name	name

Command Mode

- /exec

dot1x stop supplicant interface

dot1x stop supplicant interface <if>

Syntax Description

dot1x	dot1x configuration commands
stop	stop 802.1x client
supplicant	802.1x supplicant
if	target interface

Command Mode

- /exec

dot1x supplicant credential

[no] dot1x supplicant credential <name>

Syntax Description

dot1x	dot1x configuration commands
supplicant	802.1x supplicant
credential	credential profile name
name	name

Command Mode

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

dot1x supplicant credential

[no] dot1x supplicant credential <name>

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

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

dot1x	dot1x configuration commands
supplicant	802.1x supplicant
max-start	Maximum Start Requests
count	number

Command Mode

- /exec/configure

dot1x supplicant max-start

[no] dot1x supplicant max-start <count>

Syntax Description

dot1x	dot1x configuration commands
supplicant	802.1x supplicant
max-start	Maximum Start Requests
count	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

dot1x	dot1x configuration commands
supplicant	802.1x supplicant
timeout	Various Timeouts
auth-period	waiting period for responses from authenticator
value	time interval in seconds

Command Mode

- /exec/configure

dot1x supplicant timeout auth-period

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

Syntax Description

dot1x	dot1x configuration commands
supplicant	802.1x supplicant
timeout	Various Timeouts
auth-period	waiting period for responses from authenticator
value	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

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

Command Mode

- /exec/configure

dot1x supplicant timeout held-period

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

Syntax Description

dot1x	dot1x configuration commands
supplicant	802.1x supplicant
timeout	Various Timeouts
held-period	waiting period for retrying, after failed authentication
value	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

dot1x	dot1x configuration commands
supplicant	802.1x supplicant
timeout	Various Timeouts
start-period	Interval Between Start Requests
value	time interval in seconds

Command Mode

- /exec/configure

dot1x supplicant timeout start-period

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

Syntax Description

dot1x	dot1x configuration commands
supplicant	802.1x supplicant
timeout	Various Timeouts
start-period	Interval Between Start Requests
value	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

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

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

Command Mode

- /exec/configure

dot1x timeout quiet-period

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

Syntax Description

dot1x	dot1x configuration commands
timeout	Various Timeouts
quiet-period	Timeout For Retrying Authentication After Failed Authentication
value	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

dot1x	dot1x configuration commands
timeout	Various Timeouts
ratelimit-period	Rate Limit period for EAPOL-Start
value	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

dot1x	dot1x configuration commands
timeout	Various Timeouts
re-authperiod	Timeout For Re-Authentication
value	time interval in seconds

Command Mode

- /exec/configure

dot1x timeout re-authperiod

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

Syntax Description

dot1x	dot1x configuration commands
timeout	Various Timeouts
re-authperiod	Timeout For Re-Authentication
value	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

dot1x	dot1x configuration commands
timeout	Various Timeouts
server-timeout	Timeout for Radius Retries
value	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

dot1x	dot1x configuration commands
timeout	Various Timeouts
supp-timeout	Timeout for Supplicant retries
value	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

dot1x	dot1x configuration commands
timeout	Various Timeouts
tx-period	Timeout For Resending Requests To Supplicant
value	time interval in seconds

Command Mode

- /exec/configure

dot1x timeout tx-period

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

Syntax Description

dot1x	dot1x configuration commands
timeout	Various Timeouts
tx-period	Timeout For Resending Requests To Supplicant
value	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

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

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

Command Mode

- /exec/configure

dpp set-qos-group

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

Syntax Description

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

Command Mode

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

dscp

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

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

no	(Optional) Negate a command or set its defaults
dst-grp	Associated destination group
d-grp-id	Identifier

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

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

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

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
dn	DN param
in_file	Input file name
out_file	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

no	Negate a command or set its defaults
duplex	Enter the port duplex mode
duplex_mode	Interface duplex mode

Command Mode

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

duplex

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

Syntax Description

no	Negate a command or set its defaults
duplex	Enter the port duplex mode
duplex_mode	Interface duplex mode

Command Mode

- /exec/configure/if-mgmt-ether

duplicate-message throttle

[no] duplicate-message throttle

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

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

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