



D Commands

- [dampen-igp-metric](#), on page 8
- [dampening](#), on page 9
- [dampening](#), on page 10
- [dampening](#), on page 11
- [data-pattern](#), on page 12
- [data-pattern pad](#), on page 13
- [data-source](#), on page 14
- [database-mapping](#), on page 15
- [databits](#), on page 16
- [databits](#), on page 17
- [dataplane mpls](#), on page 18
- [dataplane mpls](#), on page 19
- [db-jid](#), on page 20
- [db-security user password](#), on page 21
- [db-table](#), on page 22
- [dchal module](#), on page 23
- [dchal module](#), on page 24
- [dci-advertise-pip](#), on page 25
- [dead-interval](#), on page 26
- [dead-interval](#), on page 27
- [dead-interval](#), on page 28
- [deadtime](#), on page 29
- [deadtime](#), on page 30
- [deadtime](#), on page 31
- [deep-buffer](#), on page 32
- [default-information originate](#), on page 33
- [default-information originate](#), on page 34
- [default-information originate](#), on page 35
- [default-information originate](#), on page 36
- [default-information originate](#), on page 37
- [default-information originate](#), on page 38
- [default-information originate always rd route-target](#), on page 39
- [default-metric](#), on page 40

- default-metric, on page 41
- default-metric, on page 42
- default-metric, on page 43
- default-metric, on page 44
- default-originate, on page 45
- default-route nssa-abr pbit-clear, on page 46
- default-route nssa-abr pbit-clear, on page 47
- default-traffic-action, on page 48
- default address-family ipv4 mdt, on page 49
- default address-family ipv6 unicast, on page 50
- default permit, on page 51
- default permit, on page 52
- default permit, on page 53
- default permit, on page 54
- default permit, on page 55
- default permit, on page 56
- define, on page 57
- delay-response duration, on page 58
- delay-response duration range, on page 59
- delay-response interval, on page 60
- delay-response interval range, on page 61
- delay-restore time, on page 62
- delay, on page 63
- delay, on page 64
- delay, on page 65
- delay, on page 66
- delay peer-link, on page 67
- delay restore, on page 68
- delay restore interface-vlan, on page 69
- delay restore orphan-port, on page 70
- delete, on page 71
- delete ca-certificate, on page 72
- delete certificate, on page 73
- delete crl, on page 74
- demand-circuit, on page 75
- depth, on page 76
- depth, on page 77
- description, on page 78
- description, on page 79
- description, on page 80
- description, on page 81
- description, on page 82
- description, on page 83
- description, on page 84
- description, on page 85
- description, on page 86

- description, on page 87
- description, on page 88
- description, on page 89
- description, on page 90
- description, on page 91
- description, on page 92
- description, on page 93
- description, on page 94
- description, on page 95
- description, on page 96
- description, on page 97
- description, on page 98
- description, on page 99
- description, on page 100
- description, on page 101
- description, on page 102
- description, on page 103
- description, on page 104
- description, on page 105
- description, on page 106
- description, on page 107
- description, on page 108
- description, on page 109
- description, on page 110
- description, on page 111
- description, on page 112
- description, on page 113
- description, on page 114
- description, on page 115
- description, on page 116
- description, on page 117
- description, on page 118
- description, on page 119
- description, on page 120
- description, on page 121
- description, on page 122
- description, on page 123
- description, on page 124
- description, on page 125
- description, on page 126
- description, on page 127
- description, on page 128
- description, on page 129
- description, on page 130
- description, on page 131
- dest-ipaddr, on page 132

- [dest-ipaddr](#), on page 133
- [dest-port](#), on page 134
- [dest](#), on page 135
- [destination-group](#), on page 136
- [destination-profile](#), on page 137
- [destination-profile](#), on page 138
- [destination-profile CiscoTAC-1 alert-group](#), on page 139
- [destination-profile CiscoTAC-1 email-addr](#), on page 140
- [destination-profile CiscoTAC-1 http](#), on page 141
- [destination-profile CiscoTAC-1 index email-addr](#), on page 142
- [destination-profile CiscoTAC-1 index http](#), on page 143
- [destination-profile CiscoTAC-1 transport-method email](#), on page 144
- [destination-profile CiscoTAC-1 transport-method http](#), on page 145
- [destination-profile alert-group](#), on page 146
- [destination-profile email-addr](#), on page 147
- [destination-profile format](#), on page 148
- [destination-profile full-txt-destination alert-group](#), on page 149
- [destination-profile full-txt-destination email-addr](#), on page 150
- [destination-profile full-txt-destination http](#), on page 151
- [destination-profile full-txt-destination index email-addr](#), on page 152
- [destination-profile full-txt-destination index http](#), on page 153
- [destination-profile full-txt-destination message-size](#), on page 154
- [destination-profile full-txt-destination message-level](#), on page 155
- [destination-profile full-txt-destination transport-method email](#), on page 156
- [destination-profile full-txt-destination transport-method http](#), on page 157
- [destination-profile http](#), on page 158
- [destination-profile index email-addr](#), on page 159
- [destination-profile index http](#), on page 160
- [destination-profile message-level](#), on page 161
- [destination-profile message-size](#), on page 162
- [destination-profile short-txt-destination alert-group](#), on page 163
- [destination-profile short-txt-destination email-addr](#), on page 164
- [destination-profile short-txt-destination http](#), on page 165
- [destination-profile short-txt-destination index email-addr](#), on page 166
- [destination-profile short-txt-destination index http](#), on page 167
- [destination-profile short-txt-destination message-size](#), on page 168
- [destination-profile short-txt-destination message-level](#), on page 169
- [destination-profile short-txt-destination transport-method http](#), on page 170
- [destination-profile short-txt-destination transport-method email](#), on page 171
- [destination-profile transport-method email](#), on page 172
- [destination-profile transport-method http](#), on page 173
- [destination-sup interface](#), on page 174
- [destination](#), on page 175
- [destination](#), on page 176
- [destination](#), on page 177
- [destination](#), on page 178

- destination, on page 179
- destination, on page 180
- destination any, on page 181
- destination group, on page 182
- destination inband-interface, on page 183
- destination inband-interface, on page 184
- destination inband-interface, on page 185
- destination interface, on page 186
- destination ip, on page 187
- destination ipv4, on page 188
- destination ipv6, on page 189
- destination ipv6, on page 190
- destination sup-eth0, on page 191
- destination sup-eth0, on page 192
- destination sup-eth0, on page 193
- device-alias abort, on page 194
- device-alias commit, on page 195
- device-alias confirm-commit enable, on page 196
- device-alias database, on page 197
- device-alias distribute, on page 198
- device-alias import fcalias vsan, on page 199
- device-alias mode enhanced, on page 200
- device-alias name, on page 201
- device-alias name pwnn, on page 202
- device-alias rename, on page 203
- device-alias vsan, on page 204
- device-group, on page 205
- device-role, on page 206
- device-role, on page 207
- device-role, on page 208
- df-election time, on page 209
- dfe-tuning-delay, on page 210
- diagnostic bootup level, on page 211
- diagnostic bootup level, on page 212
- diagnostic clear result module all diagnostic clear result module test, on page 213
- diagnostic monitor interval module test all hour min second, on page 214
- diagnostic monitor module test all, on page 215
- diagnostic monitor syslog, on page 216
- diagnostic ondemand action-on-failure continue failure-count diagnostic ondemand action-on-failure stop, on page 217
- diagnostic ondemand iteration, on page 218
- diagnostic ondemand test-parameter module test port_lb packet-length, on page 219
- diagnostic start module test, on page 220
- diagnostic stop module test all, on page 221
- diagnostic test simulation module test diagnostic test simulation module test clear, on page 222
- diff-clean, on page 223

- [diff-clean all-users](#), on page 224
- [diff](#), on page 225
- [dir](#), on page 226
- [disable-connected-check](#), on page 227
- [disable-fka](#), on page 228
- [disable-peer-as-check](#), on page 229
- [disable-policy-batching](#), on page 230
- [disable-smart-zoning](#), on page 231
- [disable vlan](#), on page 232
- [discard-route external](#), on page 233
- [discard-route external](#), on page 234
- [disjoint](#), on page 235
- [disjoint](#), on page 236
- [distance](#), on page 237
- [distance](#), on page 238
- [distance](#), on page 239
- [distance](#), on page 240
- [distance](#), on page 241
- [distance](#), on page 242
- [distribute into route-map all](#), on page 243
- [distribute link-state](#), on page 244
- [dns](#), on page 245
- [domain-id](#), on page 246
- [domain-id secondary](#), on page 247
- [domain-tag](#), on page 248
- [dont-capability-negotiate](#), on page 249
- [dos2nxos](#), on page 250
- [dot1q](#), on page 251
- [dot1q](#), on page 252
- [dot1q default dynamic](#), on page 253
- [dot1x authentication event server dead action authorize](#), on page 254
- [dot1x authentication order](#), on page 255
- [dot1x default](#), on page 256
- [dot1x default](#), on page 257
- [dot1x host-mode](#), on page 258
- [dot1x initialize](#), on page 259
- [dot1x mac-auth-bypass](#), on page 260
- [dot1x mac-move](#), on page 261
- [dot1x max-reauth-req](#), on page 262
- [dot1x max-req](#), on page 263
- [dot1x pae](#), on page 264
- [dot1x port-control](#), on page 265
- [dot1x radius-accounting](#), on page 266
- [dot1x re-authenticate interface](#), on page 267
- [dot1x re-authentication](#), on page 268
- [dot1x show credential](#), on page 269

- dot1x supplicant eap profile, on page 270
- dot1x system-auth-control, on page 271
- dot1x timeout inactivity-period, on page 272
- dot1x timeout quiet-period, on page 273
- dot1x timeout ratelimit-period, on page 274
- dot1x timeout re-authperiod, on page 275
- dot1x timeout server-timeout, on page 276
- dot1x timeout supp-timeout, on page 277
- dot1x timeout tx-period, on page 278
- down-bit-ignore, on page 279
- downlink delay, on page 280
- dpp set-qos-group, on page 281
- dpvm abort, on page 282
- dpvm activate, on page 283
- dpvm auto-learn, on page 284
- dpvm commit, on page 285
- dpvm database, on page 286
- dpvm database copy active, on page 287
- dpvm database diff, on page 288
- dpvm distribute, on page 289
- dpvm fip enable, on page 290
- dpvm overwrite-duplicate-pwwn, on page 291
- dpvm restart, on page 292
- drop-trigger, on page 293
- drop access-list, on page 294
- dscp, on page 295
- dscp, on page 296
- dscp, on page 297
- dscp, on page 298
- dscp, on page 299
- dscp, on page 300
- dscp, on page 301
- dst-grp, on page 302
- dual-active exclude interface-vlan, on page 303
- duplex, on page 304
- duplex, on page 305
- duplicate-message throttle, on page 306
- dynamic-capability, on page 307
- dynamic-med-interval, on page 308
- dynamic-timer, on page 309
- dynamic, on page 310
- dynamic, on page 311

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
<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

<code>no</code>	(Optional) Negate a command or set its defaults
<code>dampening</code>	Configure route flap dampening
<i>half-life</i>	(Optional) Decay half life
<i>reuse-limit</i>	(Optional) Value to start reusing a route
<i>suppress-limit</i>	(Optional) Value to start suppressing a route
<i>max-suppress-time</i>	(Optional) Maximum suppress time for stable route
<code>route-map</code>	(Optional) Apply route-map to specify dampening criteria
<i>rmap-name</i>	(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 /exec/configure/router-bgp/router-bgp-af-ipv4-mvpn`
`/exec/configure/router-bgp/router-bgp-af-ipv6-mvpn /exec/configure/router-bgp/router-bgp-af-ipv4-mdt`

dampening

```
[no] dampening | dampening [ { <half-life> [ { <reuse> <suppress> <max-suppress> } [ restart [ <penalty> ] ] ] } ]
```

Syntax Description

<code>no</code>	Negate a command or set its defaults
<code>dampening</code>	configures dampening feature
<i>half-life</i>	(Optional) half-life time for the penalty
<i>reuse</i>	(Optional) Value to start reusing an interface
<i>suppress</i>	(Optional) Value to start suppressing an interface
<i>max-suppress</i>	(Optional) Maximum duration to suppress an interface
<code>restart</code>	(Optional) Enable restart penalty
<i>penalty</i>	(Optional) Penalty applied at restart

Command Mode

- /exec/configure/if-igp

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
<i>half-life</i>	(Optional) Decay half life
<i>reuse-limit</i>	(Optional) Value to start reusing a route
<i>suppress-limit</i>	(Optional) Value to start suppressing a route
<i>max-suppress-time</i>	(Optional) Maximum suppress time for stable route
route-map	(Optional) Apply route-map to specify dampening criteria
<i>rmap-name</i>	(Optional) Route-map name

Command Mode

- /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
<i>hex-pattern</i>	Data Pattern in Hex

Command Mode

- /exec/configure/ip-sla/udp

data-pattern pad

```
{ data-pattern pad <pad-val> }
```

Syntax Description

<code>data-pattern</code>	Configure NGOAM ping payload
<code>pad</code>	Configure NGOAM payload test pattern pad
<i>pad-val</i>	Configure NGOAM payload test pad value

Command Mode

- /exec/configure/configngoamconnectcheck

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
<i>type</i>	

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
<i>eid-prefix</i>	IP EID-prefix for RLOC static mapping
<i>locator</i>	IP address of LISP-VM routers
priority	Configures which Locators from a set are preferred
<i>priority</i>	Lower priority Locator takes preference
weight	Traffic load-spreading among Locators
<i>weight</i>	Specified in a percentage from 0 to 100
redistribute	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

no	(Optional) Negate a command or set its defaults
databits	Set number of databits per character
<i>i0</i>	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
<i>i0</i>	Number of data bits

Command Mode

- /exec/configure/console

dataplane mpls

[no] dataplane mpls

Syntax Description

no	(Optional) Negate a command or set its defaults
dataplane	Dataplane Candidate path-option
mpls	MPLS Dataplane Candidate path-option

Command Mode

- /exec/configure/sr/te/color/cndpaths/pref/constraint/sgmnt

dataplane mpls

[no] dataplane mpls

Syntax Description

no	(Optional) Negate a command or set its defaults
dataplane	Dataplane Candidate path-option
mpls	MPLS Dataplane Candidate path-option

Command Mode

- /exec/configure/sr/te/pol/cndpaths/pref/constraint/sgmnt

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
<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

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	THIS KEYWORD OR VARIABLE IS NOT SUPPORTED
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

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

dchal module

dchal module <module>

Syntax Description

dchal	dchal shell/cmd
module	Module number of the linecard
<i>module</i>	Enter module number

Command Mode

- /exec

dchal module

dchal module <module> <quoted-cmd>

Syntax Description

dchal	dchal shell/cmd
module	Module number of the linecard
<i>module</i>	Enter module number
<i>quoted-cmd</i>	the command to run on dchal

Command Mode

- /exec

dci-advertise-pip

[no] dci-advertise-pip

Syntax Description

no	(Optional) Negate a command or set its defaults
dci-advertise-pip	Advertise-PIP towards DCI

Command Mode

- /exec/configure/config-evpn-msite-bgw

dead-interval

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

Syntax Description

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

Command Mode

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

dead-interval

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

Syntax Description

no	Negate a command or set its defaults
dead-interval	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

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

deadtime

[no] deadtime <*i0*>

Syntax Description

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

Command Mode

- /exec/configure/radius

deep-buffer

[no] deep-buffer

Syntax Description

no	(Optional) Negate a command or set its defaults
deep-buffer	enable deep buffer

Command Mode

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

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

[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
<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-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
<i>map-name</i>	(Optional) A 'routing-rules' route-map name

Command Mode

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

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
<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

[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
<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 <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
<i>policy-name</i>	(Optional) Route-map name

Command Mode

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

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

default-metric

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

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

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-ipv4 /exec/configure/router-rip/router-rip-vrf-af-ipv4

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
<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-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
<i>cost</i>	Metric value

Command Mode

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

default-metric

[no] default-metric <metric>

Syntax Description

no	(Optional) Negate a command or set its defaults
default-metric	Set metric of redistributed routes
<i>metric</i>	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
<i>rmap-name</i>	(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

default-route nssa-abr pbit-clear

[no] default-route nssa-abr pbit-clear

Syntax Description

no	(Optional) Negate a command or set its defaults
default-route	Control default-route addition
nssa-abr	On area border router with NSSA areas
pbit-clear	Allow addition even If p-bit in type-7 external LSA is clear

Command Mode

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

default-route nssa-abr pbit-clear

[no] default-route nssa-abr pbit-clear

Syntax Description

no	(Optional) Negate a command or set its defaults
default-route	Control default-route addition
nssa-abr	On area border router with NSSA areas
pbit-clear	Allow addition even If p-bit in type-7 external LSA is clear

Command Mode

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

default-traffic-action

[no] default-traffic-action <def-action>

Syntax Description

no	(Optional) Negate a command or set its defaults
default-traffic-action	default traffic behavior for epbr policy
<i>def-action</i>	default traffic action

Command Mode

- /exec/configure/epbr-policy

default address-family ipv4 mdt

default address-family ipv4 mdt

Syntax Description

default	Inherit values from a peer template
address-family	Configure an address-family
ipv4	Configure IPv4 address-family
mdt	Configure Multicast Distribution Tree

Command Mode

- /exec/configure/router-bgp/router-bgp-neighbor /exec/configure/router-bgp/router-bgp-template-neighbor /exec/configure/router-bgp/router-bgp-prefixneighbor

default address-family ipv6 unicast

```
default address-family ipv6 { unicast | multicast }
```

Syntax Description

default	Inherit values from a peer template
address-family	Configure an address-family for peer
ipv6	Configure IPv6 address-family
unicast	Configure Unicast sub-address-family
multicast	Configure Multicast sub-address-family

Command Mode

- /exec/configure/router-bgp/router-bgp-vrf-neighbor
/exec/configure/router-bgp/router-bgp-vrf-prefixneighbor

default permit

[no] default { permit | deny }

Syntax Description

no	(Optional) Negate a command or set its defaults
default	Default Host Admission Policy
permit	Admission Permitted
deny	Admission Denied

Command Mode

- /exec/configure/nbm-vrf/nbm-host-policy/receiver

default permit

[no] default { permit | deny }

Syntax Description

no	(Optional) Negate a command or set its defaults
default	Default Host Admission Policy
permit	Admission Permitted
deny	Admission Denied

Command Mode

- /exec/configure/nbm-host-policy/sender

default permit

[no] default { permit | deny }

Syntax Description

no	(Optional) Negate a command or set its defaults
default	Default Host Admission Policy
permit	Admission Permitted
deny	Admission Denied

Command Mode

- /exec/configure/nbm-vrf/nbm-host-policy/sender

default permit

[no] default { permit | deny }

Syntax Description

no	(Optional) Negate a command or set its defaults
default	Default Host Admission Policy
permit	Admission Permitted
deny	Admission Denied

Command Mode

- /exec/configure/nbm-host-policy/receiver

default permit

[no] default { permit | deny }

Syntax Description

no	(Optional) Negate a command or set its defaults
default	Default Host Admission Policy
permit	Admission Permitted
deny	Admission Denied

Command Mode

- /exec/configure/nbm-host-policy/pim

default permit

[no] default { permit | deny }

Syntax Description

no	(Optional) Negate a command or set its defaults
default	Default Host Admission Policy
permit	Admission Permitted
deny	Admission Denied

Command Mode

- /exec/configure/nbm-vrf/nbm-host-policy/pim

define

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

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-response duration

[no] delay-response duration <sec> [renew-offset <off>]

Syntax Description

no	(Optional) Negate a command or set its defaults
delay-response	delay-response
duration	session duration
renew-offset	(Optional) session duration renewal offset
<i>sec</i>	seconds
<i>off</i>	(Optional) offset

Command Mode

- /exec/configure/ptp-ucastr-nego-schema

delay-response duration range

[no] delay-response duration range <min> <max>

Syntax Description

no	(Optional) Negate a command or set its defaults
delay-response	delay-response
duration	session duration
range	range of acceptable values
<i>min</i>	minimum in seconds
<i>max</i>	maximum in seconds

Command Mode

- /exec/configure/ptp-ucast-nego-schema

delay-response interval

[no] delay-response interval <intv>

Syntax Description

no	(Optional) Negate a command or set its defaults
delay-response	delay-response
interval	interval
<i>intv</i>	log seconds

Command Mode

- /exec/configure/ptp-ucast-nego-schema

delay-response interval range

[no] delay-response interval range <min> <max>

Syntax Description

no	(Optional) Negate a command or set its defaults
delay-response	delay-response
interval	interval
range	range of acceptable values
<i>min</i>	minimum in log seconds
<i>max</i>	maximum in log seconds

Command Mode

- /exec/configure/ptp-ucast-nego-schema

delay-restore time

[no] delay-restore time <sec>

Syntax Description

no	(Optional) Negate a command or set its defaults
delay-restore	delay-restore
time	time
<i>sec</i>	time in seconds

Command Mode

- /exec/configure/config-evpn-msite-bgw

delay

delay <microseconds> | no delay

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

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

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

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 { { { up { <up_delay> | { milliseconds <up_delay_ms> } } } [ down { <down_delay> | { milliseconds
<down_delay_ms> } } ] } | { { down { <down_delay> | { milliseconds <down_delay_ms> } } } [ up {
<up_delay> | { milliseconds <up_delay_ms> } } ] } } | no delay [ { { up { <up_delay> | { milliseconds
<up_delay_ms> } } } [ down { <down_delay> | { milliseconds <down_delay_ms> } } ] } | { { down {
<down_delay> | { milliseconds <down_delay_ms> } } } [ up { <up_delay> | { milliseconds <up_delay_ms>
} } ] } ] }
```

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
<i>up_delay_ms</i>	Milliseconds to delay
down	(Optional) Delay down change notification
<i>down_delay</i>	(Optional) Seconds to delay
<i>down_delay_ms</i>	(Optional) Milliseconds to delay
milliseconds	Frequency will be taken as milliseconds

Command Mode

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

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
<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

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

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

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

delete

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

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

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

depth

{ [no] depth <cells> | no depth }

Syntax Description

depth	Provide the number of cells for this POSTCARD queue_profile
cells	queue_profile depth (number of cells/packets). Default is 300

Command Mode

- /exec/configure/config-postcard-q-prof

depth

{ [no] depth <cells> | no depth }

Syntax Description

depth	Provide the number of cells for this INT queue_profile
cells	queue_profile depth (number of cells). Default is 300

Command Mode

- /exec/configure/config-int-q-prof

description

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

Syntax Description

description	Provide a description for this Flow Monitor
<i>line</i>	Monitor description string (63 characters maximum)

Command Mode

- /exec/configure/nfm-monitor

description

[no] description <descr>

Syntax Description

no	(Optional) Negate a command or set its defaults
description	Configure description of the service-definition
<i>descr</i>	Description of maximum 64 characters

Command Mode

- /exec/configure/mdns-ser-def

description

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

Syntax Description

description	Provide a description for this INT queue_profile
<i>line</i>	queue_profile description string (63 characters maximum)

Command Mode

- /exec/configure/config-int-q-prof

description

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

Syntax Description

description	Provide a description for this INT flow-profile
<i>line</i>	flow-profile description string (63 characters maximum)

Command Mode

- /exec/configure/config-int-flow-prof

description

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

Syntax Description

description	Provide a description for this Flow Record
<i>line</i>	Record description string (63 characters maximum)

Command Mode

- /exec/configure/config-fte-record

description

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

Syntax Description

description	Provide a description for this FTE Monitor
<i>line</i>	Monitor description string (63 characters maximum)

Command Mode

- /exec/configure/config-fte-monitor

description

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

Syntax Description

description	Provide a description for this FTE Eveny
<i>line</i>	Event description string (63 characters maximum)

Command Mode

- /exec/configure/config-fte-event

description

{ description <line> | no description }

Syntax Description

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

Command Mode

- /exec/configure/route-map

description

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

Syntax Description

description	description for this profile
<i>text</i>	description

Command Mode

- /exec/configure/dot1x-cred

description

{ description <descr> } | { no description }

Syntax Description

description	Configure description of the profile
<i>descr</i>	Description of maximum 64 characters

Command Mode

- /exec/configure/configngoamprofile

description

description <descr> | no description

Syntax Description

no	Negate a command or set its defaults
description	Session description (max 32 characters)
<i>descr</i>	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	Enter description of maximum 254 characters
<i>desc_line</i>	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
<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

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

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

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

description

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

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 <line> | no description }

Syntax Description

description	Provide a description for this Flow Record
<i>line</i>	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 Exporter
<i>line</i>	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 Exporter
<i>line</i>	Monitor description string (63 characters maximum)

Command Mode

- /exec/configure/analytics/exporter

description

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

Syntax Description

description	Provide a description for this Flow Record
<i>line</i>	Record description string (63 characters maximum)

Command Mode

- /exec/configure/analytics/record

description

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

Syntax Description

description	Provide a description for this Flow Monitor
<i>line</i>	Monitor description string (63 characters maximum)

Command Mode

- /exec/configure/analytics/monitor

description

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

Syntax Description

description	Provide a description for this Event
<i>line</i>	Event description string (63 characters maximum)

Command Mode

- /exec/configure/analytics/event

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	THIS KEYWORD OR VARIABLE IS NOT SUPPORTED
<i>desc_line</i>	Enter port-profile description of maximum 80 characters

Command Mode

- /exec/configure/port-profile

description

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

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/type/uf

description

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

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

description <desc> | no description

Syntax Description

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

Command Mode

- /exec/configure/fp-topology

description

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

Syntax Description

description	Provide a description for this collector
<i>line</i>	Collector description string (63 characters maximum)

Command Mode

- /exec/configure/config-buffer-latency-collector

description

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

Syntax Description

description	Provide a description for this buffer-latency record
<i>line</i>	Record description string (63 characters maximum)

Command Mode

- /exec/configure/config-buffer-latency-record

description

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

Syntax Description

description	Provide a description for this buffer-latency Monitor
<i>line</i>	Monitor description string (63 characters maximum)

Command Mode

- /exec/configure/config-buffer-latency-monitor

description

[no] description <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

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

Command Mode

- /exec/configure/event-manager-applet

description

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

Syntax Description

description	Provide a description for this Flow Exporter
<i>line</i>	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 Record
<i>line</i>	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
<i>line</i>	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 Event
<i>line</i>	Event description string (63 characters maximum)

Command Mode

- /exec/configure/nfm-event

description

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

Syntax Description

description	Provide a description for this POSTCARD queue_profile
<i>line</i>	queue_profile description string (63 characters maximum)

Command Mode

- /exec/configure/config-postcard-q-prof

description

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

Syntax Description

description	Provide a description for this POSTCARD flow-profile
<i>line</i>	flow-profile description string (63 characters maximum)

Command Mode

- /exec/configure/config-postcard-flow-prof

description

description <line> | no description

Syntax Description

no	Negate a command or set its defaults
description	Add a description for the role
<i>line</i>	Enter the description string(can include spaces)

Command Mode

- /exec/configure/role

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
<i>desc_line</i>	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-port-channel-sub /exec/configure/if-ether-sub-switch /exec/configure/if-port-channel-sub-switch /exec/configure/if-ethernet-p2p /exec/configure/if-ether-sub-p2p /exec/configure/if-loopback /exec/configure/if-ethernet-all /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
<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

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-nve

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

Command Mode

- /exec/configure/if-vni/

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

Command Mode

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

description

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

Syntax Description

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

Command Mode

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

description

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

Syntax Description

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

Command Mode

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

description

{ description <line> } | { no description }

Syntax Description

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

Command Mode

- /exec/configure/vrf

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
<i>descrip-string</i>	Description string

Command Mode

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

description

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

Syntax Description

description	Provide a description for this collector
<i>line</i>	Collector description string (63 characters maximum)

Command Mode

- /exec/configure/config-buffer-drop-collector

description

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

Syntax Description

description	Provide a description for this buffer-drop Monitor
<i>line</i>	Monitor description string (63 characters maximum)

Command Mode

- /exec/configure/config-buffer-drop-monitor

description

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

Syntax Description

no	Negate a command or set its defaults
description	RPKI cache specific description
<i>describe</i>	Upto 80 characters describing this RPKI cache

Command Mode

- /exec/configure/router-bgp/router-bgp-rpki-cache

description

description <describe> | no description

Syntax Description

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

Command Mode

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

dest-ipaddr

```
{ dest-ipaddr { <ip-address> | <hostname> } }
```

Syntax Description

<code>dest-ipaddr</code>	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

dest-ipaddr

```
{ dest-ipaddr { <ip-address> | <hostname> | <ipv6-address> } }
```

Syntax Description

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/tcp

dest-port

{ dest-port <port> }

Syntax Description

dest-port	Destination port
<i>port</i>	udp port number

Command Mode

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

dest

```
{ dest { { ip { <numeric10> | <numeric11> | unknown } } | { mac <dmac> <dot1qid> [ <intfid> ] } } }
```

Syntax Description

dest	destination node
ip	ip address
<i>numeric10</i>	Ipv4 address of remote host / VTEP
unknown	Peer vtep ip is unknown, Applicable only for channel Nv03
mac	Mac
<i>dmac</i>	Destination mac address
<i>dot1qid</i>	Encapsulation dot1q/bd on which the mac is learnt
<i>intfid</i>	(Optional) Name of the interface for ngoam ping on which dot1q is configured

Command Mode

- /exec/configure/configngoamconnectcheck

destination-group

[no] destination-group <dgrp-id>

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

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

[no] destination-profile

Syntax Description

no	(Optional) Negate a command or set its defaults
destination-profile	Specify the default destination profile

Command Mode

- /exec/configure/telemetry

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

```
destination-profile CiscoTAC-1 [ index <i0> ] email-addr <s0>
```

Syntax Description

destination-profile	Configure destination profiles
CiscoTAC-1	Configure destination profile for XML message
email-addr	Add email addr
<i>s0</i>	Provide email address, example: jdow@xyz.com
index	(Optional) Configure an index(1 to 50) for email-id
<i>i0</i>	(Optional) Index between 1 to 50 associate with email-id

Command Mode

- /exec/configure/callhome

destination-profile CiscoTAC-1 http

destination-profile CiscoTAC-1 [index <i0>] http <s0>

Syntax Description

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
index	(Optional) Configure an index(1 to 50) for http url
i0	(Optional) Index between 1 to 50 associate with http url

Command Mode

- /exec/configure/callhome

destination-profile CiscoTAC-1 index email-addr

[no] destination-profile CiscoTAC-1 index <i0> email-addr

Syntax Description

no	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
index	Delete email-id associated with index(1 to 50)
<i>i0</i>	Index between 1 to 50 associate with email-id

Command Mode

- /exec/configure/callhome

destination-profile CiscoTAC-1 index http

[no] destination-profile CiscoTAC-1 index <i0> http

Syntax Description

no	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
index	Delete http url associated with index(1 to 50)
<i>i0</i>	Index between 1 to 50 associate with http url

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

destination-profile <s0> [index <i0>] email-addr <s1>

Syntax Description

destination-profile	Configure destination profiles
<i>s0</i>	User defined destination profile name
email-addr	Add email addr
<i>s1</i>	Provide email address, example: jdow@xyz.com
index	(Optional) Configure an index(1 to 50) for email-id
<i>i0</i>	(Optional) Index between 1 to 50 associate with email-id

Command Mode

- /exec/configure/callhome

destination-profile format

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

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

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

destination-profile full-txt-destination [index <i0>] email-addr <s0>

Syntax Description

destination-profile	Configure destination profiles
full-txt-destination	Configure destination profile for plain txt message
email-addr	Add email addr
<i>s0</i>	Provide email address, example: jdow@xyz.com
index	(Optional) Configure an index(1 to 50) for email-id
<i>i0</i>	(Optional) Index between 1 to 50 associate with email-id

Command Mode

- /exec/configure/callhome

destination-profile full-txt-destination http

destination-profile full-txt-destination [index <i0>] http <s0>

Syntax Description

destination-profile	Configure destination profiles
full-txt-destination	Configure destination profile for plain txt message
http	Add http or https url
<i>s0</i>	Provide http or https url, example1: http://site.com/services/callserv example2: https://site2.com/serv/CALL
index	(Optional) Configure an index(1 to 50) for http url
<i>i0</i>	(Optional) Index between 1 to 50 associate with http url

Command Mode

- /exec/configure/callhome

destination-profile full-txt-destination index email-addr

[no] destination-profile full-txt-destination index <i0> email-addr

Syntax Description

no	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
index	Delete email-id associated with index(1 to 50)
<i>i0</i>	Index between 1 to 50 associate with email-id

Command Mode

- /exec/configure/callhome

destination-profile full-txt-destination index http

[no] destination-profile full-txt-destination index <i0> http

Syntax Description

no	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
index	Delete http url associated with index(1 to 50)
<i>i0</i>	Index between 1 to 50 associate with http url

Command Mode

- /exec/configure/callhome

destination-profile full-txt-destination message-size

[no] destination-profile full-txt-destination message-size <i0>

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
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 message-level

[no] destination-profile full-txt-destination message-level <i0>

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
message-level	Callhome message level(0-lowest urgency, 9-highest urgency)
<i>i0</i>	

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

```
destination-profile <s4> [ index <i0> ] { http <s2> }
```

Syntax Description

destination-profile	Configure destination profiles
<i>s4</i>	User defined destination profile name
http	Add http or https url
<i>s2</i>	Provide http or https url, example1: http://site.com/services/callserv example2: https://site2.com/serv/CALL
index	(Optional) Configure an index(1 to 50) for http url
<i>i0</i>	(Optional) Index between 1 to 50 associate with http url

Command Mode

- /exec/configure/callhome

destination-profile index email-addr

[no] destination-profile <s0> index <i0> email-addr | no destination-profile <s0> email-addr

Syntax Description

no	Negate a command or set its defaults
destination-profile	Configure destination profiles
s0	User defined destination profile name
email-addr	Add email addr
index	Delete email-id associated with index(1 to 50)
i0	Index between 1 to 50 associate with email-id

Command Mode

- /exec/configure/callhome

destination-profile index http

[no] destination-profile <s4> index <i0> http | no destination-profile <s4> http

Syntax Description

no	Negate a command or set its defaults
destination-profile	Configure destination profiles
<i>s4</i>	User defined destination profile name
http	Add http or https url
index	Delete http url associated with index(1 to 50)
<i>i0</i>	Index between 1 to 50 associate with http url

Command Mode

- /exec/configure/callhome

destination-profile message-level

[no] destination-profile <s0> message-level <i0>

Syntax Description

no	(Optional) Negate a command or set its defaults
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

[no] destination-profile <s0> message-size <i0>

Syntax Description

no	(Optional) Negate a command or set its defaults
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

destination-profile short-txt-destination [index <i0>] email-addr <s0>

Syntax Description

destination-profile	Configure destination profiles
short-txt-destination	Configure destination profile for short txt message
email-addr	Add email addr
<i>s0</i>	Provide email address, example: jdow@xyz.com
index	(Optional) Configure an index(1 to 50) for email-id
<i>i0</i>	(Optional) Index between 1 to 50 associate with email-id

Command Mode

- /exec/configure/callhome

destination-profile short-txt-destination http

destination-profile short-txt-destination [index <i0>] http <s0>

Syntax Description

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
index	(Optional) Configure an index(1 to 50) for http url
i0	(Optional) Index between 1 to 50 associate with http url

Command Mode

- /exec/configure/callhome

destination-profile short-txt-destination index email-addr

[no] destination-profile short-txt-destination index <i0> email-addr

Syntax Description

no	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
index	Delete email-id associated with index(1 to 50)
<i>i0</i>	Index between 1 to 50 associate with email-id

Command Mode

- /exec/configure/callhome

destination-profile short-txt-destination index http

[no] destination-profile short-txt-destination index <i0> http

Syntax Description

no	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
index	Delete http url associated with index(1 to 50)
<i>i0</i>	Index between 1 to 50 associate with http url

Command Mode

- /exec/configure/callhome

destination-profile short-txt-destination message-size

[no] destination-profile short-txt-destination message-size <i0>

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
message-size	Configure maximum message size (default 4000)
<i>i0</i>	

Command Mode

- /exec/configure/callhome

destination-profile short-txt-destination message-level

[no] destination-profile short-txt-destination message-level <*i0*>

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
message-level	Callhome message level(0-lowest urgency, 9-highest urgency)
<i>i0</i>	

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 short-txt-destination transport-method email

[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 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
<i>interface</i>	

Command Mode

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

destination

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

Syntax Description

<code>destination</code>	Specify the destination address
<code>ipaddr</code>	Destination IP address for collector
<code>use-vrf</code>	THIS KEYWORD OR VARIABLE IS NOT SUPPORTED
<code>vrf_name</code>	(Optional) VRF name
<code>vrf-known-name</code>	(Optional) Known VRF name

Command Mode

- /exec/configure/config-postcard-exporter

destination

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

Syntax Description

<code>destination</code>	Specify the destination address
<code>ipaddr</code>	Destination IP address for collector
<code>use-vrf</code>	THIS KEYWORD OR VARIABLE IS NOT SUPPORTED
<code>vrf_name</code>	(Optional) VRF name
<code>vrf-known-name</code>	(Optional) Known VRF name

Command Mode

- /exec/configure/config-int-exporter

destination

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

Syntax Description

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

Command Mode

- /exec/configure/config-fte-exporter

destination

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

Syntax Description

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

Command Mode

- /exec/configure/nfm-exporter

destination

```
{ [ no ] destination { <ipaddr> | <ipv6addr> } [ use-vrf { <vrf-name> | <vrf-known-name> } ] [ v9 ] | no destination }
```

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
v9	(Optional) Send records in V9 format

Command Mode

- /exec/configure/analytics/exporter

destination

```
{ [ no ] destination { <ipaddr> | <ipv6addr> } [ use-vrf { <vrf-name> | <vrf-known-name> } ] [ v9 ] | no destination }
```

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
v9	(Optional) Send records in V9 format

Command Mode

- /exec/configure/nfm-exporter

destination any

[no] destination any

Syntax Description

no	(Optional) Negate a command or set its defaults
destination	destination address
any	Any destination IP

Command Mode

- /exec/configure/tunnel-profile

destination group

[no] destination group <group_number>

Syntax Description

no	(Optional) Negate a command or set its defaults
destination	Destination configuration
group	Configure destination group
<i>group_number</i>	

Command Mode

- /exec/configure/monitor-local-dst

destination inband-interface

[no] destination inband-interface

Syntax Description

destination	Specify the destination address
inband-interface	Use CPU as the destination

Command Mode

- /exec/configure/nfm-exporter

destination inband-interface

[no] destination inband-interface

Syntax Description

destination	Specify the destination address
inband-interface	Use CPU as the destination

Command Mode

- /exec/configure/analytics/exporter

destination inband-interface

[no] destination inband-interface

Syntax Description

destination	Destination configuration
inband-interface	Use CPU as the destination

Command Mode

- /exec/configure/config-ssx-exporter

destination interface

[no] destination interface <interface_range>

Syntax Description

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

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
<i>ipaddress</i>	

Command Mode

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

destination ipv4

```
{ [ no ] destination ipv4 <ipaddr> }
```

Syntax Description

<code>destination</code>	Destination configuration
<code>ipv4</code>	IP v4 address
<code>ipaddr</code>	IP Address to be configured

Command Mode

- /exec/configure/config-int-clone-md-sink-collector

destination ipv6

[no] destination ipv6 <ipv6-address>

Syntax Description

no	(Optional) Negate a command or set its defaults
destination	Destination configuration
ipv6	Configure remote IPv6 address
<i>ipv6-address</i>	

Command Mode

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

destination ipv6

```
{ [ no ] destination { <ipaddr> | ipv6 <ipv6addr> } } [ use-vrf { <vrf-name> | <vrf-known-name> } ]
```

Syntax Description

<code>destination</code>	Destination configuration
<code>ipaddr</code>	IP Address to be configured
<code>ipv6</code>	IPv6
<code>use-vrf</code>	(Optional) VRF label
<code>vrf-name</code>	(Optional) VRF name
<code>vrf-known-name</code>	(Optional) Known VRF name

Command Mode

- /exec/configure/config-ssx-exporter

destination sup-eth0

{ [no] destination sup-eth0 | no destination }

Syntax Description

destination	Specify the collector destination
sup-eth0	Inband to SUP

Command Mode

- /exec/configure/config-buffer-drop-collector

destination sup-eth0

{ [no] destination sup-eth0 | no destination }

Syntax Description

destination	Specify the collector destination
sup-eth0	Inband to SUP

Command Mode

- /exec/configure/config-buffer-latency-collector

destination sup-eth0

{ [no] destination sup-eth0 | no destination }

Syntax Description

destination	Specify the collector destination
sup-eth0	Inband to SUP

Command Mode

- /exec/configure/config-int-clone-md-sink-collector

device-alias abort

[no] device-alias abort

Syntax Description

no	(Optional) Negate a command or set its defaults
device-alias	Device-alias configuration commands
abort	Abort the device-alias configuration

Command Mode

- /exec/configure

device-alias commit

[no] device-alias commit

Syntax Description

no	(Optional) Negate a command or set its defaults
device-alias	Device-alias configuration commands
commit	Commit the device-alias configuration

Command Mode

- /exec/configure

device-alias confirm-commit enable

[no] device-alias confirm-commit enable

Syntax Description

no	(Optional) Negate a command or set its defaults
device-alias	Device-alias configuration commands
confirm-commit	Confirm the commit for device-alias
enable	Enable the confirm-commit mode

Command Mode

- /exec/configure

device-alias database

[no] device-alias database

Syntax Description

no	(Optional) Negate a command or set its defaults
device-alias	Device-alias configuration commands
database	Device-alias database configuration commands

Command Mode

- /exec/configure

device-alias distribute

[no] device-alias distribute

Syntax Description

no	(Optional) Negate a command or set its defaults
device-alias	Device-alias configuration commands
distribute	Enable device-alias configuration distribution

Command Mode

- /exec/configure

device-alias import fcalias vsan

[no] device-alias import fcalias vsan <i0>

Syntax Description

no	(Optional) Negate a command or set its defaults
device-alias	Device-alias configuration commands
import	Import configuration
fcalias	Import fcalias definitions
vsan	Import fcalias definitions from the specified VSAN range
<i>i0</i>	VSAN id range

Command Mode

- /exec/configure

device-alias mode enhanced

[no] device-alias mode enhanced

Syntax Description

no	(Optional) Negate a command or set its defaults
device-alias	Device-alias configuration commands
mode	Configure device-alias mode
enhanced	Configure device-alias enhanced mode

Command Mode

- /exec/configure

device-alias name

[no] device-alias name <s0>

Syntax Description

no	Negate a command or set its defaults
device-alias	Device-alias configuration commands
name	Configure a device-alias
s0	Enter the device-alias

Command Mode

- /exec/configure/device-alias-db

device-alias name pwwn

device-alias name <s0> pwwn <wwn0> [force]

Syntax Description

device-alias	Device-alias configuration commands
name	Configure a device-alias
<i>s0</i>	Enter the device-alias
pwwn	Configure a device-alias for port WWN
<i>wwn0</i>	Enter port WWN
force	THIS KEYWORD OR VARIABLE IS NOT SUPPORTED

Command Mode

- /exec/configure/device-alias-db

device-alias rename

[no] device-alias rename <s0> <s1>

Syntax Description

no	(Optional) Negate a command or set its defaults
device-alias	Device-alias configuration commands
rename	Rename a device-alias
<i>s0</i>	Enter the current device-alias name
<i>s1</i>	Enter the new device-alias name

Command Mode

- /exec/configure/device-alias-db

device-alias vsan

[no] device-alias <s0> vsan <i0>

Syntax Description

no	(Optional) Negate a command or set its defaults
device-alias	Device name
<i>s0</i>	Enter device alias name
vsan	VSAN id for device
<i>i0</i>	vsan id

Command Mode

- /exec/configure/dpvm-db

device-group

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

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

device-role

[no] device-role <dev_role>

Syntax Description

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

Command Mode

- /exec/configure/config-ra-guard

device-role

[no] device-role <dev_role>

Syntax Description

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

Command Mode

- /exec/configure/config-snoop-policy

device-role

[no] device-role <devrole>

Syntax Description

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

Command Mode

- /exec/configure/config-dhcp-guard

df-election time

df-election time <sec> | no df-election time

Syntax Description

no	Negate a command or set its defaults
df-election	DF election parameters
time	DF election timer
<i>sec</i>	Seconds in decimal format in range 1.0-3.0

Command Mode

- /exec/configure/config-evpn-msite-bgw

dfe-tuning-delay

```
{ dfe-tuning-delay <delay-val> | no dfe-tuning-delay [ <delay-val> ] }
```

Syntax Description

no	Negate a command or set its defaults
dfe-tuning-delay	Configure DFE Tuning delay for interface
<i>delay-val</i>	DFE tuning delay value (ms)

Command Mode

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

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

diagnostic bootup level { bypass | complete | minimal }

Syntax Description

diagnostic	Diagnostic commands
bootup	Configure Diagnostic for bootup
level	Select diagnostic level
bypass	Skip all bootup test
complete	Complete level
minimal	Minimal level - no MacsecLoopBackTest

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
<i>module</i>	Module number
all	Select all
test	Diagnostic test selection
<i>test-id</i>	

Command Mode

- /exec

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
<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 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
<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 monitor syslog

[no] diagnostic monitor syslog

Syntax Description

no	(Optional) Negate a command or set its defaults
diagnostic	Diagnostic command
monitor	Configure diagnostic monitoring for syslog
syslog	Diag test failure syslog

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
<i>failure-cnt</i>	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
<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

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 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
<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

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

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

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)
<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> ] [ __readonly__ { TABLE_dir <fsize> <timestring> <fname> } { <usage>
<bytesused> <bytesfree> <bytestotal> } ]
```

Syntax Description

<code>dir</code>	list files in a directory
<code>uri0</code>	(Optional) Directory or filename
<code>uri1</code>	(Optional) Directory or filename on expansion flash
<code>uri2</code>	(Optional) Directory or filename on log flash
<code>__readonly__</code>	(Optional) Read Only
<code>TABLE_dir</code>	(Optional) show dir
<code>fsize</code>	(Optional) filesize
<code>timestring</code>	(Optional) time string
<code>fname</code>	(Optional) filename
<code>usage</code>	(Optional) usage
<code>bytesused</code>	(Optional) bytes used
<code>bytesfree</code>	(Optional) bytes free
<code>bytestotal</code>	(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-fka

[no] disable-fka

Syntax Description

no	(Optional) Negate a command or set its defaults
disable-fka	Disables verifying FIP Keep Alive

Command Mode

- /exec/configure/if-vfc

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

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
<i>prfxlist-name</i>	(Optional) Name of prefix-list

Command Mode

- /exec/configure/router-bgp

disable-smart-zoning

[no] disable-smart-zoning

Syntax Description

no	(Optional) Negate a command or set its defaults
disable-smart-zoning	Set to disable smart zoning for the zone

Command Mode

- /exec/configure/attribute-group

disable vlan

[no] disable { vlan <vlan-range> } [port <port-range>]

Syntax Description

no	(Optional) Negate a command or set its defaults
vlan	Disable detection on VLAN
<i>vlan-range</i>	vlan range max span 1024, Example: 2000-3000,400,500
port	(Optional) Disable detection on port
<i>port-range</i>	(Optional) Disable interface for loop detection
disable	Disable port-vlan

Command Mode

- /exec/configure/configngoamloopdetection

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

disjoint

[no] disjoint

Syntax Description

no	(Optional) Negate a command or set its defaults
disjoint	Configure disjointness association type

Command Mode

- /exec/configure/sr/te/pol/cndpaths/pref/constraint/assoc

disjoint

[no] disjoint

Syntax Description

no	(Optional) Negate a command or set its defaults
disjoint	Configure disjointness association type

Command Mode

- /exec/configure/sr/te/color/cndpaths/pref/constraint/assoc

distance

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

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

distance

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

Syntax Description

no	Negate a command or set its defaults
distance	RIP administrative distance
<i>distance</i>	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	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

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
<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

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 <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
<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

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
<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-af-ipv4 /exec/configure/router-isis/router-isis-af-ipv6

distribute link-state

[no] distribute link-state [instance-id <instid>] [level <level>] [throttle <seconds>]

Syntax Description

no	(Optional) Negate a command or set its defaults
distribute	Distribute routes between ISIS levels
link-state	Distribute link-state
instance-id	(Optional) Instance ID of ISIS process
<i>instid</i>	(Optional) Instance ID of ISIS process
level	(Optional) Level to be distributed
<i>level</i>	(Optional) IS-IS level
throttle	(Optional) Throttle timer in seconds
<i>seconds</i>	(Optional) Throttle timer in seconds

Command Mode

- /exec/configure/router-isis

dns

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

Syntax Description

<i>source-ip</i>	(Optional) <source-ip-hostname>
<i>source-port</i>	(Optional) <src-port>
no	(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
<i>src-port</i>	(Optional) Port Number (Recommended port range between 1025-65534)

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
<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

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

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

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
<i>uri0</i>	Filename to be displayed

Command Mode

- /exec

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
<i>vlan-id</i>	specify flow profile vlan-id
cos	THIS KEYWORD OR VARIABLE IS NOT SUPPORTED
<i>cos-val</i>	(Optional) class of service value

Command Mode

- /exec/configure/configngoamprofileflow

dot1q

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

Syntax Description

no	Negate a command or set its defaults
dot1q	Encapsulation dot1q/bd
<i>dot1q-id</i>	Encapsulation dot1q/bd value
<i>intf-id</i>	(Optional) Name of the interface for ngoam on which dot1q is configured

Command Mode

- /exec/configure/configngoamprofile

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 authentication event server dead action authorize

[no] dot1x authentication event server dead action authorize

Syntax Description

dot1x	dot1x configuration commands
authentication	Dot1x Authentication
event	Event Type
server	Some Server
dead	Server is Unreachable
action	Action Type
authorize	Authorize all clients

Command Mode

- /exec/configure

dot1x authentication order

[no] dot1x authentication order <auth_order>

Syntax Description

dot1x	dot1x configuration commands
authentication	Authentication type
order	specifying the authentication order
<i>auth_order</i>	Authentication orders

Command Mode

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

dot1x default

dot1x default

Syntax Description

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

Command Mode

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

dot1x default

dot1x default

Syntax Description

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

Command Mode

- /exec/configure

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
<i>host_mode</i>	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
<i>if</i>	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 mac-move

dot1x mac-move <value> | no dot1x mac-move <value>

Syntax Description

dot1x	dot1x configuration commands
mac-move	Enable or Disable Mac-moves
<i>value</i>	Mac Move

Command Mode

- /exec/configure

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
<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

dot1x	dot1x configuration commands
max-req	Maximum Retries to Initiate Authentication
<i>count</i>	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
<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

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

dot1x	dot1x configuration commands
radius-accounting	accounting messages to RADIUS

Command Mode

- /exec/configure

dot1x re-authenticate interface

dot1x re-authenticate interface <if>

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

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
<i>name</i>	profile name

Command Mode

- /exec/configure/dot1x-cred

dot1x supplicant eap profile

[no] dot1x supplicant eap profile <name>

Syntax Description

dot1x	dot1x configuration commands
supplicant	802.1x supplicant
eap	Profile type eap
profile	EAP profile config
<i>name</i>	EAP Profile name

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 inactivity-period

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

Syntax Description

dot1x	dot1x configuration commands
timeout	Various Timeouts
inactivity-period	Timeout For Session Inactivity
<i>value</i>	time interval in seconds

Command Mode

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

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
<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

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

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

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

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

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

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
<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

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

dpvm abort

[no] dpvm abort

Syntax Description

no	(Optional) Negate a command or set its defaults
dpvm	Configure Dynamic Port Vsan Membership
abort	Abort pending DPVM DB operations

Command Mode

- /exec/configure

dpvm activate

[no] dpvm activate [force]

Syntax Description

no	(Optional) Negate a command or set its defaults
dpvm	Configure Dynamic Port Vsan Membership
activate	Activate configured Device VSAN Mappings
force	(Optional) Force activation

Command Mode

- /exec/configure

dpvm auto-learn

[no] dpvm auto-learn

Syntax Description

no	(Optional) Negate a command or set its defaults
dpvm	Configure Dynamic Port Vsan Membership
auto-learn	Auto Learn Device VSAN Mappings

Command Mode

- /exec/configure

dpvm commit

[no] dpvm commit

Syntax Description

no	(Optional) Negate a command or set its defaults
dpvm	Configure Dynamic Port Vsan Membership
commit	Commit DPVM DB operations

Command Mode

- /exec/configure

dpvm database

[no] dpvm database

Syntax Description

no	(Optional) Negate a command or set its defaults
dpvm	Configure Dynamic Port Vsan Membership
database	DPVM database

Command Mode

- /exec/configure

dpvm database copy active

dpvm database copy active

Syntax Description

dpvm	DPVM
database	DPVM database
copy	Copy active to config database
active	Active database to Configured database

Command Mode

- /exec

dpvm database diff

```
dpvm database diff { active [ { config | pending } ] | config1 | pending1 active1 }
```

Syntax Description

dpvm	DPVM
database	DPVM database
diff	Difference in dpvm database
active	Active database wrt Configured database
config	(Optional) Active database wrt Configured database
pending	(Optional) Active database wrt pending database
config1	Configured database wrt Active database
pending1	Pending database wrt Active database
active1	Active database wrt Configured database

Command Mode

- /exec

dpvm distribute

[no] dpvm distribute

Syntax Description

no	(Optional) Negate a command or set its defaults
dpvm	Configure Dynamic Port Vsan Membership
distribute	Enable DPVM fabric distribution

Command Mode

- /exec/configure

dpvm fip enable

[no] dpvm fip enable <fip_id> <fip_action_id>

Syntax Description

no	(Optional) Negate a command or set its defaults
dpvm	DPVM configuration command
fip	Fault Injection Point enabling or disabling
enable	Enabling FIP
<i>fip_id</i>	FIP Id
<i>fip_action_id</i>	FIP action ID

Command Mode

- /exec/configure

dpvm overwrite-duplicate-pwwn

[no] dpvm overwrite-duplicate-pwwn

Syntax Description

no	(Optional) Negate a command or set its defaults
dpvm	Configure Dynamic Port Vsan Membership
overwrite-duplicate-pwwn	Overwrites first login info with duplicate pwwn login

Command Mode

- /exec/configure

dpvm restart

dpvm restart

Syntax Description

dpvm	DPVM configuration command
restart	Restart DPVM Process using FIP

Command Mode

- /exec

drop-trigger

[no] drop-trigger { ingress-admission | egress-admission | wred }

Syntax Description

no	(Optional) Negate the command
drop-trigger	Configure drop-trigger parameters
ingress-admission	Ingress Admission Drop
egress-admission	Egress Admission Drop
wred	Weighted Random Early Discard Drop

Command Mode

- /exec/configure/pkt-drop

drop access-list

[no] drop access-list <acl-name>

Syntax Description

no	(Optional) Negate a command or set its defaults
drop	ACL to drop instead of redirection
access-list	ITD access-list name
<i>acl-name</i>	ITD drop ACL name

Command Mode

- /exec/configure/itd

dscp

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

Syntax Description

dscp	Optional DSCP
<i>dscp</i>	Differentiated services codepoint value

Command Mode

- /exec/configure/nfm-exporter

dscp

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

Syntax Description

dscp	Provide the dscp value for this INT flow-profile
<i>dscp</i>	flow-profile dscp (allowed values: 1, 2, 4, 8, 16, 32, 63). Default is 1

Command Mode

- /exec/configure/config-int-flow-prof

dscp

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

Syntax Description

dscp	Optional DSCP
<i>dscp</i>	Differentiated services codepoint value

Command Mode

- /exec/configure/nfm-exporter

dscp

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

Syntax Description

dscp	Optional DSCP
<i>dscp</i>	Differentiated services codepoint value

Command Mode

- /exec/configure/analytics/exporter

dscp

[no] dscp <dscp>

Syntax Description

dscp	DSCP
<i>dscp</i>	DSCP to be configured

Command Mode

- /exec/configure/config-ssx-exporter

dscp

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

Syntax Description

dscp	DSCP value
<i>dscp</i>	DSCP value to be configured

Command Mode

- /exec/configure/config-int-clone-md-sink-collector

dscp

dscp { <dscp-enum> | <dscp-val> } | { no | default } dscp [{ <dscp-enum> | <dscp-val> }]

Syntax Description

no	Negate a command or set its defaults
default	Inherit values from a peer template
dscp	Set dscp value for tcp transport
<i>dscp-val</i>	Specify DSCP value for Locally Originated packets for IPv4 and IPv6
<i>dscp-enum</i>	

Command Mode

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

dst-grp

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

Syntax Description

no	(Optional) Negate a command or set its defaults
dst-grp	Associated destination group
<i>d-grp-id</i>	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 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

duplex

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

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 /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
<i>duplex_mode</i>	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
<i>sec</i>	Time interval in seconds

Command Mode

- /exec/configure/router-bgp

dynamic-timer

```
{ [ no ] dynamic-timer <time> | no dynamic-timer }
```

Syntax Description

dynamic-timer	Define a De-Dup dynamic timer
<i>time</i>	Time in milliseconds

Command Mode

- /exec/configure/de-duplication

dynamic

[no] dynamic

Syntax Description

no	(Optional) Negate a command or set its defaults
dynamic	Enter dynamic properties for path

Command Mode

- /exec/configure/sr/te/color/cndpaths/pref

dynamic

[no] dynamic

Syntax Description

no	(Optional) Negate a command or set its defaults
dynamic	Enter dynamic properties for path

Command Mode

- /exec/configure/sr/te/pol/cndpaths/pref

