C Commands

- cable-delay compensation, on page 14
- cabundle url, on page 15
- callhome, on page 16
- callhome send configuration, on page 17
- callhome send diagnostic, on page 18
- callhome test, on page 19
- callhome test inventory, on page 20
- candidate-paths, on page 21
- candidate-paths, on page 22
- capability additional-paths receive, on page 23
- capability additional-paths send, on page 24
- capability suppress 4-byte-as, on page 25
- capability vrf-lite, on page 26
- capture, on page 27
- capture, on page 28
- capture, on page 29
- capture rcv, on page 30
- capture rcv, on page 31
- capture session, on page 32
- carrier-delay, on page 33
- cd, on page 34
- cdp advertise v1, on page 35
- cdp enable, on page 36
- cdp enable, on page 37
- cdp format device-id, on page 38
- cdp holdtime, on page 39
- cdp timer, on page 40
- certificate, on page 41
- certificate, on page 42
- certificate trustpoint, on page 43
- cfs debug all, on page 44
- cfs distribute, on page 45
- cfs eth distribute, on page 46

- cfs ipv4 distribute, on page 47
- cfs ipv4 mcast-address, on page 48
- cfs ipv6 distribute, on page 49
- cfs ipv6 mcast-address, on page 50
- cfs refresh static-peers, on page 51
- cfs region, on page 52
- cfs static-peers, on page 53
- change-password, on page 54
- channel-group, on page 55
- channel-group, on page 56
- channel-group, on page 57
- channel-group, on page 58
- channel-group auto, on page 59
- channel-group force, on page 60
- channel-group force, on page 61
- channel mode active, on page 62
- chassis associate chassis-serial module-serial port-profile module-side left, on page 63
- chassis management-instance fabric, on page 64
- checkpoint, on page 65
- checkpoint, on page 66
- cipher-suite, on page 67
- cipher-suite, on page 68
- class-map, on page 69
- class-map type control-plane, on page 70
- class-map type network-qos, on page 71
- class-map type queuing, on page 72
- class-map type queuing, on page 73
- class, on page 74
- class, on page 75
- class __inline__, on page 76
- class class-default, on page 77
- class type network-qos, on page 78
- class type network-qos class-default, on page 79
- class type psp, on page 80
- class type queuing, on page 81
- clear, on page 82
- clear, on page 83
- clear, on page 84
- clear aaa client radius statistics, on page 85
- clear aaa local user blocked username, on page 86
- clear aaa server radius statistics, on page 87
- clear aaa user blocked username, on page 88
- clear access-list counters, on page 89
- clear access-list dest-miss stats, on page 90
- clear access-list hardware counters, on page 91
- clear access-list ipsg stats, on page 92

- clear accounting log, on page 93
- clear aclqos cl-qos, on page 94
- clear aclqos fab, on page 95
- clear aclqos fc, on page 96
- clear aclqos libdrv, on page 97
- clear aclqos map, on page 98
- clear aclqos merge, on page 99
- clear aclqos pl, on page 100
- clear aclqos ppf-parse, on page 101
- clear aclqos ppf, on page 102
- clear aclqos qng-hw, on page 103
- clear aclqos qng, on page 104
- clear aclqos rl, on page 105
- clear aclqos rm, on page 106
- clear aclqos sch, on page 107
- clear aclqos stats, on page 108
- clear aclqos tbl, on page 109
- clear aclqos trace-detail, on page 110
- clear aclqos trace, on page 111
- clear aclqos uf, on page 112
- clear bfd statistics, on page 113
- clear bgp, on page 114
- clear bgp bmp stats server, on page 116
- clear bootvar log, on page 117
- clear cdp counters, on page 118
- clear checkpoint database, on page 119
- clear cli history, on page 120
- clear configuration, on page 121
- clear configuration commits oldest, on page 122
- clear controller accounting log, on page 123
- clear copp statistics, on page 124
- clear cores, on page 125
- clear cores archive, on page 126
- clear counters, on page 127
- clear counters buffers, on page 128
- clear counters interface, on page 129
- clear counters interface, on page 130
- clear counters interface all, on page 131
- clear counters interface all, on page 132
- clear counters interface snmp, on page 133
- clear counters mpls strip, on page 134
- clear counters tah-buffers, on page 135
- clear crypto ca trustpool timer, on page 136
- clear debug logfile, on page 137
- clear device-alias database, on page 138
- clear device-alias session, on page 139

- clear device-alias statistics, on page 140
- clear dot1x all, on page 141
- clear dot1x stats interface, on page 142
- clear dpvm auto-learn, on page 143
- clear dpvm merge statistics, on page 144
- clear dpvm session, on page 145
- clear ecp statistics, on page 146
- clear epbr statistics policy, on page 147
- clear esmc counters, on page 148
- clear evb hosts, on page 149
- clear evb hosts, on page 150
- clear evb statistics, on page 151
- clear fabric-binding statistics vsan, on page 152
- clear fabric database dci vrf node-id, on page 153
- clear fabric database host statistics, on page 154
- clear fabric database statistics, on page 155
- clear fabric database statistics type server-proto xmpp ip, on page 156
- clear fabric database statistics type server-proto radius group, on page 157
- clear fabricpath isis adjacency, on page 158
- clear fabricpath isis statistics, on page 159
- clear fabricpath isis traffic, on page 160
- clear fc2, on page 161
- clear fcdomain session vsan, on page 162
- clear fcns statistics vsan, on page 163
- clear fcs statistics vsan, on page 164
- clear fctimer session, on page 165
- clear flow cache, on page 166
- clear flow cache, on page 167
- clear flow exporter, on page 168
- clear flow rtp details, on page 169
- clear forwarding adjacency mpls stats, on page 170
- clear forwarding cumulative counter, on page 171
- clear forwarding distribution lisp counters all, on page 172
- clear forwarding events-history, on page 173
- clear forwarding inconsistency, on page 174
- clear forwarding ipv4 multicast counters, on page 175
- clear forwarding ipv6-l3-route-history, on page 176
- clear forwarding ipv6 adjacency mpls stats, on page 177
- clear forwarding ipv6 inconsistency, on page 178
- clear forwarding ipv6 multicast counters, on page 179
- clear forwarding ipv6 route module, on page 180
- clear forwarding l2-mc-route-history, on page 181
- clear forwarding l2-oiflist-history, on page 182
- clear forwarding l2-route-history, on page 183
- clear forwarding l2_prime-oiflist-history, on page 184
- clear forwarding l2mcast info l2-mc-route-history, on page 185

- clear forwarding l2mcast info l2-oiflist-history, on page 186
- clear forwarding l2mcast info l2-route-history, on page 187
- clear forwarding l2mcast info l2-xbar-history, on page 188
- clear forwarding l2mcast info statistics, on page 189
- clear forwarding l2rib-route-history, on page 190
- clear forwarding l2vpn trace member-history, on page 191
- clear forwarding l3-route-history, on page 192
- clear forwarding mpls drop-stats, on page 193
- clear forwarding mpls stats, on page 194
- clear forwarding mpls trace adj-history, on page 195
- clear forwarding mpls trace ecmp-history, on page 196
- clear forwarding mpls trace label-history, on page 197
- clear forwarding mpls trace te-history, on page 198
- clear forwarding oiflist-history, on page 199
- clear forwarding otv oiflist-history, on page 200
- clear forwarding proactive-cc inconsistencies, on page 201
- clear forwarding proactive-cc stats, on page 202
- clear forwarding route module, on page 203
- clear forwarding trace ecmp-history, on page 204
- clear forwarding trace mfib mct-history, on page 205
- clear forwarding trace mfib oif-history, on page 206
- clear forwarding trace mfib oiflist-history, on page 207
- clear forwarding trace mfib otv oif-history, on page 208
- clear forwarding trace mfib otv oiflist-history, on page 209
- clear forwarding trace mfib otv v4-route-history, on page 210
- clear forwarding trace mfib otv v6-route-history, on page 211
- clear forwarding trace mfib platform oiflist-history, on page 212
- clear forwarding trace mfib v4-route-history, on page 213
- clear forwarding trace mfib v6-route-history, on page 214
- clear forwarding trace nve-ir-peer-history, on page 215
- clear forwarding trace nve-l2-vni-history, on page 216
- clear forwarding trace nve-l3-vni-history, on page 217
- clear forwarding trace nve-peer-history, on page 218
- clear forwarding trace otv-adj-history, on page 219
- clear forwarding trace otv-vlan-history, on page 220
- clear forwarding trace srv6-decap-history, on page 221
- clear forwarding trace srv6-encap-history, on page 222
- clear forwarding trace srv6-local-sid-history, on page 223
- clear forwarding trace srv6-peer-history, on page 224
- clear forwarding trace v4-adj-history, on page 225
- clear forwarding trace v4-pfx-history, on page 226
- clear forwarding trace v4-rnh-history, on page 227
- clear forwarding trace v6-adj-history, on page 228
- clear forwarding trace v6-pfx-history, on page 229
- clear forwarding trace v6-rnh-history, on page 230
- clear forwarding trace vobj-history, on page 231

- clear frame traffic, on page 232
- clear fs-daemon log, on page 233
- clear fspf counters vsan, on page 234
- clear fspf counters vsan interface, on page 235
- clear hardware flow ip, on page 236
- clear hardware flow ipv6, on page 237
- clear hardware flow l2, on page 238
- clear hardware flow mpls, on page 239
- clear hardware ip verify, on page 240
- clear hardware profile buffer monitor, on page 242
- clear hardware profile latency monitor, on page 243
- clear hardware profile packet-drop file_instance, on page 244
- clear hardware rate-limiter, on page 245
- clear hardware rate-limiter, on page 246
- clear hsrp counters clear hsrp state-history, on page 247
- clear icam database, on page 248
- clear install all failed-standby, on page 249
- clear install failure-reason, on page 250
- clear install log-history all, on page 251
- clear install status, on page 252
- clear ip adjacency statistics, on page 253
- clear ip amt tunnel, on page 254
- clear ip arp, on page 255
- clear ip arp controller-statistics, on page 256
- clear ip arp inspection log, on page 257
- clear ip arp inspection statistics vlan, on page 258
- clear ip arp l2 statistics interface, on page 259
- clear ip arp multihoming-statistics, on page 260
- clear ip arp statistics, on page 261
- clear ip arp suppression-cache statistics, on page 262
- clear ip arp tunnel-statistics, on page 263
- clear ip arp vpc-statistics, on page 264
- clear ip dhcp global statistics, on page 265
- clear ip dhcp relay statistics, on page 266
- clear ip dhcp snooping binding, on page 267
- clear ip dhcp snooping statistics, on page 268
- clear ip eigrp accounting, on page 269
- clear ip eigrp redistribution, on page 270
- clear ip eigrp traffic, on page 271
- clear ip igmp groups, on page 272
- clear ip igmp interface statistics, on page 273
- clear ip igmp snooping explicit-tracking, on page 274
- clear ip igmp snooping groups, on page 275
- clear ip igmp snooping mac-oifs, on page 276
- clear ip igmp snooping proxy querier ports vlan, on page 277
- clear ip igmp snooping report statistics, on page 278

- clear ip igmp snooping statistics, on page 279
- clear ip interface statistics, on page 280
- clear ip lisp data-cache, on page 281
- clear ip lisp map-cache, on page 282
- clear ip lisp statistics, on page 283
- clear ip mbgp dampening, on page 284
- clear ip mbgp flap-statistics, on page 286
- clear ip mbgp peer-template, on page 288
- clear ip mroute, on page 290
- clear ip mroute statistics, on page 291
- clear ip msdp peer, on page 292
- clear ip msdp policy statistics sa-policy in, on page 293
- clear ip msdp sa, on page 294
- clear ip msdp statistics, on page 295
- clear ip nat-alias address, on page 296
- clear ip nat statistics, on page 297
- clear ip nat translation, on page 298
- clear ip ospf neighbor, on page 300
- clear ip ospf redistribution, on page 301
- clear ip ospf statistics, on page 302
- clear ip ospf traffic, on page 303
- clear ip pim interface statistics, on page 304
- clear ip pim policy statistics, on page 305
- clear ip pim policy statistics jp, on page 306
- clear ip pim route, on page 307
- clear ip pim statistics, on page 308
- clear ip rip policy statistics redistribute bgp, on page 309
- clear ip rip statistics, on page 310
- clear ip traffic, on page 311
- clear ipv6 adjacency statistics, on page 312
- clear ipv6 amt tunnel, on page 313
- clear ipv6 dhcp relay prefix-delegation, on page 314
- clear ipv6 dhcp relay statistics, on page 315
- clear ipv6 icmp, on page 316
- clear ipv6 icmp l2 statistics interface, on page 317
- clear ipv6 icmp nd local-proxy stats, on page 318
- clear ipv6 icmp vpc-statistics, on page 319
- clear ipv6 interface statistics, on page 320
- clear ipv6 lisp data-cache, on page 321
- clear ipv6 lisp statistics, on page 322
- clear ipv6 mld groups, on page 323
- clear ipv6 mld interface statistics, on page 324
- clear ipv6 mld snooping explicit-tracking, on page 325
- clear ipv6 mld snooping groups, on page 326
- clear ipv6 mld snooping proxy querier ports vlan, on page 327
- clear ipv6 mld snooping report statistics, on page 328

- clear ipv6 mld snooping statistics, on page 329
- clear ipv6 mroute, on page 330
- clear ipv6 mroute statistics, on page 331
- clear ipv6 neighbor, on page 332
- clear ipv6 neighbor binding, on page 333
- clear ipv6 pim interface statistics, on page 334
- clear ipv6 pim policy statistics jp, on page 335
- clear ipv6 pim route, on page 336
- clear ipv6 pim statistics, on page 337
- clear ipv6 raguard statistics, on page 338
- clear ipv6 rip policy statistics redistribute bgp, on page 339
- clear ipv6 snooping counters, on page 340
- clear ipv6 snooping events, on page 341
- clear ipv6 snooping messages, on page 342
- clear ipv6 traffic, on page 343
- clear isis adjacency, on page 344
- clear isis redistribution, on page 345
- clear isis spf-log, on page 346
- clear isis statistics, on page 347
- clear isis traffic, on page 348
- clear itd statistics, on page 349
- clear l2dbg, on page 350
- clear lacp counters, on page 351
- clear lcnd stats interface, on page 352
- clear ldap-server statistics, on page 353
- clear lim counters, on page 355
- clear line, on page 356
- clear lisp ddt referral-cache, on page 357
- clear lisp dynamic-eid, on page 358
- clear lisp proxy-itr, on page 359
- clear lisp site, on page 360
- clear lldp counters, on page 361
- clear lldp counters interface, on page 362
- clear logging dropcount, on page 363
- clear logging ip access-list cache, on page 364
- clear logging logfile, on page 365
- clear logging nvram, on page 366
- clear logging onboard, on page 367
- clear logging onboard, on page 368
- clear logging session, on page 369
- clear mac address-table dynamic, on page 370
- clear macsec mka statistics, on page 371
- clear macsec secy statistics, on page 372
- clear mdns-sd cache, on page 373
- clear mdns-sd controller statistics, on page 374
- clear mdns-sd file-logging, on page 375

- clear mdns-sd statistics global, on page 376
- clear mdns-sd statistics raw-stats, on page 377
- clear monitor session drops, on page 378
- clear monitor session stats, on page 379
- clear mpls access-list counters, on page 380
- clear mpls forwarding statistics, on page 381
- clear mpls static trace, on page 382
- clear mpls switching label statistics, on page 383
- clear mts dedup_stats uuid app_update_id, on page 384
- clear mts message statistics, on page 385
- clear mvr counters, on page 386
- clear mvr counters receiver-ports, on page 387
- clear mvr counters source-ports, on page 388
- clear nat itd, on page 389
- clear nbm flows statistics, on page 390
- clear ngoam, on page 391
- clear ngoam, on page 392
- clear ngoam, on page 393
- clear ngoam loop-detection statistics, on page 394
- clear ngoam pathtrace, on page 395
- clear ntp session, on page 396
- clear ntp statistics, on page 397
- clear nve peer-ip, on page 398
- clear nve peers history-log, on page 399
- clear nve peers interface counters, on page 400
- clear nve peers vni interface counters, on page 401
- clear nve vni counters, on page 402
- clear nvram, on page 403
- clear nxapi-server logs, on page 404
- clear openflow switch controller all, on page 405
- clear ospfv3 neighbor, on page 406
- clear ospfv3 statistics, on page 407
- clear ospfv3 traffic, on page 408
- clear otv isis adjacency, on page 409
- clear otv isis route-map statistics, on page 410
- clear otv isis statistics, on page 411
- clear otv isis traffic, on page 412
- clear peer-info interface vsan, on page 413
- clear pktmgr client, on page 414
- clear pktmgr interface, on page 415
- clear port-security dynamic address vlan, on page 416
- clear port-security dynamic interface, on page 417
- clear processes log all, on page 418
- clear processes log all vdc-all, on page 419
- clear processes log archive, on page 420
- clear processes log pid, on page 421

- clear processes vdc log all, on page 422
- clear processes vdc log pid, on page 423
- clear ptp corrections, on page 424
- clear ptp counters interface, on page 425
- clear qos mpls-snmp, on page 426
- clear qos policies, on page 427
- clear qos statistics, on page 428
- clear queuing burst-detect, on page 429
- clear queuing llfc-queue, on page 430
- clear queuing pfc-queue, on page 431
- clear queuing pfc-queue interface, on page 432
- clear queuing tah-pfc-queue, on page 433
- clear radius-server statistics, on page 434
- clear radius session, on page 436
- clear rmon, on page 437
- clear route-map pbr-statistics, on page 438
- clear routing ip multicast mfdm pending counters, on page 439
- clear routing ip multicast rpf-source retry-cache, on page 440
- clear routing ipv6 multicast, on page 441
- clear routing ipv6 multicast mfdm pending counters, on page 442
- clear routing ipv6 multicast rpf-source retry-cache, on page 443
- clear routing multicast, on page 444
- clear rscn session vsan, on page 445
- clear rscn statistics vsan, on page 446
- clear scheduler logfile, on page 447
- clear screen, on page 448
- clear session state name, on page 449
- clear sflow statistics, on page 450
- clear snmp counters, on page 451
- clear snmp hostconfig, on page 452
- clear sockets statistics, on page 453
- clear spanning-tree counters, on page 454
- clear spanning-tree detected-protocols, on page 455
- clear spanning-tree sps-hist, on page 456
- clear srv6 sid counters, on page 457
- clear ssh hosts, on page 458
- clear statistics module-all, on page 459
- clear statistics module, on page 460
- clear system login failures, on page 461
- clear system reset-reason, on page 462
- clear tacacs-server statistics, on page 463
- clear tech-support lock, on page 465
- clear tech-support lock, on page 466
- clear tunnel-encryption statistics, on page 467
- clear upgrade history, on page 468
- clear user, on page 469

- clear veobc counters, on page 470
- clear vlan access-list counters, on page 471
- clear vlan counters, on page 472
- clear vmtracker counters, on page 473
- clear vpc statistics all, on page 474
- clear vpc statistics peer-keepalive, on page 475
- clear vpc statistics vpc, on page 476
- clear vpc transport statistics, on page 477
- clear vrrp statistics, on page 478
- clear vrrpv3 statistics, on page 479
- clear vtp counters, on page 480
- clear zone database vsan1, on page 481
- clear zone lock vsan, on page 482
- clear zone smart-zoning, on page 483
- clear zone statistics vsan, on page 484
- cli alias check strict, on page 485
- cli alias name, on page 486
- cli var name, on page 487
- cli var name, on page 488
- cli var name, on page 489
- client-to-client reflection, on page 490
- client vrf management default, on page 491
- clock-interface sync, on page 492
- clock-tolerance ntp oneway absolute, on page 493
- clock format 12, on page 494
- clock format show-timezone debug, on page 495
- clock format show-timezone syslog, on page 496
- clock protocol, on page 497
- clock set, on page 498
- clock summer, on page 500
- close-connection fin, on page 501
- cluster-id, on page 502
- cluster, on page 503
- collect, on page 504
- collect, on page 505
- collect, on page 506
- collect, on page 507
- collect, on page 508
- collect counter bytes, on page 509
- collect counter bytes, on page 510
- collect counter bytes, on page 511
- collect interval, on page 512
- collect interval, on page 513
- collect ip version, on page 514
- collect timestamp sys-uptime first, on page 515
- collect timestamp sys-uptime first, on page 516

- collect timestamp sys-uptime first, on page 517
- collect transport tcp flags, on page 518
- collect transport tcp flags, on page 519
- collect transport tcp flags, on page 520
- collector, on page 521
- collector, on page 522
- collector, on page 523
- color, on page 524
- color, on page 525
- color, on page 526
- color, on page 527
- color, on page 528
- color, on page 529
- color, on page 530
- color, on page 531
- color endpoint, on page 532
- commit, on page 533
- commit, on page 534
- commit, on page 535
- commit, on page 536
- commit verbose, on page 537
- conf-offset, on page 538
- confederation identifier, on page 539
- confederation peers, on page 540
- configure, on page 541
- configure dual-stage, on page 542
- configure maintenance profile normal, on page 543
- configure profile, on page 544
- configure replace, on page 545
- configure replace abort, on page 547
- configure replace commit, on page 548
- configure session, on page 549
- configure sync, on page 550
- congestion-control dctcp ecn-threshold bytes, on page 551
- congestion-control ecn, on page 552
- congestion-control random-detect, on page 553
- congestion-control random-detect forward-nonecn, on page 554
- congestion-control random-detect global-buffer minimum-threshold maximum-threshold, on page 555
- congestion-control tail-drop, on page 556
- connect, on page 557
- connected-prefix-sid-map, on page 558
- constellation, on page 559
- constraints, on page 560
- constraints, on page 561
- continue, on page 562
- contract-id, on page 563

- control-plane, on page 564
- control-plane dynamic, on page 565
- control-word, on page 566
- controller-credentials username password 0, on page 567
- controller ip vrf, on page 568
- controller ipv4, on page 569
- controller ipv4, on page 570
- copp copy profile prefix, on page 571
- copp profile, on page 572
- copp profile, on page 573
- copp rate-limit disable, on page 574
- copy, on page 575
- copy, on page 577
- copy licenses, on page 578
- copy licenses, on page 579
- copy recursive, on page 580
- copy running vdc-all, on page 581
- copy vdc-all, on page 582
- cost, on page 583
- count, on page 584
- count, on page 585
- cpu, on page 586
- crypto ca authenticate, on page 587
- crypto ca crl request, on page 588
- crypto ca enroll, on page 589
- crypto ca export pkcs12, on page 590
- crypto ca import certificate, on page 591
- crypto ca import pkcs12, on page 592
- crypto ca import pkcs7, on page 593
- crypto ca lookup, on page 594
- crypto ca remote ldap, on page 595
- crypto ca trustpoint, on page 596
- crypto ca trustpool import url, on page 597
- crypto ca trustpool import url clean, on page 598
- crypto ca trustpool policy, on page 599
- crypto cert ssh-authorize, on page 600
- crypto certificatemap mapname, on page 601
- crypto key generate rsa, on page 602
- crypto key zeroize rsa, on page 603
- cryptographic-algorithm, on page 604
- customer-id, on page 605
- cut, on page 606

cable-delay compensation

[no] cable-delay compensation <compens>

Syntax Description

no	(Optional) Negate a command or set its defaults
cable-delay	Cable-delay compensation configuration
compensation	Cable-delay compensation configuration
compens	Cable-delay compensation value, in nanoseconds

Command Mode

- /exec/configure/gnss-if

cabundle url

[no] cabundle url <source_uri>

Syntax Description

no	(Optional) Negate a command or set its defaults
cabundle	Configure cabundle
url	Configure cabundle url
source_uri	Select source http URL

Command Mode

- /exec/configure/trustpool

callhome

callhome

Syntax Description

callhome	Enter the callhome configuration mode

Command Mode

- /exec/configure

callhome send configuration

callhome send configuration

Syntax Description

callhome	callhome commands
send	send a command callhome message
configuration	configuration type

Command Mode

- /exec

callhome send diagnostic

callhome send diagnostic

Syntax Description

callhome	callhome commands
send	send a command callhome message
diagnostic	dignostic command

Command Mode

- /exec

callhome test

callhome test

Syntax Description

callhome	callhome commands
test	send a test callhome message

Command Mode

- /exec

callhome test inventory

callhome test inventory

Syntax Description

callhome	callhome commands
test	send a test callhome message
inventory	send a dummy callhome inventory

Command Mode

- /exec

candidate-paths

[no] candidate-paths

Syntax Description

no	(Optional) Negate a command or set its defaults
candidate-paths	Enter candidate-paths

Command Mode

- /exec/configure/sr/te/pol

candidate-paths

[no] candidate-paths

Syntax Description

no	(Optional) Negate a command or set its defaults
candidate-paths	Enter candidate-paths

Command Mode

- /exec/configure/sr/te/color

capability additional-paths receive

[no | default] capability additional-paths receive [disable]

Syntax Description

no	(Optional) Negate a command or set its defaults
default	(Optional) Inherit values from a peer template
capability	Advertise capability to the peer
additional-paths	Additional paths capability
receive	Additional paths Receive capability
disable	(Optional) Do not advertise additional paths Receive capability

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

capability additional-paths send

[no | default] capability additional-paths send [disable]

Syntax Description

no	(Optional) Negate a command or set its defaults
default	(Optional) Inherit values from a peer template
capability	Advertise capability to the peer
additional-paths	Additional paths capability
send	Additional paths Send capability
disable	(Optional) Do not advertise additional paths Send capability

Command Mode

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

capability suppress 4-byte-as

[no | default] capability suppress 4-byte-as

Syntax Description

no	(Optional) Negate a command or set its defaults
default	(Optional) Inherit values from a peer template
capability	Capability
suppress	Suppress sending out capability
4-byte-as	Suppress 4-byte AS Capability

Command Mode

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

capability vrf-lite

[no] capability vrf-lite [evpn]

Syntax Description

no	(Optional) Negate a command or set its defaults
capability	Capability
vrf-lite	Enable VRF-lite support
evpn	(Optional) Ethernet VPN

Command Mode

- /exec/configure/router-ospf/vrf

capture

[no] capture { latency exceeding-threshold <time> { micro-sec | milli-sec } }

Syntax Description

capture	Events to be logged
latency	Latency
exceeding-threshold	Latency threshold limit
time	time range
micro-sec	time in micro seconds
milli-sec	time in milli seconds

Command Mode

- /exec/configure/nfm-event/group-latency-events

capture

[no] capture { latency exceeding-threshold <time> { micro-sec | milli-sec } }

Syntax Description

capture	Events to be logged
latency	Latency
exceeding-threshold	Latency threshold limit
time	time range <0-65535>
micro-sec	time in micro seconds
milli-sec	time in milli seconds

Command Mode

- /exec/configure/config-fte-event/group-latency-events

capture

[no] capture { latency exceeding-threshold <time> { micro-sec | milli-sec } }

Syntax Description

capture	Events to be logged
latency	Latency
exceeding-threshold	Latency threshold limit
time	time range
micro-sec	time in micro seconds
milli-sec	time in milli seconds

Command Mode

- /exec/configure/analytics/event-latency-events

capture rcv

[no] capture { rcv-window-zero | ip-df }

Syntax Description

capture	Events to be logged
rcv-window-zero	TCP Recieve Window Zero
ip-df	IP Don't Fragment Flag

Command Mode

- /exec/configure/analytics/event-packet-events

capture rcv

[no] capture { rcv-window-zero | ip-df }

Syntax Description

capture	Events to be logged
rcv-window-zero	TCP Recieve Window Zero
ip-df	IP Don't Fragment Flag

Command Mode

- /exec/configure/nfm-event/group-packet-events

capture session

[no] capture session <session-id>

Syntax Description

no	(Optional) Negate a command or set its defaults
capture	Enable packet capture on this filter for session
session	Session ID <1-48> for this session
session-id	Session ID <1-48> for this session

Command Mode

- /exec/configure/ipacl /exec/configure/ipv6acl /exec/configure/macacl /exec/configure/arpacl

carrier-delay

carrier-delay { <sec_val> | msec <msec_val> } | no carrier-delay

Syntax Description

no	Negate a command or set its defaults
carrier-delay	Specify delay for interface transitions
sec_val	Carrier Transitions delay seconds
msec	Carrier Transitions delay milliseconds
msec_val	Carrier Transitions delay milliseconds

Command Mode

- /exec/configure/if-vlan-common

cd

cd <uri0>

Syntax Description

cd	Change current directory
uri0	Enter the name of the directory

Command Mode

- /exec

cdp advertise v1

cdp advertise { v1 | v2 } | no cdp advertise [v1 | v2]

Syntax Description

no	Negate a command or set its defaults
cdp	Configure CDP parameters
advertise	Highest CDP version supported on the switch
v1	CDP Version 1
v2	CDP Version 2

Command Mode

- /exec/configure

cdp enable

[no] cdp enable

Syntax Description

no	(Optional) Negate a command or set its defaults
cdp	Configure CDP interface parameters
enable	Enable/disable CDP on the interface

Command Mode

- /exec/configure/if-ethernet-all /exec/configure/if-gig-ether-all /exec/configure/if-gig-ether /exec/configure/if-eth-base /exec/configure/if-mgmt-ether /exec/configure/if-vethernet /exec/configure/if-veth /exec/configure/if-veth-any /exec/configure/if-veth-all

cdp enable

[no] cdp enable

Syntax Description

no	(Optional) Negate a command or set its defaults
cdp	Configure CDP interface parameters
enable	Enable/disable CDP on all interfaces

Command Mode

- /exec/configure

cdp format device-id

[no] cdp format device-id { mac-address | serial-number | system-name }

Syntax Description

no	(Optional) Negate a command or set its defaults
cdp	Configure CDP parameters
format	Device ID format for CDP
device-id	Device ID format for CDP
mac-address	Mac-address of the Chassis
serial-number	Chassis Serial Number/OUI
system-name	System name/Fully Qualified Domain Name (Default)

Command Mode

- /exec/configure

cdp holdtime

[no] cdp holdtime <i0>

Syntax Description

no	(Optional) Negate a command or set its defaults
cdp	Configure CDP parameters
holdtime	CDP hold time advertised (in seconds)
i0	CDP hold time advertised (in seconds)

Command Mode

- /exec/configure

cdp timer

[no] cdp timer <i1>

Syntax Description

no	(Optional) Negate a command or set its defaults
cdp	Configure CDP parameters
timer	CDP refresh time interval (in seconds)
i1	CDP refresh time interval (in seconds)

Command Mode

- /exec/configure

certificate

certificate <file-name> <host-name> | no certificate

Syntax Description

no	Negate a command or set its defaults
certificate	Specify certificate
file-name	.pem certificate filename
host-name	hostname associated with certificate

Command Mode

- /exec/configure/telemetry/destination-group

certificate

certificate { { trustpoint <trustpoint-label> } | { <file-name> } } <host-name> | no certificate

Syntax Description

no	Negate a command or set its defaults
certificate	Specify certificate
trustpoint	certificate trustpoint
trustpoint-label	trustpoint label name
file-name	.pem certificate filename
host-name	hostname associated with certificate

Command Mode

- /exec/configure/telemetry

certificate trustpoint

certificate trustpoint <trustpoint-label> [<host-name>] | no certificate

Syntax Description

no	Negate a command or set its defaults
certificate	Specify certificate
trustpoint	Specify trustpoint
trustpoint-label	trustpoint label name
host-name	(Optional) trustpoint label name

Command Mode

- /exec/configure/telemetry/destination-group/host

cfs debug all

cfs debug all

Syntax Description

cfs	CFS parameters
debug	Internal command for debugs
all	Internal command for debugs

Command Mode

- /exec

cfs distribute

[no] cfs distribute

Syntax Description

no	(Optional) Negate a command or set its defaults
distribute	Enable fabric wide distribution

Command Mode

- /exec/configure

cfs eth distribute

[no] cfs eth distribute

Syntax Description

no	(Optional) Negate a command or set its defaults
eth	ETH configurations
distribute	Enable CFS distribution over Ethernet

Command Mode

- /exec/configure

cfs ipv4 distribute

[no] cfs ipv4 distribute

Syntax Description

no	(Optional) Negate a command or set its defaults
ipv4	IPv4 configurations
distribute	Enable CFS distribution over IPv4

Command Mode

- /exec/configure

cfs ipv4 mcast-address

{ cfs ipv4 mcast-address <ip0> | no cfs ipv4 mcast-address [<ip0>] }

Syntax Description

no	Negate a command or set its defaults
ipv4	IPv4 configurations
mcast-address	Configure IPv4 multicast address
ip0	Admin scope [239.255/16, 239.192/16-239.251/16]

Command Mode

- /exec/configure

cfs ipv6 distribute

[no] cfs ipv6 distribute

Syntax Description

no	(Optional) Negate a command or set its defaults
ipv6	IPv6 configurations
distribute	Enable CFS distribution over IPv6

Command Mode

- /exec/configure

cfs ipv6 mcast-address

{ cfs ipv6 mcast-address <ipv60> | no cfs ipv6 mcast-address [<ipv60>] }

Syntax Description

no	Negate a command or set its defaults
ipv6	IPv6 configurations
mcast-address	Configure IPv6 multicast address

Command Mode

- /exec/configure

cfs refresh static-peers

cfs refresh static-peers

Syntax Description

cfs	CFS parameters
refresh	Internal command for static peers
static-peers	Internal command for static peers

Command Mode

- /exec

cfs region

[no] cfs region <i0>

Syntax Description

no	(Optional) Negate a command or set its defaults
region	Regions to limit the distribution scope of application(s)
i0	Region Id

Command Mode

- /exec/configure

cfs static-peers

[no] cfs static-peers

Syntax Description

no	(Optional) Negate a command or set its defaults
static-peers	Enable Static peers configuration mode

Command Mode

- /exec/configure

change-password

change-password [old-password <s1> new-password <s2>]

Syntax Description

change-password	Change your password
old-password	THIS KEYWORD OR VARIABLE IS NOT SUPPORTED
s1	THIS KEYWORD OR VARIABLE IS NOT SUPPORTED
new-password	THIS KEYWORD OR VARIABLE IS NOT SUPPORTED
s2	THIS KEYWORD OR VARIABLE IS NOT SUPPORTED

Command Mode

- /exec

channel-group

channel-group <channel-id> [mode { active | passive | on }]

Syntax Description

channel-group	Configure port channel parameters
mode	(Optional) Specify channeling mode
active	(Optional) Set channeling mode to ACTIVE
passive	(Optional) Set channeling mode to PASSIVE
on	(Optional) Set channeling mode to ON
channel-id	Specify a port-channel number

Command Mode

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

channel-group

[no] channel-group [<channel-id> [mode { active | passive | on }]]

Syntax Description

no	Negate a command or set its defaults
channel-group	Configure port channel parameters
mode	(Optional) Specify channeling mode
active	(Optional) Set channeling mode to ACTIVE
passive	(Optional) Set channeling mode to PASSIVE
on	(Optional) Set channeling mode to ON
channel-id	(Optional) Specify a port-channel number

Command Mode

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

channel-group

[no] channel-group

Syntax Description

no	Negate a command or set its defaults
channel-group	Configure port channel parameters

Command Mode

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

channel-group

channel-group <channel-id> | no channel-group

Syntax Description

no	Negate a command or set its defaults
channel-group	add to/remove from a port-channel
channel-id	Specify a port-channel number

Command Mode

- /exec/configure/if-fc /exec/configure/if-bay /exec/configure/if-ext /exec/configure/if-gig-ether /exec/configure/if-fcip

channel-group auto

channel-group auto | no channel-group auto

Syntax Description

no	Negate a command or set its defaults
channel-group	add to/remove from a san-port-channel
auto	Enable Auto Creation of Port Channel

Command Mode

- /exec/configure/if-fc /exec/configure/if-gig-ether /exec/configure/if-fcip

channel-group force

channel-group <channel-id> force [mode { active | passive | on }] | no channel-group <channel-id> force [mode { active | passive | on }]

Syntax Description

no	Negate a command or set its defaults
channel-group	add to/remove from a port-channel
channel-id	Specify a port-channel number
force	Forcefully add a port
mode	(Optional) Specify channeling mode
active	(Optional) Set channeling mode to ACTIVE
passive	(Optional) Set channeling mode to PASSIVE
on	(Optional) Set channeling mode to ON

Command Mode

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

channel-group force

channel-group <channel-id> force

Syntax Description

channel-group	add to/remove from a san-port-channel
channel-id	Specify a san-port-channel number
force	Forcefully add a port

Command Mode

- /exec/configure/if-fc /exec/configure/if-gig-ether /exec/configure/if-fcip

channel mode active

channel mode active | no channel mode active

Syntax Description

no	Negate a command or set its defaults
channel	Set the channel mode for the san-port-channel interface
mode	Set the channel mode for the san-port-channel interface
active	configure ACTIVE san-port-channel

Command Mode

- /exec/configure/if-san-port-channel

chassis associate chassis-serial module-serial port-profile module-side left

chassis associate <chassis_no> chassis-serial <serial_no> module-serial <mod_serial> port-profile <profile_name> module-side { left | right } | no chassis associate [<chassis_no>]

Syntax Description

no	Negate a command or set its defaults
chassis	Configure chassis
associate	Associate the port to a Chassis
chassis_no	Chassis number
chassis-serial	Chassis serial number
serial_no	Serial number
module-serial	Module serial number
mod_serial	Module serial number
port-profile	Port profile for mgmt vnic
profile_name	Profile name
module-side	Module Side
left	Left IO module slot
right	Right IO module slot

Command Mode

- /exec/configure/if-eth-l2-non-member /exec/configure/if-eth-port-channel-switch

chassis management-instance fabric

chassis management-instance <inst> fabric <fabric_no> | no chassis management-instance

Syntax Description

no	Negate a command or set its defaults
chassis	Chassis configuration
management-instance	Management instance configuration
inst	Management Instance
fabric	Left fabric or Right fabric
fabric_no	Fabric number

Command Mode

- /exec/configure

checkpoint

[no] checkpoint <chkpoint_name>

Syntax Description

no	Negate a command or set its defaults
checkpoint	Delete configuration rollback checkpoint
chkpoint_name	Checkpoint name

Command Mode

- /exec

checkpoint

checkpoint { [<name>] [description <descr_str>] | file <file_uri> }

Syntax Description

checkpoint	Create configuration rollback checkpoint
name	(Optional) Checkpoint name
file	Create configuration rollback checkpoint to file
file_uri	Checkpoint file path
description	(Optional) checkpoint description for the given checkpoint
descr_str	(Optional) checkpoint description(can include spaces)

Command Mode

- /exec

cipher-suite

[no] cipher-suite <suite>

Syntax Description

cipher-suite	Configure Cipher Suite
suite	Cipher Suite options

Command Mode

- /exec/configure/tunenc-policy

cipher-suite

[no] cipher-suite { { enforce-peer <allowed-peer-cipher-suite1> [<allowed-peer-cipher-suite2> [<allowed-peer-cipher-suite3> [<allowed-peer-cipher-suite4>]]] } | <suite> }

Syntax Description

cipher-suite	Configure Cipher Suite
enforce-peer	Configure Enforce Peer
allowed-peer-cipher-suite1	Peer Cipher Suite option1
allowed-peer-cipher-suite2	(Optional) Peer Cipher Suite option2
allowed-peer-cipher-suite3	(Optional) Peer Cipher Suite option3
allowed-peer-cipher-suite4	(Optional) Peer Cipher Suite option4
suite	Cipher Suite options

Command Mode

- /exec/configure/macsec-policy

class-map

[no] class-map [type qos] [<any_or_all>] <cmap-name>

Syntax Description

no	(Optional) Negate a command or set its defaults
class-map	Configure a class map
type	(Optional) Specify the type of this class-map
qos	(Optional) Qos class
any_or_all	(Optional) Enter match-any or match-all
cmap-name	class-map name

Command Mode

- /exec/configure

class-map type control-plane

[no] class-map type control-plane [<opt_any_or_all>] <cmap-name>

Syntax Description

no	(Optional) Negate a command or set its defaults
class-map	Configure a class map
type	Specify the type of this class-map
control-plane	Control-Plane
opt_any_or_all	(Optional) Enter match-any or match-all
cmap-name	Class-map name

Command Mode

- /exec/configure

class-map type network-qos

[no] class-map type network-qos [match-any] <cmap-name-nq>

Syntax Description

no	(Optional) Negate a command or set its defaults
class-map	Configure a class map
type	Specify the type of this class-map
network-qos	Network QoS class
match-any	(Optional) Match on any criteria
cmap-name-nq	class-map name

Command Mode

- /exec/configure

class-map type queuing

[no] class-map type queuing { <cmap-dce-name> }

Syntax Description

no	(Optional) Negate a command or set its defaults
class-map	Configure a class map
type	Specify the type of this class-map
queuing	Queuing class
cmap-dce-name	Queuing class-map name

Command Mode

- /exec/configure

class-map type queuing

[no] class-map type queuing [<any_or_all>] { xxx <cmap-enum-name> | <cmap-dce-name> | zzz <cmap-name-hque> }

Syntax Description

no	(Optional) Negate a command or set its defaults
class-map	Configure a class map
type	Specify the type of this class-map
queuing	Queuing class
any_or_all	(Optional) Enter match-any
cmap-enum-name	
xxx	xxx
zzz	zzz
cmap-dce-name	Queuing class-map name
cmap-name-hque	Hierarchical class-map name

Command Mode

- /exec/configure

class

class { <cmap-name> [insert-before <cmap-name2>] | class-default } | no class { <cmap-name> | class-default }

Syntax Description

no	Negate a command or set its defaults
class	Attach class map to policy map
cmap-name	Class-map name
insert-before	(Optional) Insert this class before another class
cmap-name2	(Optional) class map name before which insertion should happen
class-default	Use class default

Command Mode

- /exec/configure/pmap

class

[no] class [type qos] <cmap-name> [insert-before [type qos1] <cmap-name2>]

Syntax Description

no	(Optional) Negate a command or set its defaults
class	Policy Criteria
type	(Optional) Specify the type of class
qos	(Optional) Match on Qos class
cmap-name	class map name
insert-before	(Optional) Insert this class before another class
qos1	(Optional) Insert before Qos class
cmap-name2	(Optional) class map name

Command Mode

- /exec/configure/policy-map

class __inline__

[no] class __inline__ [type psp] <cmap-name-plc> [insert-before <cmap-name2>]

Syntax Description

no	(Optional) Negate a command or set its defaults
class	Policy Criteria
__inline__	Inline Class
type	(Optional) Specify the type of class
psp	(Optional) Match on PSP class
cmap-name-plc	class map name
insert-before	(Optional) Insert this class before another class
cmap-name2	(Optional) class map name

Command Mode

- /exec/configure/policy-map/type/plc

class class-default

[no] class class-default

Syntax Description

no	(Optional) Negate a command or set its defaults
class	Policy Criteria
class-default	System default class matching otherwise unclassified packets

Command Mode

- /exec/configure/policy-map

class type network-qos

[no] class type network-qos <cmap-name-nq>

Syntax Description

no	(Optional) Negate a command or set its defaults
class	Match on network-qos class-map
type	Specify the type of this class-map
network-qos	Network QoS policy
cmap-name-nq	Match class-map name

Command Mode

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

class type network-qos class-default

[no] class type network-qos class-default

Syntax Description

no	(Optional) Negate a command or set its defaults
class	Match on network-qos class-map
type	Specify the type of this class-map
network-qos	Network QoS policy
class-default	System default class matching otherwise not classified cos values

Command Mode

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

class type psp

[no] class type psp { <cmap-name-plc> | { handle1 <ppf_id1> } } [insert-before { <cmap-name2> | { handle2 <ppf_id2> } }]

Syntax Description

no	(Optional) Negate a command or set its defaults
class	Policy Criteria
type	Specify the type of class
psp	Match on PSP class
cmap-name-plc	class map name
handle1	Handle1
ppf_id1	PPF ID1
insert-before	(Optional) Insert this class before another class
cmap-name2	(Optional) class map name
handle2	(Optional) Handle2
ppf_id2	(Optional) PPF ID2

Command Mode

- /exec/configure/policy-map/type/plc

class type queuing

[no] class type queuing { xxx <cmap-enum-name> | <cmap-dce-name> | zzz <cmap-name-hque> } [insert-before type queuing1 yyy <xcmap-enum-name>]

Syntax Description

xxx	xxx
yyy	(Optional) yyy
zzz	zzz
no	(Optional) Negate a command or set its defaults
class	Policy Criteria
type	Specify the type of class
queuing	Match on Queuing class
cmap-enum-name	
cmap-dce-name	Queuing class-map name
cmap-name-hque	Hierarchical class-map name
insert-before	(Optional) Insert this class before another class
queuing1	(Optional) Insert before Queuing class
xcmap-enum-name	(Optional)

Command Mode

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

clear

clear { { ip eigrp [<eigrp-ptag>] neighbors { * | <address> | <interface> } [soft] [no-goodbye] [vrf { <vrf-name> | <vrf-known-name> | all }] } | { ipv6 eigrp [<eigrp-ptag>] neighbors { * | <ipv6-addr> | <interface> } [soft] [no-goodbye] [vrf { <vrf-name> | <vrf-known-name> | all }] } }

Syntax Description

clear	Reset functions
ip	Clear IP commands
ipv6	Clear IPv6 commands
eigrp	EIGRP clear commands
vrf	(Optional) Display per-VRF information
vrf-name	(Optional) VRF name
vrf-known-name	(Optional) Known VRF name
all	(Optional) Display information for all VRFs
eigrp-ptag	(Optional) Process tag
neighbors	Clear EIGRP neighbors
*	Clear all EIGRP neighbors
address	IP-EIGRP neighbor address
interface	Interface
soft	(Optional) Soft reset
no-goodbye	THIS KEYWORD OR VARIABLE IS NOT SUPPORTED
eigrp-ptag	(Optional)

Command Mode

- /exec

clear

clear { { ip route [vrf { <vrf-name> | <vrf-known-name> | <vrf-all> }] } | { routing [vrf { <vrf-name> | <vrf-known-name> }] [ip | ipv4] [unicast] [topology <topology-name>] } } { <all> | { { <ip-addr> | <ip-prefix> } [{ [<nh-addr> | <nh-addr-v6>] [<nh-interface>] } | { <nh-label> }] } } [no-ufdm]

Syntax Description

clear	Reset functions
route	Clear routing information
routing	Clear routing information
vrf	(Optional) Clear per-VRF information
vrf-name	(Optional) VRF name
vrf-known-name	(Optional) Known VRF name
vrf-all	(Optional) Display information for all VRFs
ip	Clear IP commands
ipv4	(Optional) Clear IP commands
unicast	(Optional) Clear unicast information
topology	THIS KEYWORD OR VARIABLE IS NOT SUPPORTED
topology-name	(Optional) Topology name
all	Clear all routes
ip-addr	Clear single host route
ip-prefix	Clear single exact match route
nh-addr	(Optional) Clear single path
nh-label	(Optional) Clear single binding label path
nh-interface	(Optional) Interface Name
no-ufdm	THIS KEYWORD OR VARIABLE IS NOT SUPPORTED

Command Mode

- /exec

clear

clear { { ipv6 route [vrf { <vrf-name> | <vrf-known-name> | <vrf-all> }] } | { routing [vrf { <vrf-name> | <vrf-known-name> }] ipv6 [unicast] [topology <topology-name>] } } { <all> | { { <ipv6-addr> | <ipv6-prefix> } [{ [<nh-addr>] [<nh-interface>] } | { <nh-label> }] } } [no-ufdm]

Syntax Description

clear	Reset functions
route	Clear routing information
routing	Clear routing information
vrf	(Optional) Clear per-VRF information
vrf-name	(Optional) VRF name
vrf-known-name	(Optional) Known VRF name
vrf-all	(Optional) Display information for all VRFs
ipv6	Clear IPv6 commands
unicast	(Optional) Clear unicast information
topology	THIS KEYWORD OR VARIABLE IS NOT SUPPORTED
topology-name	(Optional) Topology name
all	Clear all routes
nh-label	(Optional) Clear single binding label path
nh-interface	(Optional) Interface Name
no-ufdm	THIS KEYWORD OR VARIABLE IS NOT SUPPORTED

Command Mode

- /exec

clear aaa client radius statistics

clear aaa client radius statistics <hostipname>

Syntax Description

clear	Reset functions
aaa	clear aaa information
client	clear AAA client info
radius	clear radius dynamic authorization client info
statistics	clear radius dynamic authorization client statistics
hostipname	IPV4/IPV6 address or DNS name of RADIUS client

Command Mode

- /exec

clear aaa local user blocked username

clear aaa local user blocked { username <s0> | all }

Syntax Description

clear	Reset functions
aaa	Configure aaa functions
local	Local username
user	Local system user
blocked	Clear blocked user
username	Blocked username
s0	Enter the username
all	Clear all the blocked users

Command Mode

- /exec

clear aaa server radius statistics

clear aaa server radius statistics

Syntax Description

clear	Reset functions
aaa	clear aaa information
server	clear Local AAA server info
radius	clear local radius server info
statistics	clear local radius server statistics

Command Mode

- /exec

clear aaa user blocked username

clear aaa user blocked { username <s0> | all }

Syntax Description

clear	Reset functions
aaa	Configure aaa functions
user	system user to clear
blocked	Clear blocked user
username	Blocked username
s0	Enter the username
all	Clear all the blocked users

Command Mode

- /exec

clear access-list counters

clear [<ip_ipv6_mac>] access-list counters [<name>]

Syntax Description

clear	Reset functions
ip_ipv6_mac	(Optional) IP/IPv6/MAC
access-list	Clear access list statistical information
counters	Clear access list counters
name	(Optional) List name

Command Mode

- /exec

clear access-list dest-miss stats

clear access-list dest-miss stats [module <module>]

Syntax Description

clear	Reset functions
access-list	Access Control List
dest-miss	destination-miss info
stats	Clear Statistics for Hardware destination-miss
module	(Optional) Slot/Module
module	(Optional) Slot/module number

Command Mode

- /exec

clear access-list hardware counters

clear access-list hardware counters [module <module>]

Syntax Description

clear	Reset functions
access-list	Clear access list statistical information
hardware	hardware information
counters	Clear access list counters
module	(Optional) Slot/module
module	(Optional) Slot/module number

Command Mode

- /exec

clear access-list ipsg stats

clear access-list ipsg stats [module <module>] [instance <instance_number>]

Syntax Description

clear	Reset functions
access-list	access-list
ipsg	ipsg
stats	Clear Statistics of IPSG drop entries
module	(Optional) Slot/module
module	(Optional) Slot/module number
instance	(Optional) ASIC Instance Number
instance_number	(Optional) ASIC Instance Number in Decimal

Command Mode

- /exec

clear accounting log

clear accounting log

Syntax Description

clear	Reset functions
accounting	Clear accounting log(s) in all vdcs
log	Clear the accounting log(s) in all vdcs

Command Mode

- /exec

clear aclqos cl-qos

clear aclqos cl-qos

Syntax Description

clear	Reset functions
aclqos	Configure aclqos debug
cl-qos	cl-qos logs of ACLQOS

Command Mode

- /exec

clear aclqos fab

clear aclqos fab

Syntax Description

clear	Reset functions
aclqos	Configure aclqos debug
fab	Fabric logs of ACLQOS

Command Mode

- /exec

clear aclqos fc

clear aclqos fc

Syntax Description

clear	Reset functions
aclqos	Configure aclqos debug
fc	fc logs of ACLQOS

Command Mode

- /exec

clear aclqos libdrv

clear aclqos libdrv

Syntax Description

clear	Reset functions
aclqos	Configure aclqos debug
libdrv	libdrv logs of ACLQOS

Command Mode

- /exec

clear aclqos map

clear aclqos map

Syntax Description

clear	Reset functions
aclqos	Configure aclqos debug
map	map logs of ACLQOS

Command Mode

- /exec

clear aclqos merge

clear aclqos merge

Syntax Description

clear	Reset functions
aclqos	Configure aclqos debug
merge	merge logs of ACLQOS

Command Mode

- /exec

clear aclqos pl

clear aclqos pl

Syntax Description

clear	Reset functions
aclqos	Configure aclqos debug
pl	pl logs of ACLQOS

Command Mode

- /exec

clear aclqos ppf-parse

clear aclqos ppf-parse

Syntax Description

clear	Reset functions
aclqos	Configure aclqos debug
ppf-parse	ppf-parse logs of ACLQOS

Command Mode

- /exec

clear aclqos ppf

clear aclqos ppf

Syntax Description

clear	Reset functions
aclqos	Configure aclqos debug
ppf	ppf logs of ACLQOS

Command Mode

- /exec

clear aclqos qng-hw

clear aclqos qng-hw

Syntax Description

clear	Reset functions
aclqos	Configure aclqos debug
qng-hw	Qng logs of ACLQOS

Command Mode

- /exec

clear aclqos qng

clear aclqos qng

Syntax Description

clear	Reset functions
aclqos	Configure aclqos debug
qng	Qng logs of ACLQOS

Command Mode

- /exec

clear aclqos rl

clear aclqos rl

Syntax Description

clear	Reset functions
aclqos	Configure aclqos debug
rl	RL logs of ACLQOS

Command Mode

- /exec

clear aclqos rm

clear aclqos rm

Syntax Description

clear	Reset functions
aclqos	Configure aclqos debug
rm	RM logs of ACLQOS

Command Mode

- /exec

clear aclqos sch

clear aclqos sch

Syntax Description

clear	Reset functions
aclqos	Configure aclqos debug
sch	Sch logs of ACLQOS

Command Mode

- /exec

clear aclqos stats

clear aclqos stats

Syntax Description

clear	Reset functions
aclqos	Configure aclqos debug
stats	stats logs of ACLQOS

Command Mode

- /exec

clear aclqos tbl

clear aclqos tbl

Syntax Description

clear	Reset functions
aclqos	Configure aclqos debug
tbl	tbl logs of ACLQOS

Command Mode

- /exec

clear aclqos trace-detail

clear aclqos trace-detail

Syntax Description

clear	Reset functions
aclqos	Configure aclqos debug
trace-detail	detail logs of ACLQOS

Command Mode

- /exec

clear aclqos trace

clear aclqos trace

Syntax Description

clear	Reset functions
aclqos	Configure aclqos debug
trace	trace logs of ACLQOS

Command Mode

- /exec

clear aclqos uf

clear aclqos uf

Syntax Description

clear	Reset functions
aclqos	Configure aclqos debug
uf	UF logs of ACLQOS

Command Mode

- /exec

clear bfd statistics

clear bfd statistics

Syntax Description

clear	Clear
bfd	bfd
statistics	statistics

Command Mode

- /exec

clear bgp

clear bgp { ipv4 { unicast | multicast } policy statistics { { redistribute [{ { eigrp | isis | ospf | rip } <tag> } | static | direct | amt | lisp | hmm | am] } | { neighbor <neighbor-id> [default-originate | { route-map | filter-list | prefix-list } { in | out }] } | { dampening } | { network { <ip-addr> mask <ip-mask> | <ip-prefix> } } | { aggregate-address { <ip-addr> <ip-mask> | <ip-prefix> } { suppress-map | advertise-map } } } | { vpnv4 | vpnv6 } unicast policy statistics { neighbor <neighbor-id> [{ route-map | filter-list | prefix-list } { in | out }] } | ipv6 { unicast | multicast } policy statistics { { redistribute [{ { eigrp | isis | ospfv3 | rip } <tag> } | static | direct | amt | lisp | hmm | am] } | { neighbor { <neighbor-id> | <ipv6-neighbor-id> } [default-originate | { route-map | filter-list | prefix-list } { in | out }] } | { dampening } | { network <ipv6-prefix> } | { aggregate-address <ipv6-prefix> { suppress-map | advertise-map } } } }

Syntax Description

clear	Reset functions
ipv4	Clear IPv4 address-family
ipv6	Clear IPv6 address-family
vpnv4	Clear VPNv4 address-family
vpnv6	Clear VPNv6 address-family
bgp	Clear BGP sessions
unicast	Clear unicast address-family
multicast	Clear multicast address-family
policy	Clear policy related information
statistics	Clear Route Filter statistics
redistribute	Statistics for redistribution
isis	(Optional) ISO IS-IS
ospf	(Optional) Open Shortest Path First (OSPF)
ospfv3	(Optional) Open Shortest Path First v3
rip	(Optional) Routing Information Protocol
eigrp	(Optional) Enhanced Interior Gateway Protocol
static	(Optional) Static routes
direct	(Optional) Directly connected
amt	THIS KEYWORD OR VARIABLE IS NOT SUPPORTED
lisp	(Optional) LISP EID-prefixes in the non-default VRF
hmm	(Optional) HMM prefix

am	(Optional) AM routes (learned via ARP)
tag	(Optional) Source protocol tag
neighbor	Clear neighbor specific counters
neighbor-id	Neighbor IPv4 address
route-map	(Optional) Neighbor route-map
prefix-list	(Optional) Neighbor prefix-list
filter-list	(Optional) Neighbor filter-list
out	(Optional) Outbound policy
in	(Optional) Inbound policy
default-originate	(Optional) Default-originate policy
dampening	Clear dampening info
network	Configured IP prefix to advertise
aggregate-address	Configured BGP aggregate prefixes
suppress-map	Statistics of suppress policy
advertise-map	Statistics of advertise policy
ip-addr	IP network advertised
mask	Configured mask of the IP prefix advertised
ip-mask	Dotted 4-octet mask
ip-prefix	IP prefix in CIDR format

Command Mode

- /exec

clear bgp bmp stats server

clear bgp bmp stats server { <server-id> | all }

Syntax Description

clear	Reset functions
bgp	Clear BGP sessions
bmp	Clear BMP
stats	Server Stats
server	BMP Server
server-id	Server ID
all	All BMP Servers

Command Mode

- /exec

clear bootvar log

clear bootvar log

Syntax Description

clear	Reset functions
bootvar	Clear the bootvar log
log	Clear the bootvar log

Command Mode

- /exec

clear cdp counters

clear cdp { counters [interface <if0>] | table [interface1 <if1>] }

Syntax Description

clear	Reset functions
cdp	Cisco Discovery Protocol
counters	Clear CDP counters on all interfaces
interface	(Optional) Clear CDP counters on an interface
if0	(Optional)
table	Clear CDP cache on all interfaces
interface1	(Optional) Clear CDP cache on an interface
if1	(Optional)

Command Mode

- /exec

clear checkpoint database

clear checkpoint database [user | system]

Syntax Description

clear	Reset functions
checkpoint	Clear configuration rollback checkpoint
database	Clear configuration rollback checkpoint database
user	(Optional) Clear configuration rollback checkpoint database for user checkpoints
system	(Optional) Clear configuration rollback checkpoint database for system checkpoints

Command Mode

- /exec

clear cli history

clear cli history

Syntax Description

clear	Reset functions
cli	debug cli
history	history of cli commands

Command Mode

- /exec

clear configuration

clear configuration

Syntax Description

clear	Reset functions
configuration	session configuration

Command Mode

- /exec/configure

clear configuration commits oldest

clear configuration commits { oldest <s0> | diskspace <s1> }

Syntax Description

clear	Reset functions
configuration	session configuration
commits	Delete commits from the commit database
oldest	Delete oldest <n> rollback points
s0	Number of rollback points to delete
diskspace	Free up specified amount of disk space
s1	Number of Kilo Bytes of disk space to free

Command Mode

- /exec

clear controller accounting log

clear controller <ctrl-id> accounting log

Syntax Description

clear	Show running system information
controller	Controller command
ctrl-id	Controller id value
accounting	Accounting
log	Clear log information

Command Mode

- /exec

clear copp statistics

clear copp statistics

Syntax Description

clear	Reset functions
copp	Clear policy information for copp
statistics	Clear statistics

Command Mode

- /exec

clear cores

clear cores

Syntax Description

clear	Reset functions
cores	clear all core dumps for the switch

Command Mode

- /exec

clear cores archive

clear cores archive [file <s0>]

Syntax Description

clear	Reset functions
cores	clear all cores for this vdc
archive	clear all core dump files for this vdc from logflash on this module
file	(Optional) delete a core file on logflash
s0	(Optional) Name of file in directory 'core

Command Mode

- /exec

clear counters

clear counters

Syntax Description

clear	Reset functions
counters	Clear counters

Command Mode

- /exec

clear counters buffers

clear counters buffers [module <module> [instance <instance>]] [__readonly__ <clear_valid>]

Syntax Description

clear	Reset functions
counters	Clear counters
buffers	Clear system buffer max cell usage counter
module	(Optional) Slot/module
module	(Optional) Slot/module number
instance	(Optional) ASIC Instance Number
instance	(Optional) ASIC Instance Number in Decimal
__readonly__	(Optional) Read Only
clear_valid	(Optional) Clear

Command Mode

- /exec

clear counters interface

clear counters interface <ifindex1> [snmp]

Syntax Description

clear	Reset functions
counters	Clear counters
interface	Clear interface counters
ifindex1	Clear interface counters
snmp	(Optional) Clear snmp interface counters

Command Mode

- /exec

clear counters interface

clear counters interface <ifindex>

Syntax Description

clear	Reset functions
counters	Clear counters
interface	Clear interface counters
ifindex	Clear interface counters

Command Mode

- /exec

clear counters interface all

clear counters interface all

Syntax Description

clear	Reset functions
counters	Clear counters
interface	Clear interface counters
all	Clear all interface counters

Command Mode

- /exec

clear counters interface all

clear counters interface all

Syntax Description

clear	Reset functions
counters	Clear counters
interface	Clear interface counters
all	Clear all interface counters

Command Mode

- /exec

clear counters interface snmp

clear counters interface <ifindex> snmp

Syntax Description

clear	Reset functions
counters	Clear counters
interface	Clear interface counters
ifindex	Clear interface counters
snmp	Clear snmp interface counters

Command Mode

- /exec

clear counters mpls strip

clear counters mpls strip

Syntax Description

clear	Reset functions
mpls	MPLS information
strip	Stripping of MPLS headers
counters	stats/counters for labels

Command Mode

- /exec

clear counters tah-buffers

clear counters tah-buffers [module <module>] [{ instance <instance> | { unit <unit> slice <slice> } }]

Syntax Description

clear	Reset functions
counters	Clear counters
tah-buffers	Clear system buffer max cell usage counter
instance	(Optional) ASIC Instance Number
instance	(Optional) ASIC Instance Number in Decimal
unit	(Optional) Asic Number
unit	(Optional) Asic Number on the module
slice	(Optional) slice num on asic
slice	(Optional) slice number on asic
module	(Optional) Slot/module
module	(Optional) Slot/module number

Command Mode

- /exec

clear crypto ca trustpool timer

clear crypto ca trustpool timer

Syntax Description

clear	Reset functions
crypto	Set crypto settings
ca	Configure certificate authority related information
trustpool	certificate trustpool
timer	clear trustpool timer

Command Mode

- /exec/

clear debug logfile

clear debug logfile <s0>

Syntax Description

clear	Reset functions
debug	Debugging functions
logfile	Remove the debug logfile
s0	Provide name of the file

Command Mode

- /exec

clear device-alias database

clear device-alias database

Syntax Description

clear	Reset functions
device-alias	Clear commands for device-alias
database	Clear device-alias database

Command Mode

- /exec

clear device-alias session

clear device-alias session

Syntax Description

clear	Reset functions
device-alias	Clear commands for device-alias
session	Clear device-alias session

Command Mode

- /exec

clear device-alias statistics

clear device-alias statistics

Syntax Description

clear	Reset functions
device-alias	Clear commands for device-alias
statistics	Clear device-alias statistics

Command Mode

- /exec

clear dot1x all

{ clear dot1x all } | { clear dot1x interface <if> } | { clear dot1x mac <addr> } | { clear dot1x dacl-clients }

Syntax Description

clear	Reset functions
dot1x	dot1x configuration commands
all	Authenticator instances on all interfaces
mac	Specific MAC address of the Supplicant
dacl-clients	All existing DACLs
if	target interface
addr	MAC Address

Command Mode

- /exec

clear dot1x stats interface

{ clear dot1x stats interface <if> } | { clear dot1x stats mac <addr> }

Syntax Description

clear	Reset functions
dot1x	dot1x configuration commands
stats	clear stats
mac	Specific MAC address of the Supplicant
if	target interface
addr	MAC Address

Command Mode

- /exec

clear dpvm auto-learn

clear dpvm auto-learn [pwwn <wwn0>] [mac <mac0>]

Syntax Description

clear	Reset functions
dpvm	Dynamic Port Vsan Membership (dpvm)
auto-learn	Clear dpvm auto-learnt entries
pwwn	(Optional) Device PWWN
wwn0	(Optional) PWWN of the Device
mac	(Optional) FCoE Device MAC
mac0	(Optional) MAC address

Command Mode

- /exec

clear dpvm merge statistics

clear dpvm merge statistics

Syntax Description

clear	Reset functions
dpvm	Dynamic Port Vsan Membership (dpvm)
merge	Clear dpvm merge information
statistics	Clear dpvm merge statistics

Command Mode

- /exec

clear dpvm session

clear dpvm session

Syntax Description

clear	Reset functions
dpvm	Dynamic Port Vsan Membership (dpvm)
session	Clear dpvm session

Command Mode

- /exec

clear ecp statistics

clear ecp statistics

Syntax Description

clear	Reset functions
ecp	ECP (Edge Control Protocol)
statistics	Clear ECP Statistics

Command Mode

- /exec

clear epbr statistics policy

clear epbr statistics policy <policy-name>

Syntax Description

clear	Reset functions
epbr	EPBR policy
statistics	EPBR statistics
policy	EPBR Policy
policy-name	EPBR policy-name

Command Mode

- /exec

clear esmc counters

clear esmc counters [interface <if0>]

Syntax Description

clear	Reset functions
esmc	Ethernet Synchronization Messaging Channel
counters	clear ESMC packet counters
interface	(Optional) Enter the port interface
if0	(Optional)

Command Mode

- /exec

clear evb hosts

clear evb { hosts | vsi } [force-standby] [{ [mac <mac-addr> | interface <intf-name> | vlan <vlan-id> | vni <vni-id> | ip <ip-addr> | ipv6 <ipv6-addr>] + }]

Syntax Description

clear	Reset functions
evb	EVB (Edge Virtual Bridge)
hosts	Clear EVB host information
vsi	Clear EVB vsi information
force-standby	(Optional) Force to clear standby entries
mac	(Optional) Clear entries by filtering MAC address
mac-addr	(Optional) MAC Address
interface	(Optional) Clear entries by filtering interface
intf-name	(Optional) Interface name
vlan	(Optional) Clear entries by filtering VLAN
vlan-id	(Optional) VLAN ID
vni	(Optional) Clear entries by filtering VNI
vni-id	(Optional) VNI
ip	(Optional) Clear entries by filtering IP address
ipv6	(Optional) Clear entries by filtering IPv6 address
ip-addr	(Optional) IPV4 host address

Command Mode

- /exec

clear evb hosts

clear evb { hosts | vsi } [force-standby] *

Syntax Description

clear	Reset functions
evb	EVB (Edge Virtual Bridge)
hosts	Clear EVB host information
vsi	Clear EVB vsi information
force-standby	(Optional) Force to clear standby entries
*	Clear all entries (Should be a * character)

Command Mode

- /exec

clear evb statistics

clear evb statistics

Syntax Description

clear	Reset functions
evb	EVB (Edge Virtual Bridge)
statistics	Clear EVB Statistics

Command Mode

- /exec

clear fabric-binding statistics vsan

clear fabric-binding statistics vsan <i0>

Syntax Description

clear	Reset functions
fabric-binding	Fabric Binding
statistics	Clear fabric-binding counters
vsan	Clear statistics for a VSAN
i0	VSAN range

Command Mode

- /exec

clear fabric database dci vrf node-id

clear fabric database dci vrf { <vrf-name> | <vrf-known-name> } node-id <mgmt-ip-address> [peer-id <peer-ip-address>]

Syntax Description

clear	Reset functions
fabric	Fabric
database	Fabric Database
dci	DCI profile
vrf	Display per-VRF information
vrf-name	VRF name
vrf-known-name	Known VRF name
node-id	management ip address of this node
mgmt-ip-address	IP address in CIDR format
peer-id	(Optional) management ip address of peer
peer-ip-address	(Optional) IP address in CIDR format

Command Mode

- /exec

clear fabric database host statistics

clear fabric database host statistics

Syntax Description

clear	Reset functions
fabric	Fabric
database	Fabric Database
host	Auto-configured Hosts
statistics	Statistics

Command Mode

- /exec

clear fabric database statistics

clear fabric database statistics [type { network | profile | cabling | partition | bl-dci } [server-proto ldap { ipv6 <ipv6addr> | ip <ipaddr> | host <hostname> } [port <portnum>] [vrf { <vrf-name> | <vrf-known-name> }]]]

Syntax Description

clear	Reset functions
fabric	Fabric
database	Clear Fabric Database
statistics	Clear database statistics
type	(Optional) Enter database type
network	(Optional) Network Database
profile	(Optional) Port or Switch Profile Database
cabling	(Optional) Cable Management Database
partition	(Optional) Partition Database
bl-dci	(Optional) Border Leaf - DCI
server-proto	(Optional) Enter database protocol
ldap	(Optional) Use LDAP
ipv6	(Optional) IPv6 address of server
ip	(Optional) IP address of server
ipaddr	(Optional) Enter IP address of server
host	(Optional) Hostname of server
hostname	(Optional) Enter hostname of server
port	(Optional) Port
portnum	(Optional) Enter port number
vrf	(Optional) vrf context
vrf-name	(Optional) VRF name
vrf-known-name	(Optional) Known VRF name

Command Mode

- /exec

clear fabric database statistics type server-proto xmpp ip

clear fabric database statistics type { network | profile | cabling | partition | bl-dci } server-proto xmpp { ip <ipaddr> | host <hostname> } [port <portnum>] [vrf { <vrf-name> | <vrf-known-name> }]

Syntax Description

clear	Reset functions
fabric	Fabric
database	Clear Fabric Database
statistics	Clear database statistics
type	Enter database type
network	Network Database
profile	Port or Switch Profile Database
cabling	Cable Management Database
partition	Partition Database
bl-dci	Border Leaf - DCI
server-proto	Enter database protocol
xmpp	Use XMPP
ip	IP address of server
ipaddr	Enter IP address of server
host	Hostname of server
hostname	Enter hostname of server
port	(Optional) Port
portnum	(Optional) Enter port number
vrf	(Optional) vrf context
vrf-name	(Optional) VRF name
vrf-known-name	(Optional) Known VRF name

Command Mode

- /exec

clear fabric database statistics type server-proto radius group

clear fabric database statistics type { network | profile | cabling | partition | bl-dci } server-proto radius group <groupname>

Syntax Description

clear	Reset functions
fabric	Fabric
database	Clear Fabric Database
statistics	Clear database statistics
type	Enter database type
network	Network Database
profile	Port or Switch Profile Database
cabling	Cable Management Database
partition	Partition Database
bl-dci	Border Leaf - DCI
server-proto	Enter database protocol
radius	Use RADIUS
group	AAA group
groupname	Enter AAA group name of servers

Command Mode

- /exec

clear fabricpath isis adjacency

clear fabricpath isis [<l2mp-isis-tag>] adjacency { * | { <interface> | system-id <sid> } + }

Syntax Description

clear	Reset functions
fabricpath	Clear fabricpath information
isis	Fabricpath IS-IS information
l2mp-isis-tag	THIS KEYWORD OR VARIABLE IS NOT SUPPORTED
adjacency	Clear IS-IS adjacency state
*	IS-IS adjacencies on all interfaces
interface	IS-IS interface
system-id	Hostname or System ID
sid	Hostname or System ID (in the form of XXXX.XXXX.XXXX)

Command Mode

- /exec

clear fabricpath isis statistics

clear fabricpath isis [<l2mp-isis-tag>] statistics *

Syntax Description

clear	Reset functions
fabricpath	Clear fabricpath information
isis	Fabricpath IS-IS information
l2mp-isis-tag	THIS KEYWORD OR VARIABLE IS NOT SUPPORTED
statistics	Clear IS-IS protocol statistics
*	All IS-IS protocol statistics

Command Mode

- /exec

clear fabricpath isis traffic

clear fabricpath isis [<l2mp-isis-tag>] traffic { * | <interface> }

Syntax Description

clear	Reset functions
fabricpath	Clear fabricpath information
isis	Fabricpath IS-IS information
l2mp-isis-tag	THIS KEYWORD OR VARIABLE IS NOT SUPPORTED
traffic	Clear IS-IS traffic information
*	All IS-IS traffic information
interface	IS-IS interface

Command Mode

- /exec

clear fc2

clear fc2 [counters]

Syntax Description

clear	Reset functions
fc2	Clear FC2 Port Counters
counters	(Optional) Clear All FC2/FCoE Port Counters

Command Mode

- /exec

clear fcdomain session vsan

clear fcdomain session vsan <i0>

Syntax Description

clear	Reset functions
fcdomain	Clear lock across VSAN
session	Clear lock across VSAN
vsan	Specify the vsan id
i0	VSAN id

Command Mode

- /exec

clear fcns statistics vsan

clear fcns statistics vsan <i0>

Syntax Description

clear	Reset functions
fcns	clear fcns counters
statistics	clear name server statistics
vsan	clear name server statistics for the given vsan(s)
i0	VSAN id range

Command Mode

- /exec

clear fcs statistics vsan

clear fcs statistics vsan <i0>

Syntax Description

clear	Reset functions
statistics	Clear fcs counters
vsan	Clear statistics for a VSAN
i0	VSAN range

Command Mode

- /exec

clear fctimer session

clear fctimer session

Syntax Description

clear	Reset functions
fctimer	clear fctimer cfs session
session	abort an existing cfs session

Command Mode

- /exec

clear flow cache

clear flow cache [ipv4 | ipv6 | ce] [force-export]

Syntax Description

clear	Reset functions
flow	NetFlow information
cache	Clear only cache contents
ipv4	(Optional) Show ipv4 cache entries
ipv6	(Optional) Show ipv6 cache entries
ce	(Optional) Show ce cache entries
force-export	(Optional) Force the cache entries to be exported

Command Mode

- /exec

clear flow cache

clear flow cache [ipv4 | ipv6 | ce] [force-export]

Syntax Description

clear	Reset functions
flow	NetFlow information
cache	Clear only cache contents
ipv4	(Optional) Show ipv4 cache entries
ipv6	(Optional) Show ipv6 cache entries
ce	(Optional) Show ce cache entries
force-export	(Optional) Force the cache entries to be exported

Command Mode

- /exec

clear flow exporter

clear flow exporter { [name] <exportername> | all }

Syntax Description

clear	Reset functions
flow	NetFlow information
exporter	Clear NetFlow exporter statistics
name	(Optional) The name of the exporter
exportername	Specify an exporter
all	Clear all exporter statistics

Command Mode

- /exec

clear flow rtp details

clear flow rtp { details | history } [ipv4 | ipv6]

Syntax Description

clear	Reset functions
flow	NetFlow information
rtp	Clear rtp cache contents
details	flow details
history	clear rtp history entries
ipv4	(Optional) clear ipv4 cache entries
ipv6	(Optional) clear ipv6 cache entries

Command Mode

- /exec

clear forwarding adjacency mpls stats

clear forwarding [ipv4] adjacency mpls stats [vrf { <vrf-name> | <vrf-known-name> | <vrf-all> }] [<aif>] [<anh>] [module <module>]

Syntax Description

clear	Reset functions
forwarding	forwarding
adjacency	display adjacency information
mpls	mpls adjacency information
stats	Clear adjacency statistics
vrf	(Optional) display info per VRF
vrf-name	(Optional) VRF name
vrf-known-name	(Optional) Known VRF name
vrf-all	(Optional) Display information for all VRFs
ipv4	(Optional) ipv4
aif	(Optional) adjacency output interface
anh	(Optional) adjacency next hop
module	(Optional) slot
module	(Optional) slot number

Command Mode

- /exec

clear forwarding cumulative counter

clear forwarding cumulative counter [all | v4_ucast_add | v4_ucast_del | v6_ucast_add | v6_ucast_del] [module <module>]

Syntax Description

clear	clear
forwarding	forwarding information
cumulative	accumulated prefix add/delete count
counter	counter
all	(Optional) all
v4_ucast_add	(Optional) IPv4 unicast route add count
v4_ucast_del	(Optional) IPv4 unicast route delete count
v6_ucast_add	(Optional) IPv6 unicast route add count
v6_ucast_del	(Optional) IPv6 unicast route delete count
module	(Optional) slot
module	(Optional) slot number

Command Mode

- /exec

clear forwarding distribution lisp counters all

clear forwarding distribution lisp counters all

Syntax Description

clear	
forwarding	forwarding
distribution	fib distribution information
lisp	lisp application
counters	counters
all	all vrf's

Command Mode

- /exec

clear forwarding events-history

clear forwarding events-history

Syntax Description

clear	Reset functions
forwarding	forwarding
events-history	Events history

Command Mode

- /exec

clear forwarding inconsistency

clear forwarding [ipv4 | ip] [unicast] inconsistency

Syntax Description

clear	clear
forwarding	forwarding
ip	(Optional) ipv4
ipv4	(Optional) ipv4
unicast	(Optional) unicast
inconsistency	route inconsistency check

Command Mode

- /exec

clear forwarding ipv4 multicast counters

clear forwarding ipv4 multicast counters [vrf { <vrf-name> | <vrf-known-name> | all }] { [group <gaddr> [source <saddr>]] | [source <saddr> [group <gaddr>]] } [module <module>]

Syntax Description

clear	
forwarding	fib information
vrf	(Optional) Specify VRF
vrf-name	(Optional) VRF name
vrf-known-name	(Optional) Known VRF name
all	(Optional) Display information for all VRFs
ipv4	Ipv4
multicast	Multicast IPv4 information
counters	
group	(Optional) Multicast IPv4 Group specific info
gaddr	(Optional) Multicast IPv4 Group Address
source	(Optional) Multicast IPv4 Source specific info
saddr	(Optional) Multicast IPv4 Source Address
module	(Optional) slot
module	(Optional) slot number

Command Mode

- /exec

clear forwarding ipv6-l3-route-history

clear forwarding ipv6-l3-route-history

Syntax Description

clear	Reset functions
forwarding	forwarding
ipv6-l3-route-history	IPV6 L3 Route history

Command Mode

- /exec

clear forwarding ipv6 adjacency mpls stats

clear forwarding ipv6 adjacency mpls stats [vrf { <vrf-name> | <vrf-known-name> | <vrf-all> }] [<aif>] [<anh>] [module <module>]

Syntax Description

clear	Reset functions
forwarding	forwarding
ipv6	ipv6
adjacency	adjacency information
mpls	mpls adjacency information
stats	Clear adjacency statistics
vrf	(Optional) display info per VRF
vrf-name	(Optional) VRF name
vrf-known-name	(Optional) Known VRF name
vrf-all	(Optional) Display information for all VRFs
aif	(Optional) adjacency output interface
module	(Optional) slot
module	(Optional) slot number

Command Mode

- /exec

clear forwarding ipv6 inconsistency

clear forwarding ipv6 [unicast] inconsistency

Syntax Description

clear	clear
forwarding	forwarding
ipv6	ipv6
unicast	(Optional) unicast
inconsistency	route inconsistency check

Command Mode

- /exec

clear forwarding ipv6 multicast counters

clear forwarding ipv6 multicast counters [vrf { <vrf-name> | <vrf-known-name> | all }] { [group <gaddr> [source <saddr>]] | [source <saddr> [group <gaddr>]] } [module <module>]

Syntax Description

clear	
forwarding	fib information
vrf	(Optional) Specify VRF
vrf-name	(Optional) VRF name
vrf-known-name	(Optional) Known VRF name
all	(Optional) Display information for all VRFs
ipv6	Ipv6
multicast	Multicast IPv6 information
counters	
group	(Optional) Multicast IPv6 Group specific info
source	(Optional) Multicast IPv6 Source specific info
module	(Optional) slot
module	(Optional) slot number

Command Mode

- /exec

clear forwarding ipv6 route module

clear forwarding ipv6 { route } [vrf <vrf-name>] { <prefix> | all_routes } module { all_modules | <module> } [no-urib]

Syntax Description

clear	
forwarding	forwarding information
ipv6	ipv6
route	route
vrf	(Optional) delete routes for a specific vrf
vrf-name	(Optional) VRF name
all_routes	delete all routes
module	module
all_modules	all module's
module	module number
no-urib	THIS KEYWORD OR VARIABLE IS NOT SUPPORTED

Command Mode

- /exec

clear forwarding l2-mc-route-history

clear forwarding l2-mc-route-history

Syntax Description

clear	Reset functions
forwarding	forwarding
l2-mc-route-history	L2 MacgRoute history

Command Mode

- /exec

clear forwarding l2-oiflist-history

clear forwarding l2-oiflist-history

Syntax Description

clear	Reset functions
forwarding	forwarding
l2-oiflist-history	L2 Oiflist history

Command Mode

- /exec

clear forwarding l2-route-history

clear forwarding l2-route-history

Syntax Description

clear	Reset functions
forwarding	forwarding
l2-route-history	L2 Route history

Command Mode

- /exec

clear forwarding l2_prime-oiflist-history

clear forwarding l2_prime-oiflist-history

Syntax Description

clear	Reset functions
forwarding	forwarding
l2_prime-oiflist-history	L2 Oiflist history

Command Mode

- /exec

clear forwarding l2mcast info l2-mc-route-history

clear forwarding l2mcast info l2-mc-route-history [module <num>]

Syntax Description

clear	Reset functions
forwarding	forwarding
l2mcast	l2mcast
info	L2mcast Internal Info
l2-mc-route-history	L2 Macg Route history
module	(Optional) Slot
num	(Optional) Slot number

Command Mode

- /exec

clear forwarding l2mcast info l2-oiflist-history

clear forwarding l2mcast info l2-oiflist-history [module <num>]

Syntax Description

clear	Reset functions
forwarding	forwarding
l2mcast	l2mcast
info	L2mcast Internal Info
l2-oiflist-history	L2 oiflist history
module	(Optional) Slot
num	(Optional) Slot number

Command Mode

- /exec

clear forwarding l2mcast info l2-route-history

clear forwarding l2mcast info l2-route-history [module <num>]

Syntax Description

clear	Reset functions
forwarding	forwarding
l2mcast	l2mcast
info	L2mcast Internal Info
l2-route-history	L2 Route history
module	(Optional) Slot
num	(Optional) Slot number

Command Mode

- /exec

clear forwarding l2mcast info l2-xbar-history

clear forwarding l2mcast info l2-xbar-history [module <num>]

Syntax Description

clear	Reset functions
forwarding	forwarding
l2mcast	l2mcast
info	L2mcast Internal Info
l2-xbar-history	L2 Route history
module	(Optional) Slot
num	(Optional) Slot number

Command Mode

- /exec

clear forwarding l2mcast info statistics

clear forwarding l2mcast info statistics [module <num>]

Syntax Description

clear	Clear all entries
forwarding	Forwarding Information
l2mcast	Layer-2 multicast
info	L2mcast Internal Info
statistics	L2mcast Internal Info Statistics
module	(Optional) Slot
num	(Optional) Slot number

Command Mode

- /exec

clear forwarding l2rib-route-history

clear forwarding l2rib-route-history

Syntax Description

clear	Reset functions
forwarding	forwarding
l2rib-route-history	L2rib Route history

Command Mode

- /exec

clear forwarding l2vpn trace member-history

clear forwarding l2vpn trace member-history

Syntax Description

clear	Reset functions
forwarding	forwarding
l2vpn	L2VPN
trace	internal trace
member-history	member history

Command Mode

- /exec

clear forwarding l3-route-history

clear forwarding l3-route-history

Syntax Description

clear	Reset functions
forwarding	forwarding
l3-route-history	L3 Route history

Command Mode

- /exec

clear forwarding mpls drop-stats

clear forwarding mpls drop-stats

Syntax Description

clear	Clear Statistics
forwarding	forwarding
mpls	mpls forwarding
drop-stats	Clear dropped packets stats

Command Mode

- /exec

clear forwarding mpls stats

clear forwarding mpls stats [vrf { <vrf-name> | <vrf-known-name> | <vrf-all> }] [table <table_id>] [[label <label> | <prefix> | <v6prefix>] | [label-space <label-space-id>]] [module <module>]

Syntax Description

clear	Reset functions
forwarding	forwarding
mpls	mpls
stats	Clear Input Statistics
vrf	(Optional) display info per VRF
vrf-name	(Optional) VRF name
vrf-known-name	(Optional) Known vrf name
vrf-all	(Optional) Display information for all VRFs
table	(Optional) display info per vpn-id
table_id	(Optional) table number
label-space	THIS KEYWORD OR VARIABLE IS NOT SUPPORTED
label-space-id	(Optional) label space id
label	(Optional) mpls labels
label	(Optional) mpls label value
prefix	(Optional) Labels for single exact match route
module	(Optional) slot
module	(Optional) slot number

Command Mode

- /exec

clear forwarding mpls trace adj-history

clear forwarding mpls trace adj-history [module <module>]

Syntax Description

clear	Reset functions
forwarding	forwarding
mpls	mpls
trace	internal trace
adj-history	adjacency history
module	(Optional) slot
module	(Optional) slot number

Command Mode

- /exec

clear forwarding mpls trace ecmp-history

clear forwarding mpls trace ecmp-history [module <module>]

Syntax Description

clear	Reset functions
forwarding	forwarding
mpls	mpls
trace	internal trace
ecmp-history	ECMP history
module	(Optional) slot
module	(Optional) slot number

Command Mode

- /exec

clear forwarding mpls trace label-history

clear forwarding mpls trace label-history [module <module>]

Syntax Description

clear	Reset functions
forwarding	forwarding
mpls	mpls
trace	internal trace
label-history	label history
module	(Optional) slot
module	(Optional) slot number

Command Mode

- /exec

clear forwarding mpls trace te-history

clear forwarding mpls trace te-history [module <module>]

Syntax Description

clear	Reset functions
forwarding	forwarding
mpls	mpls
trace	internal trace
te-history	TE history
module	(Optional) slot
module	(Optional) slot number

Command Mode

- /exec

clear forwarding oiflist-history

clear forwarding oiflist-history

Syntax Description

clear	Reset functions
forwarding	forwarding
oiflist-history	Oiflist history

Command Mode

- /exec

clear forwarding otv oiflist-history

clear forwarding otv oiflist-history

Syntax Description

clear	Reset functions
forwarding	forwarding
otv	Display OTV information
oiflist-history	Oiflist history

Command Mode

- /exec

clear forwarding proactive-cc inconsistencies

clear forwarding proactive-cc inconsistencies

Syntax Description

clear	
forwarding	Forwarding Information
proactive-cc	Proactive Consistency Checker
inconsistencies	Clear CC run inconsistencies

Command Mode

- /exec

clear forwarding proactive-cc stats

clear forwarding proactive-cc stats

Syntax Description

clear	
forwarding	Forwarding Information
proactive-cc	Proactive Consistency Checker
stats	Clear CC run stats

Command Mode

- /exec

clear forwarding route module

clear forwarding [ip | ipv4] { route } [vrf <vrf-name>] { <prefix> | all_routes } module { all_modules | <module> } [no-urib]

Syntax Description

clear	
forwarding	forwarding information
ip	(Optional) ipv4
ipv4	(Optional) ipv4
route	route
vrf	(Optional) delete routes for a specific vrf
vrf-name	(Optional) VRF name
prefix	delete specific prefix
all_routes	delete all routes
module	module
all_modules	all module's
module	module number
no-urib	THIS KEYWORD OR VARIABLE IS NOT SUPPORTED

Command Mode

- /exec

clear forwarding trace ecmp-history

clear forwarding trace ecmp-history [module <module>]

Syntax Description

clear	Reset functions
forwarding	forwarding
trace	internal trace
ecmp-history	ECMP history
module	(Optional) slot
module	(Optional) slot number

Command Mode

- /exec

clear forwarding trace mfib mct-history

clear forwarding trace mfib mct-history

Syntax Description

clear	Reset functions
forwarding	forwarding
trace	internal trace
mfib	mfib entries
mct-history	mct history

Command Mode

- /exec

clear forwarding trace mfib oif-history

clear forwarding trace mfib oif-history

Syntax Description

clear	Reset functions
forwarding	forwarding
trace	internal trace
mfib	mfib entries
oif-history	oif history

Command Mode

- /exec

clear forwarding trace mfib oiflist-history

clear forwarding trace mfib oiflist-history

Syntax Description

clear	Reset functions
forwarding	forwarding
trace	internal trace
mfib	mfib entries
oiflist-history	oiflist history

Command Mode

- /exec

clear forwarding trace mfib otv oif-history

clear forwarding trace mfib otv oif-history

Syntax Description

clear	Reset functions
forwarding	forwarding
trace	internal trace
mfib	mfib entries
otv	otv entries
oif-history	oif history

Command Mode

- /exec

clear forwarding trace mfib otv oiflist-history

clear forwarding trace mfib otv oiflist-history

Syntax Description

clear	Reset functions
forwarding	forwarding
trace	internal trace
mfib	mfib entries
otv	otv entries
oiflist-history	oiflist history

Command Mode

- /exec

clear forwarding trace mfib otv v4-route-history

clear forwarding trace mfib otv v4-route-history

Syntax Description

clear	Reset functions
forwarding	forwarding
trace	internal trace
mfib	mfib entries
otv	otv entries
v4-route-history	v4 route history

Command Mode

- /exec

clear forwarding trace mfib otv v6-route-history

clear forwarding trace mfib otv v6-route-history

Syntax Description

clear	Reset functions
forwarding	forwarding
trace	internal trace
mfib	mfib entries
otv	otv mfib entries
v6-route-history	v6 route history

Command Mode

- /exec

clear forwarding trace mfib platform oiflist-history

clear forwarding trace mfib platform oiflist-history

Syntax Description

clear	Clear
forwarding	Forwarding information
trace	internal trace
mfib	mfib entries
platform	platform information
oiflist-history	Oiflist history

Command Mode

- /exec

clear forwarding trace mfib v4-route-history

clear forwarding trace mfib v4-route-history

Syntax Description

clear	Reset functions
forwarding	forwarding
trace	internal trace
mfib	clear mfib entries
v4-route-history	v4 route history

Command Mode

- /exec

clear forwarding trace mfib v6-route-history

clear forwarding trace mfib v6-route-history

Syntax Description

clear	Reset functions
forwarding	forwarding
trace	internal trace
mfib	mfib entries
v6-route-history	v6 route history

Command Mode

- /exec

clear forwarding trace nve-ir-peer-history

clear forwarding trace nve-ir-peer-history [module <module>]

Syntax Description

clear	Reset functions
forwarding	forwarding
trace	internal trace
nve-ir-peer-history	NVE ir-peer history
module	(Optional) slot
module	(Optional) slot number

Command Mode

- /exec

clear forwarding trace nve-l2-vni-history

clear forwarding trace nve-l2-vni-history [module <module>]

Syntax Description

clear	Reset functions
forwarding	forwarding
trace	internal trace
nve-l2-vni-history	NVE L2 VNI history
module	(Optional) slot
module	(Optional) slot number

Command Mode

- /exec

clear forwarding trace nve-l3-vni-history

clear forwarding trace nve-l3-vni-history [module <module>]

Syntax Description

clear	Reset functions
forwarding	forwarding
trace	internal trace
nve-l3-vni-history	NVE L3 VNI history
module	(Optional) slot
module	(Optional) slot number

Command Mode

- /exec

clear forwarding trace nve-peer-history

clear forwarding trace nve-peer-history [module <module>]

Syntax Description

clear	Reset functions
forwarding	forwarding
trace	internal trace
nve-peer-history	NVE peer history
module	(Optional) slot
module	(Optional) slot number

Command Mode

- /exec

clear forwarding trace otv-adj-history

clear forwarding trace otv-adj-history [module <module>]

Syntax Description

clear	Reset functions
forwarding	forwarding
trace	internal trace
otv-adj-history	otv adj history
module	(Optional) slot
module	(Optional) slot number

Command Mode

- /exec

clear forwarding trace otv-vlan-history

clear forwarding trace otv-vlan-history [module <module>]

Syntax Description

clear	Reset functions
forwarding	forwarding
trace	internal trace
otv-vlan-history	otv vlan prefix history
module	(Optional) slot
module	(Optional) slot number

Command Mode

- /exec

clear forwarding trace srv6-decap-history

clear forwarding trace srv6-decap-history [module <module>]

Syntax Description

clear	Reset functions
forwarding	forwarding
trace	internal trace
srv6-decap-history	SRV6 decap adjacency history
module	(Optional) slot
module	(Optional) slot number

Command Mode

- /exec

clear forwarding trace srv6-encap-history

clear forwarding trace srv6-encap-history [module <module>]

Syntax Description

clear	Reset functions
forwarding	forwarding
trace	internal trace
srv6-encap-history	SRV6 encap adjacency history
module	(Optional) slot
module	(Optional) slot number

Command Mode

- /exec

clear forwarding trace srv6-local-sid-history

clear forwarding trace srv6-local-sid-history [module <module>]

Syntax Description

clear	Reset functions
forwarding	forwarding
trace	internal trace
srv6-local-sid-history	SRV6 local-sid history
module	(Optional) slot
module	(Optional) slot number

Command Mode

- /exec

clear forwarding trace srv6-peer-history

clear forwarding trace srv6-peer-history [module <module>]

Syntax Description

clear	Reset functions
forwarding	forwarding
trace	internal trace
srv6-peer-history	SRV6 peer history
module	(Optional) slot
module	(Optional) slot number

Command Mode

- /exec

clear forwarding trace v4-adj-history

clear forwarding trace v4-adj-history [module <module>]

Syntax Description

clear	Reset functions
forwarding	forwarding
trace	internal trace
v4-adj-history	V4 adjacency history
module	(Optional) slot
module	(Optional) slot number

Command Mode

- /exec

clear forwarding trace v4-pfx-history

clear forwarding trace v4-pfx-history [module <module>]

Syntax Description

clear	Reset functions
forwarding	forwarding
trace	internal trace
v4-pfx-history	V4 prefix history
module	(Optional) slot
module	(Optional) slot number

Command Mode

- /exec

clear forwarding trace v4-rnh-history

clear forwarding trace v4-rnh-history [module <module>]

Syntax Description

clear	Reset functions
forwarding	forwarding
trace	internal trace
v4-rnh-history	V4 rnh history
module	(Optional) slot
module	(Optional) slot number

Command Mode

- /exec

clear forwarding trace v6-adj-history

clear forwarding trace v6-adj-history [module <module>]

Syntax Description

clear	Reset functions
forwarding	forwarding
trace	internal trace
v6-adj-history	V6 adjacency history
module	(Optional) slot
module	(Optional) slot number

Command Mode

- /exec

clear forwarding trace v6-pfx-history

clear forwarding trace v6-pfx-history [module <module>]

Syntax Description

clear	Reset functions
forwarding	forwarding
trace	internal trace
v6-pfx-history	V6 prefix history
module	(Optional) slot
module	(Optional) slot number

Command Mode

- /exec

clear forwarding trace v6-rnh-history

clear forwarding trace v6-rnh-history [module <module>]

Syntax Description

clear	Reset functions
forwarding	forwarding
trace	internal trace
v6-rnh-history	V6 rnh history
module	(Optional) slot
module	(Optional) slot number

Command Mode

- /exec

clear forwarding trace vobj-history

clear forwarding trace vobj-history [module <module>]

Syntax Description

clear	Reset functions
forwarding	forwarding
trace	internal trace
vobj-history	vobj history
module	(Optional) slot
module	(Optional) slot number

Command Mode

- /exec

clear frame traffic

clear frame traffic

Syntax Description

clear	Reset functions
frame	Clear layer-2 frame statistics to/from the Route Processor
traffic	Clear layer-2 frame statistics to/from the Route Processor

Command Mode

- /exec

clear fs-daemon log

clear fs-daemon log

Syntax Description

clear	Reset functions
fs-daemon	Clear the fs daemon log
log	Clear the fs daemon log

Command Mode

- /exec

clear fspf counters vsan

clear fspf counters vsan <i0>

Syntax Description

clear	Reset functions
counters	Clear FSPF counters
vsan	Enter VSAN
i0	VSAN id

Command Mode

- /exec

clear fspf counters vsan interface

clear fspf counters vsan <i0> interface <if0>

Syntax Description

clear	Reset functions
counters	Clear FSPF counters
vsan	Enter VSAN
i0	VSAN id
interface	Clear FSPF counters of specific interface
if0	Clear FSPF counters of specific interface

Command Mode

- /exec

clear hardware flow ip

clear hardware flow ip [{ { monitor <mname> } | { profile <prof_id> } | { vlan <vlan_id> } | { interface <interface> } }] [instance <inst>] [force-export] [module <num>]

Syntax Description

clear	Reset functions
hardware	Show hardware information
flow	Netflow Module
ip	Internet Protocol Version 4
monitor	(Optional) Netflow Flow Monitor
mname	(Optional) Netflow Flow Monitor Name
profile	(Optional) Flow Profile
prof_id	(Optional) Netflow Profile ID
vlan	(Optional) Vlan commands
vlan_id	(Optional) VLAN ID 1-4094
interface	(Optional) Interface
interface	(Optional) Interface Name
instance	(Optional) Instance
inst	(Optional) Earl Instance
force-export	(Optional) Force to export data to collector
module	(Optional) Line card module
num	(Optional) slot number

Command Mode

- /exec

clear hardware flow ipv6

clear hardware flow ipv6 [{ { monitor <mname> } | { profile <prof_id> } | { vlan <vlan_id> } | { interface <interface> } }] [instance <inst>] [force-export] [module <num>]

Syntax Description

clear	Reset functions
hardware	Show hardware information
flow	Netflow Module
ipv6	Internet Protocol Version 6
monitor	(Optional) Netflow Flow Monitor
mname	(Optional) Netflow Flow Monitor Name
profile	(Optional) Flow Profile
prof_id	(Optional) Netflow Profile ID
vlan	(Optional) Vlan commands
vlan_id	(Optional) VLAN ID 1-4094
interface	(Optional) Interface
interface	(Optional) Interface Name
instance	(Optional) Instance
inst	(Optional) Earl Instance
force-export	(Optional) Force to export data to collector
module	(Optional) Line card module
num	(Optional) slot number

Command Mode

- /exec

clear hardware flow l2

clear hardware flow l2 [{ { monitor <mname> } | { profile <prof_id> } | { vlan <vlan_id> } }] [instance <inst>] [force-export] [module <num>]

Syntax Description

clear	Reset functions
hardware	Show hardware information
flow	Netflow Module
l2	Layer 2 Protocol
monitor	(Optional) Netflow Flow Monitor
mname	(Optional) Netflow Flow Monitor Name
profile	(Optional) Flow Profile
prof_id	(Optional) Netflow Profile ID
vlan	(Optional) Vlan commands
vlan_id	(Optional) VLAN ID 1-4094
instance	(Optional) Instance
inst	(Optional) Earl Instance
force-export	(Optional) Force to export data to collector
module	(Optional) Line card module
num	(Optional) slot number

Command Mode

- /exec

clear hardware flow mpls

clear hardware flow mpls [{ { monitor <mname> } | { profile <prof_id> } | { vlan <vlan_id> } | { interface <interface> } }] [instance <inst>] [force-export] [module <num>]

Syntax Description

clear	Reset functions
hardware	Show hardware information
flow	Netflow Module
mpls	MPLS Protocol
monitor	(Optional) Netflow Flow Monitor
mname	(Optional) Netflow Flow Monitor Name
profile	(Optional) Flow Profile
prof_id	(Optional) Netflow Profile ID
vlan	(Optional) Vlan commands
vlan_id	(Optional) VLAN ID 1-4094
interface	(Optional) Interface
interface	(Optional) Interface Name
instance	(Optional) Instance
inst	(Optional) Earl Instance
force-export	(Optional) Force to export data to collector
module	(Optional) Line card module
num	(Optional) slot number

Command Mode

- /exec

clear hardware ip verify

clear hardware [forwarding] ip verify { all | address { source { broadcast | multicast } | class-e | destination { zero } | identical | reserved } | checksum | protocol | fragment | length { minimum | consistent | maximum { max-frag | udp | max-tcp } } | tcp { tiny-frag } | version } [module <module>]

Syntax Description

clear	Reset functions
hardware	Show hardware information
forwarding	(Optional) Show hardware information for forwarding path
ip	IPv4 and IPv6 protocols
verify	IP packet validation checks in hardware
class-e	Class E IDS check
all	All IP packet validation checks
address	IPv4 and IPv6 Source and destination address validation
source	Check source address
broadcast	Source address is 255.255.255.255
multicast	Source address is 224.x.x.x
destination	Check destination address
zero	Destination address is 0.0.0.0
identical	Same IP SA and DA
reserved	Source address is 127.x.x.x
checksum	Verify IPv4 and IPv6 packet checksum
protocol	Verify IP procotol
fragment	Check IPv4 and IPv6 fragment with non-zero offset and DF bit active
length	Validate IPv4 packet header and payload length
minimum	Minimum IPv4 header length
consistent	Actual frame size is equal to or more than IPv4 length plus ethernet header
maximum	Check max fragment offset and payload length
max-frag	Fragment offset field value

udp	Maximum UDP length has to be less than IPv4 payload length
max-tcp	Maximum TCP length has to be less than IPv4 payload length
tcp	Validate TCP packet header
tiny-frag	Check TCP tiny fragment
version	Must be 4 for an ethertype of IPv4 (0x0800)
module	(Optional) Specify a module number
module	(Optional) Specify a module number

Command Mode

- /exec

clear hardware profile buffer monitor

clear hardware profile buffer monitor

Syntax Description

clear	Reset functions
hardware	Clear hardware profile buffer monitor data
profile	profile buffer monitor data
buffer	buffer
monitor	buffer monitor

Command Mode

- /exec

clear hardware profile latency monitor

clear hardware profile latency monitor [interface <intf-num>]

Syntax Description

clear	Reset functions
hardware	Clear hardware profile latency monitor data
profile	profile latency monitor data
latency	latency
monitor	latency monitor
interface	(Optional) clear per-interface latency monitor data
intf-num	(Optional) clear per-interface latency monitor data

Command Mode

- /exec

clear hardware profile packet-drop file_instance

clear hardware profile packet-drop file_instance

Syntax Description

clear	Reset functions
hardware	Change hardware usage settings
profile	Profile settings
packet-drop	Packet Drop parameters
file_instance	TCB File instances

Command Mode

- /exec

clear hardware rate-limiter

clear hardware rate-limiter { all | layer-3 { <l3-opts> | multicast <mcast-opts> } | layer-2 <l2-opts> | <opts> | f1 <f1-opts> | span-egress | urpf-fail } [module <module>]

Syntax Description

clear	Reset functions
hardware	Show hardware information
rate-limiter	Clear Rate-Limiter statistics
all	Clear all Rate-Limiter statistics
layer-3	Layer-3 control and Routed packets
l3-opts	
multicast	Multicast data packets
mcast-opts	
layer-2	Layer-2 control and Bridged packets
l2-opts	
opts	
f1	Control packets from F1 modules to supervisor
f1-opts	
span-egress	SPAN/ERSPAN egress packets
urpf-fail	URPF fail packets
module	(Optional) Specify a module number
module	(Optional) Specify a module number

Command Mode

- /exec

clear hardware rate-limiter

clear hardware rate-limiter { all | layer-3 { <l3-opts> | multicast <mcast-opts> } | layer-2 <l2-opts> | <opts> | f1 <f1-opts> | span-egress | urpf-fail } [module <module>]

Syntax Description

clear	Reset functions
hardware	Show hardware information
rate-limiter	Clear Rate-Limiter statistics
all	Clear all Rate-Limiter statistics
layer-3	Layer-3 control and Routed packets
l3-opts	
multicast	Multicast data packets
mcast-opts	
layer-2	Layer-2 control and Bridged packets
l2-opts	
opts	
f1	Control packets from F1 modules to supervisor
f1-opts	
span-egress	SPAN/ERSPAN egress packets
urpf-fail	URPF fail packets
module	(Optional) Specify a module number
module	(Optional) Specify a module number

Command Mode

- /exec

clear hsrp counters clear hsrp state-history

clear hsrp counters [<value>] | clear hsrp state-history [interface <interface-id>] [group <group-id>]

Syntax Description

clear	Reset functions
hsrp	HSRP commands
counters	Internal counters
value	THIS KEYWORD OR VARIABLE IS NOT SUPPORTED
state-history	Clear Groups' state history
interface	(Optional) Groups on this interface
interface-id	(Optional) Interface
group	(Optional) Group number
group-id	(Optional) Group Number

Command Mode

- /exec

clear icam database

clear icam database

Syntax Description

clear	Reset functions
icam	icam
database	Clear all tables from icam database

Command Mode

- /exec

clear install all failed-standby

clear install all failed-standby

Syntax Description

clear	Reset functions
install	Clear the installer log
all	Clear the install all log
failed-standby	Clear the failed-standby log

Command Mode

- /exec

clear install failure-reason

clear install failure-reason

Syntax Description

clear	Reset functions
install	Clear the installer log
failure-reason	Clear the install failure-reason log

Command Mode

- /exec

clear install log-history all

clear install log-history { all | oldest <i0> }

Syntax Description

clear	Reset functions
install	Install related show commands
log-history	Patch installer historical logs
all	Delete complete history log
oldest	oldest Delete the oldest <n> install log-history points
i0	Number of log-history points to delete

Command Mode

- /exec

clear install status

clear install status

Syntax Description

clear	Reset functions
install	Clear the installer log
status	Clear the installer status log

Command Mode

- /exec

clear ip adjacency statistics

clear ip adjacency statistics

Syntax Description

clear	Reset functions
ip	Clear IP commands
adjacency	Clear Adjacency
statistics	Clear Adjacency Statistics

Command Mode

- /exec

clear ip amt tunnel

clear ip amt tunnel [<address4> <port>] [vrf { <vrf-name> | <vrf-known-name> }]

Syntax Description

clear	AMT clear commands
amt	AMT show commands
ip	Display IP information
tunnel	Display tunnel information
vrf	(Optional) Display information for VRF
vrf-name	(Optional) VRF name
vrf-known-name	(Optional) Known VRF name
address4	(Optional) IP address of tunnel endpoint
port	(Optional) UDP port number of gateway

Command Mode

- /exec

clear ip arp

clear ip arp [<interface> | <ip-address>] [vrf { <vrf-name> | <vrf-known-name> | all }] [force-delete]

Syntax Description

clear	Reset functions
ip	Clear IP commands
arp	Clear ARP table and statistics
interface	(Optional) ARP interface
ip-address	(Optional) IP address
vrf	(Optional) Display per-VRF information
vrf-name	(Optional) VRF name
vrf-known-name	(Optional) Known VRF name
all	(Optional) Clear ARP entries for all vrfs
force-delete	(Optional) Clear the entries from ARP table without refresh

Command Mode

- /exec

clear ip arp controller-statistics

clear ip arp controller-statistics

Syntax Description

clear	Reset functions
ip	Display IP information
arp	Display ARP table and statistics
controller-statistics	Controller statistics

Command Mode

- /exec

clear ip arp inspection log

clear ip arp inspection log

Syntax Description

clear	Reset functions
ip	Clear ip counters
arp	Clear State of ARP features
inspection	Clear State of ARP Inspection
log	Log Buffer

Command Mode

- /exec

clear ip arp inspection statistics vlan

clear ip arp inspection statistics vlan <vlan-id>

Syntax Description

clear	Reset functions
ip	Clear ip counters
arp	Clear State of ARP features
inspection	Clear State of ARP Inspection
statistics	Statistics
vlan	Vlan range
vlan-id	VLAN ID 1-4094 or range(s): 1-5, 10 or 2-5,7-19

Command Mode

- /exec

clear ip arp l2 statistics interface

clear ip arp l2 statistics interface { <interface> | all }

Syntax Description

clear	Reset functions
ip	Clear IP commands
arp	Clear ARP table and statistics
l2	Clear ARP L2 port level info
statistics	Clear ARP statistics
interface	ARP interface
interface	ARP interface
all	Clear ARP statistics for all interface

Command Mode

- /exec

clear ip arp multihoming-statistics

clear ip arp multihoming-statistics [<interface>] [vrf { <vrf-name> | <vrf-known-name> | all }]

Syntax Description

clear	Reset functions
ip	Clear IP commands
arp	Clear ARP table and statistics
interface	(Optional) ARP interface
multihoming-statistics	Display ARP Multihoming stats
vrf	(Optional) Display per-VRF information
vrf-name	(Optional) VRF name
vrf-known-name	(Optional) Known VRF name
all	(Optional) Clear ARP Multihoming statistics for all vrfs

Command Mode

- /exec

clear ip arp statistics

clear ip arp statistics [<interface>] [vrf { <vrf-name> | <vrf-known-name> | all }]

Syntax Description

clear	Reset functions
ip	Clear IP commands
arp	Clear ARP table and statistics
interface	(Optional) ARP interface
statistics	Clear ARP statistics
vrf	(Optional) Display per-VRF information
vrf-name	(Optional) VRF name
vrf-known-name	(Optional) Known VRF name
all	(Optional) Clear ARP statistics for all vrfs

Command Mode

- /exec

clear ip arp suppression-cache statistics

clear ip arp suppression-cache statistics

Syntax Description

clear	Reset functions
ip	Clear IP commands
arp	Clear ARP table and statistics
suppression-cache	ARP-suppression cache
statistics	clear suppression statistics

Command Mode

- /exec

clear ip arp tunnel-statistics

clear ip arp tunnel-statistics

Syntax Description

clear	Reset functions
ip	Clear IP commands
arp	Display ARP table and statistics
tunnel-statistics	Clear ARP statistics for tunneled packets

Command Mode

- /exec

clear ip arp vpc-statistics

clear ip arp vpc-statistics

Syntax Description

clear	Reset functions
ip	Clear IP commands
arp	Display ARP table and statistics
vpc-statistics	Clear ARP vPC statistics

Command Mode

- /exec

clear ip dhcp global statistics

clear ip dhcp global statistics

Syntax Description

clear	Reset functions
ip	Clear ip counters
dhcp	Clear State of DHCP features
global	Clear State of DHCP global stats
statistics	DHCP snooping statistics

Command Mode

- /exec

clear ip dhcp relay statistics

clear ip dhcp relay statistics [interface <intf> | { interface <intf> serverip <ip-addr-val> [use-vrf <vrf-name>] }]

Syntax Description

clear	Reset functions
ip	Clear ip counters
dhcp	Clear State of DHCP features
relay	Clear State of DHCP relay stats
statistics	DHCP Relay statistics
interface	(Optional) input interface
intf	(Optional) interface
serverip	(Optional) Helper address
ip-addr-val	(Optional) IP address
use-vrf	(Optional) helper address VRF membership
vrf-name	(Optional) VRF name

Command Mode

- /exec

clear ip dhcp snooping binding

clear ip dhcp snooping binding [{ vlan <vlan-id> mac <mac-addr> ip <ip-addr> interface <interface-id> } |

Syntax Description

clear	Reset functions
ip	Clear ip counters
dhcp	Clear State of DHCP features
snooping	Clear State of DHCP Snooping
binding	DHCP snooping bindings
vlan	(Optional) VLAN
vlan-id	(Optional) VLAN id
mac	(Optional) MAC address
mac-addr	(Optional) MAC address
ip	(Optional) IP address
ip-addr	(Optional) IP address
interface	(Optional) interface
interface-id	(Optional) interface

Command Mode

- /exec

clear ip dhcp snooping statistics

clear ip dhcp snooping statistics [{ vlan <vlan-id> interface <intf> } |

Syntax Description

clear	Reset functions
ip	Clear ip counters
dhcp	Clear State of DHCP features
snooping	Clear State of DHCP snooping stats
statistics	DHCP snooping statistics
vlan	(Optional) VLAN
vlan-id	(Optional) VLAN id
interface	(Optional) input interface
intf	(Optional) interface

Command Mode

- /exec

clear ip eigrp accounting

clear { ip | ipv6 } eigrp [<eigrp-ptag>] accounting [vrf { <vrf-name> | <vrf-known-name> | all }]

Syntax Description

clear	Reset functions
ip	Clear IP commands
ipv6	Clear IPv6 commands
eigrp	EIGRP clear commands
vrf	(Optional) Display per-VRF information
vrf-name	(Optional) VRF name
vrf-known-name	(Optional) Known VRF name
all	(Optional) Display information for all VRFs
eigrp-ptag	(Optional) Process tag
accounting	Clear IP-EIGRP accounting statistics

Command Mode

- /exec

clear ip eigrp redistribution

clear { ip | ipv6 } eigrp [<eigrp-ptag>] redistribution [vrf { <vrf-name> | <vrf-known-name> | all }]

Syntax Description

clear	Reset functions
ip	Clear IP commands
ipv6	Clear IPv6 commands
eigrp	EIGRP clear commands
eigrp-ptag	(Optional) Process tag
vrf	(Optional) Display per-VRF information
vrf-name	(Optional) VRF name
vrf-known-name	(Optional) Known VRF name
all	(Optional) Display information for all VRFs
redistribution	Clear EIGRP redistributed information

Command Mode

- /exec

clear ip eigrp traffic

clear { ip | ipv6 } eigrp [<eigrp-ptag>] traffic [vrf { <vrf-name> | <vrf-known-name> | all }]

Syntax Description

clear	Reset functions
ip	Clear IP commands
ipv6	Clear IPv6 commands
eigrp	EIGRP clear commands
vrf	(Optional) Display per-VRF information
vrf-name	(Optional) VRF name
vrf-known-name	(Optional) Known VRF name
all	(Optional) Display information for all VRFs
eigrp-ptag	(Optional) Process tag
traffic	Clear IP-EIGRP traffic statistics

Command Mode

- /exec

clear ip igmp groups

clear ip igmp { groups | route } { <all> | <group-prefix> | <group> [<source>] } [vrf { <vrf-name> | <vrf-known-name> | all }]

Syntax Description

clear	Reset functions
ip	Clear IP commands
igmp	Clear IGMP related information
groups	Route information
route	Route information
all	Clear all routes
group-prefix	Clear all routes within the Group prefix
group	Clear all routes matching the Group
source	(Optional) Clear a (S,G) route
vrf	(Optional) Clear information for particular VRF
vrf-name	(Optional) VRF name
vrf-known-name	(Optional) Known VRF name
all	(Optional) Display information for all VRFs

Command Mode

- /exec

clear ip igmp interface statistics

clear ip igmp interface statistics [vrf { <vrf-name> | <vrf-known-name> | all } | <interface>]

Syntax Description

clear	Reset functions
ip	Clear IP commands
igmp	Clear IGMP statistics information
interface	Interface related information
statistics	Packet/internal counter statistics
interface	(Optional) Specific interface only
vrf	(Optional) Clear information for particular VRF
vrf-name	(Optional) VRF name
vrf-known-name	(Optional) Known VRF name
all	(Optional) Display information for all VRFs

Command Mode

- /exec

clear ip igmp snooping explicit-tracking

clear ip igmp snooping explicit-tracking { vlan { <vlan> | all } | bridge-domain { <bdid> | all } }

Syntax Description

clear	Reset functions
ip	Clear IP commands
igmp	Clear IGMP Snooping
snooping	Clear IGMP Snooping
explicit-tracking	Clear Explicit Host tracking information
vlan	Clear explicit tracking information for VLAN
vlan	Specify VLAN
bridge-domain	Clear explicit tracking information for BD
bdid	Specify BD
all	Clear for all vlans/BD

Command Mode

- /exec

clear ip igmp snooping groups

clear ip igmp snooping groups { <all> | { <group-prefix> | <group> } [<source>] } [interface <if-name>] { vlan { <vlan> | all } | bridge-domain { <bdid> | all } }

Syntax Description

clear	Reset functions
ip	Clear IP commands
igmp	Clear IGMP Snooping
snooping	Clear IGMP Snooping
groups	Clear snooped groups
all	Clear all groups
group-prefix	Group prefix to clear
group	Group address to clear
source	(Optional) Source address to clear
interface	(Optional) Specify interface to clear group state
if-name	(Optional) Interface name to clear
vlan	Clear information for VLAN
vlan	Specify the VLAN number
bridge-domain	Clear information for BD
bdid	Specify the BD number
all	Clear for all VLAN/BDs

Command Mode

- /exec

clear ip igmp snooping mac-oifs

clear ip igmp snooping mac-oifs { <mac-address> | <all> } { [interface <if-name>] { vlan { <vlan> | all } | bridge-domain { <bdid> | all } } }

Syntax Description

clear	Reset functions
ip	Clear IP commands
igmp	Clear IGMP Snooping
snooping	Clear IGMP Snooping
mac-oifs	Clear IGMP snooping macoifs
mac-address	Clear a specific non IP multicast Macs
all	Clear all non IP multicast Macs
interface	(Optional) Specify interface to clear group state
if-name	(Optional) Interface name to clear
vlan	Clear information for VLAN
vlan	Specify the VLAN number
bridge-domain	Clear information for BD
bdid	Specify the BD number
all	Clear for all VLAN/BDs

Command Mode

- /exec

clear ip igmp snooping proxy querier ports vlan

clear ip igmp snooping proxy querier ports { vlan <vlan> | bridge-domain <bdid> } <if-name> [purge]

Syntax Description

clear	Reset functions
ip	Clear IP commands
igmp	Clear IGMP Snooping
snooping	Clear IGMP Snooping
proxy	Clear IGMP snooping proxy
querier	Clear IGMP snooping proxy querier
ports	Clear IGMP snooping proxy querier ports
vlan	Clear for a specific vlan
vlan	Specify the VLAN number
bridge-domain	Clear for a specific BD
bdid	Specify the BD number
if-name	Interface name to clear
purge	THIS KEYWORD OR VARIABLE IS NOT SUPPORTED

Command Mode

- /exec

clear ip igmp snooping report statistics

clear ip igmp snooping { report-policy | access-group } statistics [vlan <vlan>]

Syntax Description

clear	Reset functions
ip	Clear IP commands
igmp	Clear IGMP Snooping
snooping	Clear IGMP Snooping
report-policy	IGMP Report Policy
access-group	IGMP access-group
statistics	Policy statistics
vlan	(Optional) Clear VLAN IGMP snooping policy statistics information
vlan	(Optional) Specify VLAN

Command Mode

- /exec

clear ip igmp snooping statistics

clear ip igmp snooping statistics { vlan <vlan> | bridge-domain <bdid> | all }

Syntax Description

clear	Reset functions
ip	Clear IP commands
igmp	Clear IGMP Snooping
snooping	Clear IGMP Snooping
statistics	Packet/internal counter statistics
vlan	Clear VLAN statistics
vlan	Specify VLAN
bridge-domain	Clear BD statistics
bdid	Specify BD
all	All VLAN/BDs

Command Mode

- /exec

clear ip interface statistics

clear ip interface statistics [<interface>]

Syntax Description

clear	Reset functions
ip	Clear IP commands
interface	Clear IP related interface information
statistics	Clear IP interface statistics
interface	(Optional) Clear IP statistics for interface

Command Mode

- /exec

clear ip lisp data-cache

clear ip lisp data-cache [<eid>] [vrf { <vrf-name> | <vrf-known-name> }]

Syntax Description

clear	Reset functions
ip	Clear IP commands
lisp	LISP clear commands
data-cache	Clear EID-to-RLOC data cache mapping in this ITR
eid	(Optional) Clear mapping for IP destination EID
vrf	(Optional) Display per-VRF information
vrf-name	(Optional) VRF name
vrf-known-name	(Optional) Known VRF name

Command Mode

- /exec

clear ip lisp map-cache

{ { clear ip lisp map-cache [<eid-prefix>] [vrf { <vrf-name> | <vrf-known-name> }] } | { clear ipv6 lisp map-cache [<eid-prefix6>] [vrf { <vrf-name> | <vrf-known-name> }] } }

Syntax Description

clear	Reset functions
ip	Clear IP commands
ipv6	Clear IPv6 commands
lisp	LISP clear commands
map-cache	Clear an EID-to-RLOC cache mapping in this ITR
vrf	(Optional) Clear entry for particular vrf
vrf-name	(Optional) VRF name
vrf-known-name	(Optional) Known VRF name
eid-prefix	(Optional) Clear entry associated with IP EID-prefix

Command Mode

- /exec

clear ip lisp statistics

clear ip lisp statistics [vrf { <vrf-name> | <vrf-known-name> }]

Syntax Description

clear	Reset functions
ip	Clear IP commands
lisp	LISP clear commands
statistics	Clear global LISP statistics
vrf	(Optional) Clear statistics for vrf
vrf-name	(Optional) VRF name
vrf-known-name	(Optional) Known VRF name

Command Mode

- /exec

clear ip mbgp dampening

{ { clear ip mbgp [vrf { <vrf-name> | <vrf-known-name> | ALL_VRFS_012345678901234 }] dampening [<ip-prefix> | <ip-addr> [<ip-mask>]] } | { clear ip bgp [vrf { <vrf-name> | <vrf-known-name> | ALL_VRFS_012345678901234 }] dampening [<ip-prefix> | <ip-addr> [<ip-mask>]] } | { clear ip bgp [vrf { <vrf-name> | <vrf-known-name> | ALL_VRFS_012345678901234 }] ipv4 { unicast | multicast } dampening [<ip-prefix> | <ip-addr> [<ip-mask>]] } | { clear ip bgp [vrf { <vrf-name> | <vrf-known-name> | ALL_VRFS_012345678901234 }] all dampening } | { clear bgp [vrf { <vrf-name> | <vrf-known-name> | ALL_VRFS_012345678901234 }] { ipv4 { unicast | multicast } | vpnv4 unicast } dampening [<ip-prefix> | <ip-addr> [<ip-mask>]] } | { clear bgp [vrf { <vrf-name> | <vrf-known-name> | ALL_VRFS_012345678901234 }] { ipv6 { unicast | multicast } | vpnv6 unicast } dampening [<ipv6-prefix>] } | { clear bgp [vrf { <vrf-name> | <vrf-known-name> | ALL_VRFS_012345678901234 }] all dampening } } [vrf { <vrf-name> | <vrf-known-name> | ALL_VRFS_012345678901234 }]

Syntax Description

clear	Reset functions
ip	Clear IP commands
vrf	(Optional) Virtual Router Context
vrf-name	(Optional) VRF name
vrf-known-name	(Optional) Known VRF name
bgp	Clear BGP sessions
mbgp	Clear MBGP sessions
dampening	Clear route flap dampening information
ip-prefix	(Optional) Clear route flap dampening for prefix
ip-addr	(Optional) Clear route flap dampening for one network
ip-mask	(Optional) Network mask
ipv4	Clear IPv4 address-family
ipv6	Clear IPv6 address-family
vpnv4	Clear VPNv4 address-family
vpnv6	Clear VPNv6 address-family
unicast	Clear unicast address-family
multicast	Clear multicast address-family
all	Clear all address-families

Command Mode

- /exec

clear ip mbgp flap-statistics

{ { clear ip mbgp [vrf { <vrf-name> | <vrf-known-name> | ALL_VRFS_012345678901234 }] flap-statistics [<ip-prefix> | <ip-addr> [<ip-mask>]] } | { clear ip bgp [vrf { <vrf-name> | <vrf-known-name> | ALL_VRFS_012345678901234 }] flap-statistics [<ip-prefix> | <ip-addr> [<ip-mask>]] } | { clear ip bgp [vrf { <vrf-name> | <vrf-known-name> | ALL_VRFS_012345678901234 }] ipv4 { unicast | multicast } flap-statistics [<ip-prefix> | <ip-addr> [<ip-mask>]] } | { clear ip bgp [vrf { <vrf-name> | <vrf-known-name> | ALL_VRFS_012345678901234 }] all flap-statistics } | { clear bgp [vrf { <vrf-name> | <vrf-known-name> | ALL_VRFS_012345678901234 }] { ipv4 { unicast | multicast } | vpnv4 unicast } flap-statistics [<ip-prefix> | <ip-addr> [<ip-mask>] | regexp <regexp-str>] } | { clear bgp [vrf { <vrf-name> | <vrf-known-name> | ALL_VRFS_012345678901234 }] { ipv6 { unicast | multicast } | vpnv6 unicast } flap-statistics [<ipv6-prefix> | regexp <regexp-str>] } | { clear bgp [vrf { <vrf-name> | <vrf-known-name> | ALL_VRFS_012345678901234 }] all flap-statistics } } [vrf { <vrf-name> | <vrf-known-name> | ALL_VRFS_012345678901234 }]

Syntax Description

clear	Reset functions
vrf	(Optional) Virtual Router Context
vrf-name	(Optional) VRF name
vrf-known-name	(Optional) Known VRF name
ip	Clear IP commands
bgp	Clear BGP sessions
mbgp	Clear MBGP sessions
flap-statistics	Clear flap statistics
ip-prefix	(Optional) Clear flap statistics for one prefix
ip-addr	(Optional) Clear flap statistics for one network
ip-mask	(Optional) Network mask
ipv4	Clear IPv4 address-family
ipv6	Clear IPv6 address-family
vpnv4	Clear VPNv4 address-family
vpnv6	Clear VPNv6 address-family
unicast	Clear unicast address-family
multicast	Clear multicast address-family
all	Clear all address-families
regexp	(Optional) Clear flap statistics for routes matching the regular expression

regexp-str	(Optional) Regular expression to match the AS paths

Command Mode

- /exec

clear ip mbgp peer-template

{ { clear ip mbgp [vrf { <vrf-name> | <vrf-known-name> | ALL_VRFS_012345678901234 }] { <neighbor-id> | * | <asn> | <prefix-id> peer-template <peer-template-name> } [soft [in | out] | dampened-paths | flap-statistics | no-notify] } | { clear ip bgp [vrf { <vrf-name> | <vrf-known-name> | ALL_VRFS_012345678901234 }] { <neighbor-id> | * | <asn> | <prefix-id> | <neighbor-interface> | peer-template <peer-template-name> } [soft [in | out] | dampened-paths | flap-statistics | no-notify | { ipv4 { unicast | multicast } | { vpnv4 | vpnv6 } unicast | all } { soft [in | out] | dampened-paths | flap-statistics | no-notify }] } | { clear bgp [vrf { <vrf-name> | <vrf-known-name> | ALL_VRFS_012345678901234 }] { ipv4 { unicast | multicast | mvpn | labeled-unicast } | ipv6 { unicast | multicast | mvpn | labeled-unicast } | { vpnv4 | vpnv6 } unicast | l2vpn vpls | l2vpn evpn | link-state | all } { <neighbor-id> | <ipv6-neighbor-id> | * | <asn> | peer-template <peer-template-name> | <neighbor-interface> | <prefix-id> | <ipv6-prefix-id> } [soft [in | out] | dampened-paths | flap-statistics | no-notify] } } [vrf { <vrf-name> | <vrf-known-name> | ALL_VRFS_012345678901234 }]

Syntax Description

clear	Reset functions
ip	Clear IP commands
vrf	(Optional) Virtual Router Context
vrf-name	(Optional) VRF name
vrf-known-name	(Optional) Known VRF name
bgp	Clear BGP sessions
mbgp	Clear MBGP sessions
neighbor-id	IP address of the neighbor to clear
prefix-id	Clear all neighbors matching the prefix
neighbor-interface	Clear interface peering neighbor
*	Clear all neighbors (Should be a * character)
asn	Clear all neighbors in an AS
peer-template	Clear all neighbors in a peer-template
peer-template-name	Peer-template name
soft	(Optional) Soft reconfiguration
in	(Optional) Clear soft reconfiguration inbound
out	(Optional) Clear soft reconfiguration outbound
ipv4	(Optional) Clear IPv4 address-family
ipv6	Clear IPv6 address-family

vpnv4	(Optional) Clear VPNv4 address-family
vpnv6	(Optional) Clear VPNv6 address-family
unicast	(Optional) Clear unicast address-family
multicast	(Optional) Clear multicast address-family
link-state	Clear link-state address-family
l2vpn	Display BGP information for L2VPN address family
vpls	Display BGP information for L2VPN VPLS address family
mvpn	Display BGP information for MVPN address family
evpn	Display BGP information for L2VPN EVPN address family
labeled-unicast	Display BGP information for labeled-unicast address family
all	(Optional) Clear all address-families
dampened-paths	(Optional) Clear dampened paths for neighbor
flap-statistics	(Optional) Clear flap statistics for neighbor
no-notify	(Optional) Clear without sending notification

Command Mode

- /exec

clear ip mroute

clear ip mroute [repopulate] { { <all> [shared-tree | source-tree] } | { <group-prefix> [shared-tree | source-tree] } | { <group> [<source> | shared-tree | source-tree] } | { sr [ingress | egress] } } [vrf { <vrf-name> | <vrf-known-name> | all }]

Syntax Description

clear	Reset functions
ip	Clear IP commands
mroute	Clear multicast routing table
repopulate	THIS KEYWORD OR VARIABLE IS NOT SUPPORTED
all	Clear all routes
group-prefix	Clear all routes within the Group prefix
group	Clear all routes matching the Group
source	(Optional) Clear a (S,G) route
shared-tree	(Optional) Clear the (*,G) route associated with the group
source-tree	(Optional) Clear all (S,G) routes associated with the group
sr	Clear service-reflect routes
ingress	(Optional) Clear ingress routes
egress	(Optional) Clear egress routes
vrf	(Optional) Clear information for particular VRF
vrf-name	(Optional) VRF name
vrf-known-name	(Optional) Known VRF name
all	(Optional) Display information for all VRFs

Command Mode

- /exec

clear ip mroute statistics

clear ip mroute statistics { <all> | <group-prefix> | <group> [<source>] } [vrf { <vrf-name> | <vrf-known-name> | all }]

Syntax Description

clear	Reset functions
ip	Clear IP commands
mroute	Clear multicast routing table
statistics	Clear statistics of multicast route
all	Clear all routes
group-prefix	Clear all routes within the Group prefix
group	Clear all routes matching the Group
source	(Optional) Clear a (S,G) route
vrf	(Optional) Clear information for particular VRF
vrf-name	(Optional) VRF name
vrf-known-name	(Optional) Known VRF name
all	(Optional) Display information for all VRFs

Command Mode

- /exec

clear ip msdp peer

clear ip msdp peer <peer-address> [vrf { <vrf-name> | <vrf-known-name> }]

Syntax Description

clear	Reset functions
ip	Clear IP commands
msdp	MSDP clear commands
peer	Clear MSDP peer connection
peer-address	IP address of MSDP peer
vrf	(Optional) Clear information for particular VRF
vrf-name	(Optional) VRF name
vrf-known-name	(Optional) Known VRF name

Command Mode

- /exec

clear ip msdp policy statistics sa-policy in

clear ip msdp policy statistics sa-policy <peer-address> { in | out } [vrf { <vrf-name> | <vrf-known-name> }]

Syntax Description

clear	Reset functions
ip	Clear IP commands
msdp	MSDP global configuration commands
policy	Policy information
statistics	Policy statistics
sa-policy	Configureed SA policy for MSDP peer
peer-address	IP address of MSDP peer for SA policy
in	Input policy
out	Output policy
vrf	(Optional) Clear information for particular VRF
vrf-name	(Optional) VRF name
vrf-known-name	(Optional) Known VRF name

Command Mode

- /exec

clear ip msdp sa

clear ip msdp { sa-cache | route } { <all> | <group-prefix> | <group> [<source>] } [vrf { <vrf-name> | <vrf-known-name> | all }]

Syntax Description

clear	Reset functions
ip	Clear IP commands
msdp	MSDP clear commands
sa-cache	Clear contents of SA cache
route	Clear contents of SA cache
all	Clear all routes
group-prefix	Clear all routes within the Group prefix
group	Clear all routes matching the Group
source	(Optional) Clear a (S,G) route
vrf	(Optional) Clear information for particular VRF
vrf-name	(Optional) VRF name
vrf-known-name	(Optional) Known VRF name
all	(Optional) Display information for all VRFs

Command Mode

- /exec

clear ip msdp statistics

clear ip msdp statistics [<peer-address>] [vrf { <vrf-name> | <vrf-known-name> }]

Syntax Description

clear	Reset functions
ip	Clear IP commands
msdp	MSDP clear commands
statistics	Clear statistics for peers
peer-address	(Optional) IP address of MSDP peer
vrf	(Optional) Clear information for particular VRF
vrf-name	(Optional) VRF name
vrf-known-name	(Optional) Known VRF name

Command Mode

- /exec

clear ip nat-alias address

clear ip nat-alias { address <ipaddress> | all }

Syntax Description

clear	Reset functions
ip	Clear ip counters
nat-alias	Clear NAT alias
address	alias address
ipaddress	NAT alias ip address
all	Delete all NAT alias address

Command Mode

- /exec

clear ip nat statistics

clear ip nat statistics

Syntax Description

clear	Reset functions
ip	Clear ip counters
nat	IP NAT information
statistics	Translation statistics

Command Mode

- /exec

clear ip nat translation

clear ip nat translation { entry-id <xlation_id> | all | [vrf <vrf-name>] | { inside <insideGlobalIP> <insideLocalIP> [outside <outsideLocalIP> <outsideGlobalIP>] | outside <outsideLocalIP> <outsideGlobalIP> | tcp { inside <insideGlobalIP> <insideGlobal-port> <insideLocalIP> <insideLocal-port> outside <outsideLocalIP> <outsideLocal-port> <outsideGlobalIP> <outsideGlobal-port> } | udp { inside <insideGlobalIP> <insideGlobal-port> <insideLocalIP> <insideLocal-port> outside <outsideLocalIP> <outsideLocal-port> <outsideGlobalIP> <outsideGlobal-port> } | icmp { inside <insideGlobalIP> <insideGlobal-port> <insideLocalIP> <insideLocal-port> outside <outsideLocalIP> <outsideLocal-port> <outsideGlobalIP> <outsideGlobal-port> } } [vrf <vrf-name>] }

Syntax Description

clear	Reset functions
ip	Clear ip counters
nat	Clear NAT
translation	Clear dynamic translation
entry-id	Dynamic xlation id
xlation_id	Dynamic xlation id
all	Delete all dynamic translations
inside	Inside addresses
insideGlobalIP	Inside global IP address
insideLocalIP	Inside local IP address
outside	(Optional) Outside addresses
outsideLocalIP	(Optional) Outside local IP address
outsideGlobalIP	(Optional) Outside global IP address
tcp	Transmission Control Protocol
udp	User Datagram Protocol
icmp	Internet Control Message Protocol
insideGlobal-port	Inside global TCP/UDP/ICMP port address
insideLocal-port	Inside local TCP/UDP/ICMP port address
outsideLocal-port	Outside local TCP/UDP port/ICMP address
outsideGlobal-port	Outside global TCP/UDP/ICMP port address
vrf	(Optional) Specify vrf

vrf-name	(Optional) vrf name

Command Mode

- /exec

clear ip ospf neighbor

clear ip ospf [<tag>] neighbor { { { * | <neighborid> } [vrf { <vrf-name> | <vrf-known-name> | all }] } | { <interface> } }

Syntax Description

clear	Reset functions
ip	Clear IP commands
ospf	Clear OSPF tables
tag	(Optional) Process tag
vrf	(Optional) Display per-VRF information
vrf-name	(Optional) VRF name
vrf-known-name	(Optional) Known VRF name
all	(Optional) Display information for all VRFs
neighbor	Clear one or more neighbors
*	Clear all neighbors
neighborid	Source IP address, or router ID of the neighbor
interface	Interface to clear all neighbors on

Command Mode

- /exec

clear ip ospf redistribution

clear ip ospf [<tag>] redistribution [vrf { <vrf-name> | <vrf-known-name> | all }]

Syntax Description

clear	Reset functions
ip	Clear IP commands
ospf	Clear OSPF tables
tag	(Optional) Process tag
vrf	(Optional) Display per-VRF information
vrf-name	(Optional) VRF name
vrf-known-name	(Optional) Known VRF name
all	(Optional) Display information for all VRFs
redistribution	Clear OSPF route redistribution

Command Mode

- /exec

clear ip ospf statistics

clear ip ospf [<tag>] statistics [vrf { <vrf-name> | <vrf-known-name> | all }]

Syntax Description

clear	Reset functions
ip	Clear IP commands
ospf	Clear OSPF tables
tag	(Optional) Process tag
vrf	(Optional) Display per-VRF information
vrf-name	(Optional) VRF name
vrf-known-name	(Optional) Known VRF name
all	(Optional) Display information for all VRFs
statistics	Clear event counters

Command Mode

- /exec

clear ip ospf traffic

clear ip ospf [<tag>] traffic [<interface>] [vrf { <vrf-name> | <vrf-known-name> | all }]

Syntax Description

clear	Reset functions
ip	Clear IP commands
ospf	Clear OSPF tables
tag	(Optional) Process tag
vrf	(Optional) Display per-VRF information
vrf-name	(Optional) VRF name
vrf-known-name	(Optional) Known VRF name
all	(Optional) Display information for all VRFs
traffic	Clear packet counters
interface	(Optional) Interface to clear all traffic on

Command Mode

- /exec

clear ip pim interface statistics

clear ip pim interface statistics [<interface> | vrf { <vrf-name> | <vrf-known-name> | all }]

Syntax Description

clear	Reset functions
ip	Clear IP commands
pim	Clear PIM information
interface	Interface related information
statistics	Packet interface counter statistics
interface	(Optional) Interface name to clear
vrf	(Optional) Display per-VRF information
vrf-name	(Optional) VRF name
vrf-known-name	(Optional) Known VRF name
all	(Optional) Display information for all VRFs

Command Mode

- /exec

clear ip pim policy statistics

clear ip pim policy statistics { register-policy | allow-rp-policy | bsr { bsr-policy | rp-candidate-policy } | auto-rp { rp-candidate-policy | mapping-agent-policy } } [vrf { <vrf-name> | <vrf-known-name> | all }]

Syntax Description

clear	Reset functions
ip	Clear IP commands
pim	PIM global configuration commands
policy	Policy related information
statistics	Policy statistics
register-policy	Statistics for Register policy
allow-rp-policy	Statistics for Allow RP policy
bsr	Bootstrap protocol RP-distribution policy
bsr-policy	Statistics for BSR messages
rp-candidate-policy	Statistics for RP candidate messages
auto-rp	Statistics for auto-rp messages
rp-candidate-policy	Statistics for RP candidate messages
mapping-agent-policy	Statistics for mapping agent messages
vrf	(Optional) Display per-VRF information
vrf-name	(Optional) VRF name
vrf-known-name	(Optional) Known VRF name
all	(Optional) Display information for all VRFs

Command Mode

- /exec

clear ip pim policy statistics jp

clear ip pim policy statistics { jp-policy | neighbor-policy } <interface>

Syntax Description

clear	Reset functions
ip	Clear IP commands
pim	PIM global configuration commands
policy	Policy related information
statistics	Policy statistics
jp-policy	Statistics for jp-policy
neighbor-policy	Statistics for neighbor-policy
interface	Interface

Command Mode

- /exec

clear ip pim route

clear ip pim route { <all> | <group-prefix> | <group> [<source>] } [vrf { <vrf-name> | <vrf-known-name> | all }]

Syntax Description

clear	Reset functions
ip	Clear IP commands
pim	PIM clear commands
route	Route information
all	Clear all routes
group-prefix	Clear all routes within the Group prefix
group	Clear all routes matching the Group
source	(Optional) Clear a (S,G) route
vrf	(Optional) Clear information for particular VRF
vrf-name	(Optional) VRF name
vrf-known-name	(Optional) Known VRF name
all	(Optional) Display information for all VRFs

Command Mode

- /exec

clear ip pim statistics

clear ip pim statistics [vrf { <vrf-name> | <vrf-known-name> | all }]

Syntax Description

clear	Reset functions
ip	Clear IP commands
pim	Clear PIM information
statistics	Packet global counter statistics
vrf	(Optional) Display per-VRF information
vrf-name	(Optional) VRF name
vrf-known-name	(Optional) Known VRF name
all	(Optional) Display information for all VRFs

Command Mode

- /exec

clear ip rip policy statistics redistribute bgp

{ { clear ip rip policy statistics redistribute bgp <as> } | { clear ip rip policy statistics redistribute eigrp <tag> } | { clear ip rip policy statistics redistribute isis <tag> } | { clear ip rip policy statistics redistribute rip <tag> } | { clear ip rip policy statistics redistribute ospf <tag> } | { clear ip rip policy statistics redistribute direct } | { clear ip rip policy statistics redistribute static } } [vrf { <vrf-name> | <vrf-known-name> | all }]

Syntax Description

clear	Reset functions
ip	Clear IP commands
rip	Routing Information Protocol (RIP)
policy	Policy related information
statistics	Policy statistics
redistribute	RIP redistribute routes from other routing protocol
bgp	Border Gateway Protocol (BGP)
eigrp	Enhanced Interior Gateway Routing Protocol (EIGRP)
as	Autonomous system number
isis	Intermediate-to-intermediate (ISIS)
ospf	Open Shortest Path First (OSPFv2)
tag	Process tag
static	Static routes
direct	Directly connected routes
vrf	(Optional) Display per-VRF information
vrf-name	(Optional) VRF name
vrf-known-name	(Optional) Known VRF name
all	(Optional) Display information for all VRFs

Command Mode

- /exec

clear ip rip statistics

clear { ipv6 | ip } rip statistics [* | <interface>] [vrf { <vrf-name> | <vrf-known-name> | all }]

Syntax Description

clear	Reset functions
ipv6	Clear IPv6 commands
ip	Clear IP commands
rip	Routing Information Protocol (RIP)
statistics	Clear RIP statistics
*	(Optional) RIP statistics for all interfaces
interface	(Optional) RIP interface
vrf	(Optional) Display per-VRF information
vrf-name	(Optional) VRF name
vrf-known-name	(Optional) Known VRF name
all	(Optional) Display information for all VRFs

Command Mode

- /exec

clear ip traffic

clear ip traffic [vrf { <vrf-name> | <vrf-known-name> }]

Syntax Description

clear	Reset functions
ip	Clear IP commands
traffic	Clear IP global statistics
vrf	THIS KEYWORD OR VARIABLE IS NOT SUPPORTED
vrf-name	(Optional) VRF name
vrf-known-name	(Optional) Known VRF name

Command Mode

- /exec

clear ipv6 adjacency statistics

clear ipv6 adjacency statistics

Syntax Description

clear	Reset functions
ipv6	Clear IPv6 commands
adjacency	Clear Adjacency
statistics	Clear Adjacency Statistics

Command Mode

- /exec

clear ipv6 amt tunnel

clear ipv6 amt tunnel [<address6> <port>] [vrf { <vrf-name> | <vrf-known-name> }]

Syntax Description

clear	AMT clear commands
amt	AMT show commands
ipv6	Display IP information
tunnel	Display tunnel information
vrf	(Optional) Display information for VRF
vrf-name	(Optional) VRF name
vrf-known-name	(Optional) Known VRF name
port	(Optional) UDP port number of gateway

Command Mode

- /exec

clear ipv6 dhcp relay prefix-delegation

clear ipv6 dhcp relay prefix-delegation { all | client <addr> |

Syntax Description

clear	Reset functions
ipv6	IPv6
dhcp	Clear State of DHCP features
relay	DHCPv6 relay
prefix-delegation	Delegated prefix bindings
all	Clear all entries
client	Client's IPv6 address
addr	IPv6 address

Command Mode

- /exec

clear ipv6 dhcp relay statistics

clear ipv6 dhcp relay statistics [interface <intf> [[server-ip <ip-addr-val> [use-vrf <vrf-name>] [interface <dest-interface>]] | [server-ip <ip-addr-val> [interface <dest-interface>] [use-vrf <vrf-name>]]]]

Syntax Description

clear	Reset functions
ipv6	IPv6
dhcp	Clear State of DHCPv6 features
relay	Clear State of DHCPv6 relay stats
statistics	DHCPv6 Relay statistics
interface	(Optional) input interface
intf	(Optional) interface
server-ip	(Optional) Server address
use-vrf	(Optional) Server address VRF membership
vrf-name	(Optional) VRF name
interface	(Optional) Destination interface for the server address
dest-interface	(Optional) Destination interface

Command Mode

- /exec

clear ipv6 icmp

clear ipv6 { icmp | nd } { interface statistics [<interface>] | global statistics }

Syntax Description

clear	Reset functions
ipv6	Clear IPv6 commands
icmp	Clear ICMPv6 information
nd	Clear Neighbor Discovery interface information
interface	Clear ICMPv6 related interface information
statistics	Clear ICMPv6 interface statistics
global	Clear ICMPv6 global statistics
interface	(Optional) Interface to clear statistics for

Command Mode

- /exec

clear ipv6 icmp l2 statistics interface

clear ipv6 { icmp | nd } l2 statistics interface { <interface> | all }

Syntax Description

clear	Reset functions
ipv6	Display IPv6 information
icmp	Display ICMPv6 information
nd	ICMPv6 Neighbor Discovery commands
interface	Interface for which l2 stats to be cleared
l2	Clear ND info for layer-2 interface
statistics	Clear ND statistics for layer 2 interface
all	Clear ND stats for all layer 2 interface
interface	interface

Command Mode

- /exec

clear ipv6 icmp nd local-proxy stats

clear ipv6 icmp nd local-proxy stats { all | { { <vlan-interface> } [<interface>] } }

Syntax Description

clear	Reset functions
ipv6	Display IPv6 information
icmp	Display ICMPv6 information
nd	ICMPv6 Neighbor Discovery commands
local-proxy	show nd local proxy stats
stats	statistics
all	show stats for all vlan
vlan-interface	vlan interface
interface	(Optional) interface

Command Mode

- /exec

clear ipv6 icmp vpc-statistics

clear ipv6 icmp vpc-statistics

Syntax Description

clear	Reset functions
ipv6	Clear IPv6 commands
icmp	Clear ICMPv6 information
vpc-statistics	Clear ICMPv6 ND vPC statistics

Command Mode

- /exec

clear ipv6 interface statistics

clear ipv6 interface statistics [<interface>]

Syntax Description

clear	Reset functions
ipv6	Clear IPv6 commands
interface	Clear IPv6 related interface information
statistics	Clear IPv6 interface statistics
interface	(Optional) Interface to clear statistics for

Command Mode

- /exec

clear ipv6 lisp data-cache

clear ipv6 lisp data-cache [<eid6>] [vrf { <vrf-name> | <vrf-known-name> }]

Syntax Description

clear	Reset functions
ipv6	Clear IPv6 commands
lisp	LISP clear commands
data-cache	Clear EID-to-RLOC data cache mapping in this ITR
eid6	(Optional) Clear mapping for IPv6 destination EID
vrf	(Optional) Display per-VRF information
vrf-name	(Optional) VRF name
vrf-known-name	(Optional) Known VRF name

Command Mode

- /exec

clear ipv6 lisp statistics

clear ipv6 lisp statistics [vrf { <vrf-name> | <vrf-known-name> }]

Syntax Description

clear	Reset functions
ipv6	Clear IPv6 commands
lisp	LISP clear commands
statistics	Clear global LISP statistics
vrf	(Optional) Clear statistics for vrf
vrf-name	(Optional) VRF name
vrf-known-name	(Optional) Known VRF name

Command Mode

- /exec

clear ipv6 mld groups

clear ipv6 [icmp] mld { groups | route } { <all> | <group-prefix> | <group> [<source>] } [vrf { <vrf-name> | <vrf-known-name> | all }]

Syntax Description

clear	Reset functions
ipv6	Clear IPv6 commands
icmp	(Optional) Clear ICMPv6 information
mld	Clear Multicast Listener Discovery information
groups	Route information
route	Route information
all	Clear all routes
vrf	(Optional) Clear information for particular VRF
vrf-name	(Optional) VRF name
vrf-known-name	(Optional) Known VRF name
all	(Optional) Display information for all VRFs

Command Mode

- /exec

clear ipv6 mld interface statistics

clear ipv6 mld interface statistics [vrf { <vrf-name> | <vrf-known-name> | all } | <interface>]

Syntax Description

clear	Reset functions
ipv6	Clear IPv6 commands
mld	Clear MLD related information
interface	Interface related information
statistics	Packet/internal counter statistics
interface	(Optional) Specific interface only
vrf	(Optional) Clear information for particular VRF
vrf-name	(Optional) VRF name
vrf-known-name	(Optional) Known VRF name
all	(Optional) Display information for all VRFs

Command Mode

- /exec

clear ipv6 mld snooping explicit-tracking

clear ipv6 mld snooping explicit-tracking { vlan { <vlan> | all } | bridge-domain { <bdid> | all } }

Syntax Description

clear	Reset functions
ipv6	Clear IPv6 commands
mld	Clear MLD Snooping
snooping	Clear MLD Snooping
explicit-tracking	Clear Explicit Host tracking information
vlan	Clear explicit tracking information for VLAN
vlan	Specify VLAN
bridge-domain	Clear explicit tracking information for BD
bdid	Specify BD
all	Clear for all vlans/BD

Command Mode

- /exec

clear ipv6 mld snooping groups

clear ipv6 mld snooping groups { <all> | { <group-prefix> | <group> } [<source>] } [interface <if-name>] { vlan { <vlan> | all } | bridge-domain { <bdid> | all } }

Syntax Description

clear	Reset functions
ipv6	Clear IPv6 commands
mld	Clear MLD related information
snooping	Clear MLD Snooping
groups	Clear snooped groups
all	Clear all groups
interface	(Optional) Specify interface to clear group state
if-name	(Optional) Interface name to clear
vlan	Clear information for VLAN
vlan	Specify the VLAN number
bridge-domain	Clear information for BD
bdid	Specify the BD number
all	Clear for all VLAN/BDs

Command Mode

- /exec

clear ipv6 mld snooping proxy querier ports vlan

clear ipv6 mld snooping proxy querier ports { vlan <vlan> | bridge-domain <bdid> } <if-name> [purge]

Syntax Description

clear	Reset functions
ipv6	Clear IPv6 commands
mld	Clear MLD Snooping
snooping	Clear MLD Snooping
proxy	Clear MLD snooping proxy
querier	Clear MLD snooping proxy querier
ports	Clear MLD snooping proxy querier ports
vlan	Clear for a specific vlan
vlan	Specify the VLAN number
bridge-domain	Clear for a specific BD
bdid	Specify the BD number
if-name	Interface name to clear
purge	THIS KEYWORD OR VARIABLE IS NOT SUPPORTED

Command Mode

- /exec

clear ipv6 mld snooping report statistics

clear ipv6 mld snooping { report-policy | access-group } statistics [vlan <vlan>]

Syntax Description

clear	Reset functions
ipv6	Clear IPv6 commands
mld	Clear MLD Snooping
snooping	Clear MLD Snooping
report-policy	MLD report policy
access-group	MLD access-group
statistics	Policy statistics
vlan	(Optional) Clear VLAN MLD snooping policy statistics information
vlan	(Optional) Specify VLAN

Command Mode

- /exec

clear ipv6 mld snooping statistics

clear ipv6 mld snooping statistics { vlan <vlan> | bridge-domain <bdid> | all }

Syntax Description

clear	Reset functions
ipv6	Clear IPv6 commands
mld	Clear MLD Snooping
snooping	Clear MLD Snooping
statistics	Packet/internal counter statistics
vlan	Clear VLAN statistics
vlan	Specify VLAN
bridge-domain	Clear BD statistics
bdid	Specify BD
all	All VLAN/BDs

Command Mode

- /exec

clear ipv6 mroute

clear ipv6 mroute [repopulate] { { <all> [shared-tree | source-tree] } | { <group-prefix> [shared-tree | source-tree] } | { <group> [<source> | shared-tree | source-tree] } } [vrf { <vrf-name> | <vrf-known-name> | all }]

Syntax Description

clear	Reset functions
ipv6	Clear IPv6 commands
mroute	Clear multicast routing table
repopulate	THIS KEYWORD OR VARIABLE IS NOT SUPPORTED
all	Clear all routes
shared-tree	(Optional) Clear the (*,G) route associated with the group
source-tree	(Optional) Clear all (S,G) routes associated with the group
vrf	(Optional) Clear information for particular VRF
vrf-name	(Optional) VRF name
vrf-known-name	(Optional) Known VRF name
all	(Optional) Display information for all VRFs

Command Mode

- /exec

clear ipv6 mroute statistics

clear ipv6 mroute statistics { <all> | <group-prefix> | <group> [<source>] } [vrf { <vrf-name> | <vrf-known-name> | all }]

Syntax Description

clear	Reset functions
ipv6	Clear IPv6 commands
mroute	Clear multicast routing table
statistics	Clear statistics of multicast route
all	Clear all routes
vrf	(Optional) Clear information for particular VRF
vrf-name	(Optional) VRF name
vrf-known-name	(Optional) Known VRF name
all	(Optional) Display information for all VRFs

Command Mode

- /exec

clear ipv6 neighbor

clear ipv6 neighbor [[<nbr-addr> [<intf>]] [vrf { <vrf-name> | <vrf-known-name> | all }] | vrf { <vrf-name> | <vrf-known-name> | all } | <interface>] [force-delete]

Syntax Description

clear	Reset functions
ipv6	Clear IPv6 commands
neighbor	Clear ICMPv6 neighbor cache
intf	(Optional) Clear cache entries for given interface
interface	(Optional) Clear cache entries for given interface
force-delete	(Optional) Clear the cache entries without refresh
vrf	(Optional) Display per-VRF information
vrf-name	(Optional) VRF name
vrf-known-name	(Optional) Known VRF name
all	(Optional) Display information for all VRFs

Command Mode

- /exec

clear ipv6 neighbor binding

clear ipv6 neighbor binding [mac <macaddr> | address { <ipv6-addr> | all } | policy <policy-name> |

Syntax Description

clear	Reset functions
ipv6	IPv6
macaddr	(Optional) 48-bit hardware address
policy-name	(Optional) Snooping Policy name to be cleared

Command Mode

- /exec

clear ipv6 pim interface statistics

clear ipv6 pim interface statistics [<interface> | vrf { <vrf-name> | <vrf-known-name> | all }]

Syntax Description

clear	Reset functions
ipv6	Clear IPv6 commands
pim	Clear PIM6 information
interface	Interface related information
statistics	Packet interface counter statistics
interface	(Optional) Interface name to clear
vrf	(Optional) Display per-VRF information
vrf-name	(Optional) VRF name
vrf-known-name	(Optional) Known VRF name
all	(Optional) Display information for all VRFs

Command Mode

- /exec

clear ipv6 pim policy statistics jp

clear ipv6 pim policy statistics { jp-policy | neighbor-policy } <interface>

Syntax Description

clear	Reset functions
ipv6	Clear IPv6 commands
pim	PIM6 global configuration commands
policy	Policy related information
statistics	Policy statistics
jp-policy	Statistics for jp-policy
neighbor-policy	Statistics for neighbor-policy
interface	Interface

Command Mode

- /exec

clear ipv6 pim route

clear ipv6 pim route { <all> | <group-prefix> | <group> [<source>] } [vrf { <vrf-name> | <vrf-known-name> | all }]

Syntax Description

clear	Reset functions
ipv6	Clear IPv6 commands
pim	PIM6 clear commands
route	Route information
all	Clear all routes
vrf	(Optional) Clear information for particular VRF
vrf-name	(Optional) VRF name
vrf-known-name	(Optional) Known VRF name
all	(Optional) Display information for all VRFs

Command Mode

- /exec

clear ipv6 pim statistics

clear ipv6 pim statistics [vrf { <vrf-name> | <vrf-known-name> | all }]

Syntax Description

clear	Reset functions
ipv6	Clear IPv6 commands
pim	Clear PIM6 information
statistics	Packet global counter statistics
vrf	(Optional) Display per-VRF information
vrf-name	(Optional) VRF name
vrf-known-name	(Optional) Known VRF name
all	(Optional) Display information for all VRFs

Command Mode

- /exec

clear ipv6 raguard statistics

clear ipv6 raguard statistics

Syntax Description

clear	Reset functions
ipv6	IPv6
raguard	IPV6 raguard
statistics	RA packet drop count

Command Mode

- /exec

clear ipv6 rip policy statistics redistribute bgp

{ { clear ipv6 rip policy statistics redistribute bgp <as> } | { clear ipv6 rip policy statistics redistribute eigrp <tag> } | { clear ipv6 rip policy statistics redistribute isis <tag> } | { clear ipv6 rip policy statistics redistribute rip <tag> } | { clear ipv6 rip policy statistics redistribute ospfv3 <tag> } | { clear ipv6 rip policy statistics redistribute direct } | { clear ipv6 rip policy statistics redistribute static } } [vrf { <vrf-name> | <vrf-known-name> | all }]

Syntax Description

clear	Reset functions
ipv6	Clear IPv6 commands
rip	Routing Information Protocol (RIP)
policy	Policy related information
statistics	Policy statistics
redistribute	RIP redistribute routes from other routing protocol
bgp	Border Gateway Protocol (BGP)
as	Autonomous system number
eigrp	Enhanced Interior Gateway Routing Protocol (EIGRP)
isis	Intermediate-to-intermediate (ISIS)
ospfv3	Open Shortest Path First (OSPFv3)
tag	Process tag
static	Static routes
direct	Directly connected routes
vrf	(Optional) Display per-VRF information
vrf-name	(Optional) VRF name
vrf-known-name	(Optional) Known VRF name
all	(Optional) Display information for all VRFs

Command Mode

- /exec

clear ipv6 snooping counters

clear ipv6 snooping counters [{ interface <intf> | vlan <vlanid> }]

Syntax Description

clear	Reset functions
ipv6	IPv6
intf	(Optional) interface
vlanid	(Optional) VLAN ID

Command Mode

- /exec

clear ipv6 snooping events

clear ipv6 snooping events

Syntax Description

clear	Reset functions
ipv6	IPv6

Command Mode

- /exec

clear ipv6 snooping messages

clear ipv6 snooping messages

Syntax Description

clear	Reset functions
ipv6	IPv6

Command Mode

- /exec

clear ipv6 traffic

clear ipv6 traffic [vrf { <vrf-name> | <vrf-known-name> }]

Syntax Description

clear	Reset functions
ipv6	Clear IPv6 commands
traffic	Clear IPv6 traffic statistics
vrf	THIS KEYWORD OR VARIABLE IS NOT SUPPORTED
vrf-name	(Optional) VRF name
vrf-known-name	(Optional) Known VRF name

Command Mode

- /exec

clear isis adjacency

clear isis [<isis-tag>] [vrf { <vrf-name> | <vrf-known-name> | all }] adjacency { * | { <interface> | system-id <sid> } + } [vrf { <vrf-name> | <vrf-known-name> | all }]

Syntax Description

clear	Reset functions
isis	Clear IS-IS information
isis-tag	(Optional) Routing process tag
vrf	(Optional) Display per-VRF information
vrf-name	(Optional) VRF name
vrf-known-name	(Optional) Known VRF name
all	(Optional) Display information for all VRFs
adjacency	Clear IS-IS adjacency state
*	IS-IS adjacencies on all interfaces
interface	IS-IS interface
system-id	Hostname or System ID
sid	Hostname or System ID (in the form of XXXX.XXXX.XXXX)

Command Mode

- /exec

clear isis redistribution

clear isis [<isis-tag>] redistribution [vrf { <vrf-name> | <vrf-known-name> | all }]

Syntax Description

clear	Reset functions
isis	Clear IS-IS information
isis-tag	(Optional) Routing process tag
vrf	(Optional) Display per-VRF information
vrf-name	(Optional) VRF name
vrf-known-name	(Optional) Known VRF name
all	(Optional) Display information for all VRFs
redistribution	Clear IS-IS redistributed information

Command Mode

- /exec

clear isis spf-log

clear isis [<isis-tag>] [vrf { <vrf-name> | <vrf-known-name> | all }] spf-log [vrf { <vrf-name> | <vrf-known-name> | all }]

Syntax Description

clear	Reset functions
isis	Clear IS-IS information
isis-tag	(Optional) Routing process tag
vrf	(Optional) Display per-VRF information
vrf-name	(Optional) VRF name
vrf-known-name	(Optional) Known VRF name
all	(Optional) Display information for all VRFs
spf-log	Display IS-IS SPF information

Command Mode

- /exec

clear isis statistics

clear isis [<isis-tag>] [vrf { <vrf-name> | <vrf-known-name> | all }] statistics { * | <interface> } [vrf { <vrf-name> | <vrf-known-name> | all }]

Syntax Description

clear	Reset functions
isis	Clear IS-IS information
isis-tag	(Optional) Routing process tag
vrf	(Optional) Display per-VRF information
vrf-name	(Optional) VRF name
vrf-known-name	(Optional) Known VRF name
all	(Optional) Display information for all VRFs
statistics	Clear IS-IS protocol statistics
*	All IS-IS protocol statistics
interface	IS-IS interface

Command Mode

- /exec

clear isis traffic

clear isis [<isis-tag>] [vrf { <vrf-name> | <vrf-known-name> | all }] traffic { * | <interface> } [vrf { <vrf-name> | <vrf-known-name> | all }]

Syntax Description

clear	Reset functions
isis	Clear IS-IS information
isis-tag	(Optional) Routing process tag
vrf	(Optional) Display per-VRF information
vrf-name	(Optional) VRF name
vrf-known-name	(Optional) Known VRF name
all	(Optional) Display information for all VRFs
traffic	Clear IS-IS traffic information
*	All IS-IS traffic information
interface	IS-IS interface

Command Mode

- /exec

clear itd statistics

clear itd statistics <service-name>

Syntax Description

clear	Reset functions
itd	ITD service
statistics	ITD statistics
service-name	ITD service-name

Command Mode

- /exec

clear l2dbg

clear l2dbg { macdb | portdb | rvtepdb | dme-events }

Syntax Description

clear	Clear
l2dbg	L2 debug databases
macdb	L2 debug MACDB
portdb	L2 debug PORTDB
rvtepdb	L2 debug RVTEPDB
dme-events	L2 debug ObjectstoreDB

Command Mode

- /exec

clear lacp counters

clear lacp counters [interface <if0>]

Syntax Description

clear	Reset functions
lacp	LACP protocol
counters	LACP counters
interface	(Optional) Specify a port-channel
if0	(Optional)

Command Mode

- /exec

clear lcnd stats interface

clear lcnd stats interface <interface>

Syntax Description

clear	clear
lcnd	lcnd
stats	statistics
interface	get interface related stats at lcnd level
interface	Interface name to display

Command Mode

- /exec

clear ldap-server statistics

clear ldap-server statistics <host0> [__readonly__ { <server_state> [<clock_time> { monitoring_statistics <time_in_pstate> <ndead> <tt_in_dstate> }] } { { auth_statistics <auth_failed_transactions> <auth_succ_transactions> <auth_req_sent> <auth_req_timedout> <auth_resp_no_match> <auth_resp_not_processed> <auth_resp_error> } { acct_statistics <acct_failed_transactions> <acct_succ_transactions> <acct_req_sent> <acct_req_timedout> <acct_resp_no_match> <acct_resp_not_processed> <acct_resp_error> } }]

Syntax Description

clear	Reset functions
ldap-server	Clear LDAP related parameters
statistics	Clear LDAP statistics
host0	DNS name or IP address
__readonly__	(Optional)
server_state	(Optional) Show state of server
clock_time	(Optional) Show clock time in terms of hours, minutes and seconds
monitoring_statistics	(Optional) Monitoring Statistics
time_in_pstate	(Optional) Time in previous state
ndead	(Optional) Number of times dead
tt_in_dstate	(Optional) Total time in dead state
auth_statistics	(Optional) Authentication Statistics
acct_statistics	(Optional) Accounting Statistics
auth_failed_transactions	(Optional) Authentication: Failed transactions
auth_succ_transactions	(Optional) Authentication: Successful transactions
auth_req_sent	(Optional) Authentication: Requests sent
auth_req_timedout	(Optional) Authentication: Requests timedout
auth_resp_no_match	(Optional) Authentication: Responses with no matching requests
auth_resp_not_processed	(Optional) Authentication: Responses not processed
auth_resp_error	(Optional) Authentication: Responses containing errors
acct_failed_transactions	(Optional) Accounting: Failed transactions
acct_succ_transactions	(Optional) Accounting: Successful transactions

acct_req_sent	(Optional) Accounting: Requests sent
acct_req_timedout	(Optional) Accounting: Requests timedout
acct_resp_no_match	(Optional) Accounting: Responses with no matching requests
acct_resp_not_processed	(Optional) Accounting: Responses not processed
acct_resp_error	(Optional) Accounting: Responses containing errors

Command Mode

- /exec

clear lim counters

clear lim counters [timeline]

Syntax Description

clear	Clear lim counters
lim	clear lim counters
counters	clear lim counters
timeline	(Optional) Clear all lim counters

Command Mode

- /exec

clear line

clear line <s0>

Syntax Description

clear	Reset functions
line	Kill a session on particular vty
s0	Enter the vty name

Command Mode

- /exec

clear lisp ddt referral-cache

clear lisp ddt referral-cache [instance-id <iid>] [<eid-prefix> | <eid-prefix6>] [vrf { <vrf-name> | <vrf-known-name> }]

Syntax Description

clear	Reset functions
lisp	LISP clear commands
ddt	LISP Delegated Database Tree
referral-cache	Clear the DDT referral cache
vrf	(Optional) Clear entry for particular vrf
vrf-name	(Optional) VRF name
vrf-known-name	(Optional) Known VRF name
instance-id	(Optional) Clear entry for specific instance-ID
iid	(Optional) 24-bit instance-ID value
eid-prefix	(Optional) Clear entry associated with IP EID-prefix

Command Mode

- /exec

clear lisp dynamic-eid

clear lisp dynamic-eid { <dyn-eid-name> | <dyn-eid> } [vrf { <vrf-name> | <vrf-known-name> }]

Syntax Description

clear	Reset functions
lisp	LISP clear commands
dynamic-eid	Clear dynamic-EID state
dyn-eid	IPv4 address of dynamic-EID entry
dyn-eid-name	Clear entries discovered for a dynamic-EID range
vrf	(Optional) Clear dynamic-EID entries for vrf
vrf-name	(Optional) VRF name
vrf-known-name	(Optional) Known VRF name

Command Mode

- /exec

clear lisp proxy-itr

clear lisp proxy-itr [<addr> | <addr6>] [vrf { <vrf-name> | <vrf-known-name> }]

Syntax Description

clear	Reset functions
lisp	LISP clear commands
proxy-itr	Clear discovered PITRs
addr	(Optional) IPv4 locator address of PITR
vrf	(Optional) Clear proxy-itr state for vrf
vrf-name	(Optional) VRF name
vrf-known-name	(Optional) Known VRF name

Command Mode

- /exec

clear lisp site

clear lisp site <site-name> [instance-id <iid>] [vrf { <vrf-name> | <vrf-known-name> }]

Syntax Description

clear	Reset functions
lisp	LISP clear commands
site	Clear site registration data
site-name	Clear registration data for a single site
instance-id	(Optional) Clear registration for a single instance-id within a site
iid	(Optional) 24-bit instance-ID value
vrf	(Optional) Clear site entries for vrf
vrf-name	(Optional) VRF name
vrf-known-name	(Optional) Known VRF name

Command Mode

- /exec

clear lldp counters

clear lldp counters

Syntax Description

clear	Reset functions
lldp	Reset the lldp counters
counters	Reset the lldp traffic counters to zero

Command Mode

- /exec

clear lldp counters interface

clear lldp counters interface <if0>

Syntax Description

clear	Reset functions
lldp	Reset the lldp counters
counters	Reset the lldp traffic counters to zero
interface	Clear lldp traffic counters per interface
if0	Enter interface

Command Mode

- /exec

clear logging dropcount

clear logging dropcount

Syntax Description

clear	Reset functions
logging	Clear logging information
dropcount	Clear logging dropcounter

Command Mode

- /exec

clear logging ip access-list cache

clear logging ip access-list cache

Syntax Description

clear	Reset functions
logging	Clear logging information
ip	IP configuration
access-list	Access-list
cache	logging

Command Mode

- /exec

clear logging logfile

clear logging logfile [persistent]

Syntax Description

clear	Reset functions
logging	Clear logging information
logfile	Clear logfile messages
persistent	(Optional) Clear logfile messages from persistent location

Command Mode

- /exec

clear logging nvram

clear logging nvram

Syntax Description

clear	Reset functions
logging	Clear logging information
nvram	Clear nvram logs

Command Mode

- /exec

clear logging onboard

clear logging onboard [{ card-boot-history | card-first-power-on | environmental-history | error-stats | exception-log | interrupt-stats | module <module> [{ environmental-history | error-stats | exception-log | interrupt-stats | obfl-logs | stack-trace | card-boot-history | card-first-power-on }] | obfl-logs | stack-trace }]

Syntax Description

clear	Reset functions
logging	Clear logging information
onboard	Clear OBFL information
environmental-history	(Optional) Clear OBFL environmental history
error-stats	(Optional) Clear OBFL error statistics
exception-log	(Optional) Clear OBFL exception log
interrupt-stats	(Optional) Clear OBFL interrupt statistics
card-boot-history	(Optional) Clear Card Boot History
card-first-power-on	(Optional) Clear Card First Power On
module	(Optional) Clear OBFL information for Module
module	(Optional) Enter module number
obfl-logs	(Optional) Clear OBFL (boot-uptime/device-version/obfl-history).
stack-trace	(Optional) Clear OBFL stack trace

Command Mode

- /exec

clear logging onboard

clear logging onboard [{ counter-stats | epld-log | internal { <dc3_options> } | module <module> [{ counter-stats | internal { <dc3_options> } }] }]

Syntax Description

clear	Reset functions
logging	Clear logging information
onboard	Clear OBFL information
counter-stats	(Optional) Clear OBFL counter statistics
epld-log	(Optional) Clear EPLD log
internal	(Optional) Clear Logging Onboard Internal
module	(Optional) Clear OBFL information for Module
module	(Optional) Enter module number
counter-stats	(Optional) Clear OBFL counter statistics
dc3_options	(Optional) dc3 options

Command Mode

- /exec

clear logging session

clear logging session

Syntax Description

clear	Reset functions
logging	Clear logging information
session	Clear logging session

Command Mode

- /exec

clear mac address-table dynamic

clear mac address-table dynamic [local] [address <mac-addr> | interface <interface-name>] [multicast-entries [not-notified]] [vlan <vlan-id> | vni <vni-id> | peer-ip <peer-ipv4>] [instance <instance>] [__readonly__ <info_str>]

Syntax Description

clear	Clear
mac	MAC configuration commands
address-table	MAC Address Table
dynamic	clear dynamic entries from the Layer2 Forwarding Table
local	(Optional) clear MAC Entries Learned Locally and Not on the Overlay/VXLAN
address	(Optional) address
mac-addr	(Optional) MAC Address
interface	(Optional) Interface
interface-name	(Optional) Interface name
vlan	(Optional) VLAN
vlan-id	(Optional) VLAN ID
vni	(Optional) VXLAN Network Identifier
vni-id	(Optional) VXLAN Network Identifier
peer-ip	(Optional) VXLAN Peer IP Address
peer-ipv4	(Optional) VXLAN Peer IP Address
instance	THIS KEYWORD OR VARIABLE IS NOT SUPPORTED
instance	(Optional) ASIC Instance Number
multicast-entries	(Optional) clear all dynamically learnt multicast entries
not-notified	(Optional) entries that exceed the hardware notification limit
__readonly__	(Optional)
info_str	(Optional) Information

Command Mode

- /exec

clear macsec mka statistics

clear macsec mka statistics [interface <ifname>]

Syntax Description

clear	Reset functions
macsec	Clear MACsec parameters
mka	Clear MKA parameters
statistics	Clear MKA statistics
interface	(Optional) Specify interface
ifname	(Optional) Interface list

Command Mode

- /exec

clear macsec secy statistics

clear macsec secy statistics [interface <ifname>]

Syntax Description

clear	Reset functions
macsec	Clear MACsec parameters
secy	Clear secy parameters
statistics	Clear secy statistics
interface	(Optional) Specify interface
ifname	(Optional) Interface list

Command Mode

- /exec

clear mdns-sd cache

clear mdns-sd cache { mac <mac-addr> | vlan <vlan-id> | all }

Syntax Description

clear	Reset functions
mdns-sd	mDNS Gateway
cache	clear MDNS cache info
mac	clear MDNS cache per mac
mac-addr	MAC address
vlan	clear MDNS cache per vlan
vlan-id	VLAN ID 1-4094 or range(s): 1-5, 10 or 2-5,7-19
all	clear MDNS cache-all info

Command Mode

- /exec

clear mdns-sd controller statistics

clear mdns-sd controller statistics

Syntax Description

clear	Reset functions
mdns-sd	mDNS Gateway
controller	mDNS Controller
statistics	mDNS Controller Statistics

Command Mode

- /exec

clear mdns-sd file-logging

clear mdns-sd file-logging

Syntax Description

clear	Reset functions
mdns-sd	mDNS Gateway
file-logging	File-Logging to /bootflash/mdns.dbg

Command Mode

- /exec

clear mdns-sd statistics global

clear mdns-sd statistics global

Syntax Description

clear	Reset functions
mdns-sd	mDNS Gateway
statistics	mDNS Statistics
global	mDNS global Statistics

Command Mode

- /exec

clear mdns-sd statistics raw-stats

clear mdns-sd statistics raw-stats { all | <index> }

Syntax Description

clear	Reset functions
mdns-sd	mDNS Gateway
statistics	mDNS Statistics
raw-stats	mDNS rawStats Statistics
all	ALL Raw stats
index	Specify the index of Raw Stats

Command Mode

- /exec

clear monitor session drops

clear monitor session <session_number> drops

Syntax Description

clear	Clear the monitor drop counters
monitor	Show Ethernet SPAN information
session	span session number
session_number	
drops	show the drops

Command Mode

- /exec

clear monitor session stats

clear monitor session { all | <session_number> } stats <dir>

Syntax Description

clear	Clear the monitor drop counters
monitor	Show Ethernet SPAN information
session	span session number
session_number	
all	All sessions
stats	clear stats
dir	Source direction

Command Mode

- /exec

clear mpls access-list counters

clear mpls access-list counters [<name>]

Syntax Description

clear	Reset functions
mpls	mpls keyword
access-list	Clear access list statistical information
counters	Clear access list counters
name	(Optional) List name

Command Mode

- /exec

clear mpls forwarding statistics

clear mpls forwarding statistics [interface { <interface> | all }]

Syntax Description

clear	Reset functions
mpls	MPLS events
forwarding	Clear MPLS software forwarded
statistics	Traffic statistics
interface	(Optional) Interface specific information
interface	(Optional) Interface chosen to clear statistics
all	(Optional) All interfaces

Command Mode

- /exec

clear mpls static trace

clear mpls static trace { error | warning | event }

Syntax Description

clear	Clear MPLS static trace buffer
mpls	MPLS configuration commands
static	MPLS static
trace	MPLS static trace
error	MPLS static error trace
warning	MPLS static warning trace
event	MPLS static event trace

Command Mode

- /exec

clear mpls switching label statistics

clear mpls switching label statistics { all | <label-value> }

Syntax Description

clear	Reset functions
mpls	MPLS clear commands
switching	Clear MPLS label switching database information
label	Clear MPLS label information
statistics	Clear label statistics
all	Clear statistics for all labels
label-value	Label

Command Mode

- /exec

clear mts dedup_stats uuid app_update_id

clear mts dedup_stats uuid <i0> app_update_id <update_id>

Syntax Description

clear	Reset functions
mts	MTS statistics
dedup_stats	dedup statistics
uuid	application uuid
app_update_id	application specific update_id bits 47-0
i0	enter the application uuid
update_id	enter the dedup application update id(48 bits)

Command Mode

- /exec

clear mts message statistics

clear mts message statistics

Syntax Description

clear	Reset functions
mts	MTS statistics
message	mts messages
statistics	mts message statistics

Command Mode

- /exec

clear mvr counters

clear mvr counters

Syntax Description

clear	Reset functions
mvr	Clear MVR info
counters	Clear MVR counters

Command Mode

- /exec

clear mvr counters receiver-ports

clear mvr counters receiver-ports [<if0>]

Syntax Description

clear	Reset functions
mvr	Clear MVR info
counters	Clear MVR counters
receiver-ports	Clear MVR receiver port counters
if0	(Optional) Interface name

Command Mode

- /exec

clear mvr counters source-ports

clear mvr counters source-ports [<if0>]

Syntax Description

clear	Reset functions
mvr	Clear MVR info
counters	Clear MVR counters
source-ports	Clear MVR source port counters
if0	(Optional) Interface name

Command Mode

- /exec

clear nat itd

clear nat itd { all | acl-name <name> | statistics }

Syntax Description

clear	Reset functions
nat	IP NAT information
itd	IP NAT ITD
all	Delete all nat itd configuration
acl-name	Access list
name	Access-list-name
statistics	Clear nat itd statistics

Command Mode

- /exec

clear nbm flows statistics

clear nbm flows statistics [source <source-ip> [group <group-ip>] | group <group-ip> [source <source-ip>]] [vrf { <vrf-name> | <nbm-vrf-known-name> | all }]

Syntax Description

clear	Clear
nbm	Non blocking Multicast
flows	NBM flows
statistics	Clear nbm flow statistics
source	(Optional) Source IP address
source-ip	(Optional) Source IP address value
group	(Optional) Multicast group
group-ip	(Optional) Multicast group address value
vrf	(Optional) Display per-VRF information
all	(Optional) Display all VRFs
vrf-name	(Optional) VRF name
nbm-vrf-known-name	(Optional) NBM VRF Name

Command Mode

- /exec

clear ngoam

clear ngoam { probe { statistics { summary | { session { <handle> | all } } } } }

Syntax Description

clear	Reset functions
ngoam	ngoam information
probe	clear ngoam probe
statistics	clear ngoam statistics
summary	clear ngoam statistics summary
session	clear ngoam information by session handle
handle	specify session handle
all	clear stats for all probe sessions

Command Mode

- /exec

clear ngoam

clear ngoam { traceroute { { session { <handle> | all } } | { statistics { summary | { session { <handle> | all } } } } } [force] }

Syntax Description

clear	Reset functions
ngoam	ngoam information
traceroute	clear ngoam traceroute
statistics	clear ngoam statistics
summary	clear ngoam statistics summary
session	clear ngoam information by session handle
handle	specify session handle
all	clear stats for all traceroute sessions
force	THIS KEYWORD OR VARIABLE IS NOT SUPPORTED

Command Mode

- /exec

clear ngoam

clear ngoam { { interface statistics } }

Syntax Description

clear	Reset functions
ngoam	ngoam information
interface	probe packet interface
statistics	clear ngoam statistics

Command Mode

- /exec

clear ngoam loop-detection statistics

clear ngoam loop-detection statistics

Syntax Description

clear	clear
ngoam	ngoam information
loop-detection	Clear ngoam loop detection
statistics	statistics

Command Mode

- /exec

clear ngoam pathtrace

clear ngoam pathtrace { { statistics { summary | { session { <handle> | all } } } } | { database { session { <handle> | all } } } } [force]

Syntax Description

clear	Reset functions
ngoam	ngoam information
pathtrace	clear ngoam pathrace
database	clear ngoam pathtrace database
statistics	clear ngoam statistics
summary	clear ngoam statistics summary
session	clear ngoam information by session handle
handle	specify session handle
all	clear stats for all pathtrace sessions
force	THIS KEYWORD OR VARIABLE IS NOT SUPPORTED

Command Mode

- /exec

clear ntp session

clear ntp session

Syntax Description

clear	Reset functions
ntp	Network Time Protocol
session	Clear the ntp configuration session

Command Mode

- /exec

clear ntp statistics

clear ntp statistics { all-peers | io | local | memory }

Syntax Description

clear	Reset functions
ntp	Network Time Protocol
statistics	Clear NTP Statistics
all-peers	Clear per-peer statistics counter of all peers
io	Clear input-output statistics
local	Clear counters maintained by the local NTP
memory	Clear statistics counters related to memory code

Command Mode

- /exec

clear nve peer-ip

clear nve peer-ip <peer_ipv4>

Syntax Description

clear	Clear
nve	Configure NVE information
peer-ip	peer ip
peer_ipv4	peer ip

Command Mode

- /exec

clear nve peers history-log

clear nve peers history-log

Syntax Description

clear	Reset functions
nve	Configure NVE information
peers	NVE Peer
history-log	nve_clear_peers_history_log_cmd

Command Mode

- /exec

clear nve peers interface counters

clear nve peers { <addr> | <addr-v6> } interface <nve-if> counters

Syntax Description

clear	Reset functions
nve	Configure NVE information
peers	NVE Peer
addr	Remote Peer IP Address
counters	Counters
interface	Interface
nve-if	NVE interface

Command Mode

- /exec

clear nve peers vni interface counters

clear nve peers { { <addr> | <addr-v6> } | all } vni { <vni-id> | all } interface <nve-if> counters

Syntax Description

clear	Reset functions
nve	Configure NVE information
peers	NVE Peer
addr	Remote Peer IP Address
all	Clear counters for all peers/VNIs
vni	Virtual Network Identifier
vni-id	Virtual Network Identifier
counters	Counters
interface	Interface
nve-if	NVE interface

Command Mode

- /exec

clear nve vni counters

clear nve vni { <vni-id> | all } counters

Syntax Description

clear	Reset functions
nve	Configure NVE information
vni	Virtual Network Identifier
vni-id	Virtual Network Identifier
counters	Counters
all	Clear counters for all vnis

Command Mode

- /exec

clear nvram

clear nvram

Syntax Description

clear	Reset functions
nvram	purge NVRAM

Command Mode

- /exec

clear nxapi-server logs

clear nxapi-server logs

Syntax Description

clear	Reset functions
nxapi-server	Clear NX-API Server
logs	Clear NX-API Server logs

Command Mode

- /exec

clear openflow switch controller all

clear openflow switch <switch-id> controller all

Syntax Description

clear	Reset functions
openflow	Clear OpenFlow switch information
switch	Logical switch id
switch-id	Logical switch-id
controller	Controller
all	All

Command Mode

- /exec

clear ospfv3 neighbor

clear ospfv3 [<tag>] [vrf { <vrf-name> | <vrf-known-name> | all }] neighbor { * | <neighborid> | <interface> } [vrf { <vrf-name> | <vrf-known-name> | all }]

Syntax Description

clear	Reset functions
ospfv3	Clear OSPF tables
tag	(Optional) Process tag
vrf	(Optional) Display per-VRF information
vrf-name	(Optional) VRF name
vrf-known-name	(Optional) Known VRF name
all	(Optional) Display information for all VRFs
neighbor	Clear one or more neighbors
*	Clear all neighbors
neighborid	Source IP address, or router ID of the neighbor
interface	Interface to clear all neighbors on

Command Mode

- /exec

clear ospfv3 statistics

clear ospfv3 [<tag>] [vrf { <vrf-name> | <vrf-known-name> | all }] statistics [vrf { <vrf-name> | <vrf-known-name> | all }]

Syntax Description

clear	Reset functions
ospfv3	Clear OSPF tables
tag	(Optional) Process tag
vrf	(Optional) Display per-VRF information
vrf-name	(Optional) VRF name
vrf-known-name	(Optional) Known VRF name
all	(Optional) Display information for all VRFs
statistics	Clear statistics counters

Command Mode

- /exec

clear ospfv3 traffic

clear ospfv3 [<tag>] [vrf { <vrf-name> | <vrf-known-name> | all }] traffic [<interface>] [vrf { <vrf-name> | <vrf-known-name> | all }]

Syntax Description

clear	Reset functions
ospfv3	Clear OSPF tables
tag	(Optional) Process tag
vrf	(Optional) Display per-VRF information
vrf-name	(Optional) VRF name
vrf-known-name	(Optional) Known VRF name
all	(Optional) Display information for all VRFs
traffic	Clear traffic counters
interface	(Optional) Interface to clear all traffic on

Command Mode

- /exec

clear otv isis adjacency

clear otv isis [<otv-isis-tag>] adjacency { * | { <interface> | system-id <sid> } } [vpn { <vrf-name> | all }]

Syntax Description

clear	Reset functions
otv	Clear OTV commands
isis	Clear IS-IS information
otv-isis-tag	(Optional) Routing process tag
vpn	(Optional) Display VPN information
vrf-name	(Optional) VPN name
all	(Optional) All configured VPNs
adjacency	Clear IS-IS adjacency state
*	IS-IS adjacencies on all interfaces
interface	IS-IS interface
system-id	Hostname or System ID
sid	Hostname or System ID (in the form of XXXX.XXXX.XXXX)

Command Mode

- /exec

clear otv isis route-map statistics

clear otv isis [<otv-isis-tag>] [ip] route-map statistics [vpn { <vrf-name> | all }]

Syntax Description

clear	Reset functions
otv	Clear OTV commands
isis	Clear IS-IS information
otv-isis-tag	(Optional) Routing process tag
vpn	(Optional) Display VPN information
vrf-name	(Optional) VPN name
all	(Optional) All configured VPNs
ip	(Optional) Clear IS-IS IPv4 information
route-map	Clear IS-IS route-map information
statistics	Clear IS-IS route-map statistics

Command Mode

- /exec

clear otv isis statistics

clear otv isis [<otv-isis-tag>] statistics { * | <interface> } [vpn { <vrf-name> | all }]

Syntax Description

clear	Reset functions
otv	Clear OTV commands
isis	Clear IS-IS information
otv-isis-tag	(Optional) Routing process tag
vpn	(Optional) Display VPN information
vrf-name	(Optional) VPN name
all	(Optional) All configured VPNs
statistics	Clear IS-IS protocol statistics
*	All IS-IS protocol statistics
interface	IS-IS interface

Command Mode

- /exec

clear otv isis traffic

clear otv isis [<otv-isis-tag>] traffic { * | <interface> } [vpn { <vrf-name> | all }]

Syntax Description

clear	Reset functions
otv	Clear OTV commands
isis	Clear IS-IS information
otv-isis-tag	(Optional) Routing process tag
vpn	(Optional) Display VPN information
vrf-name	(Optional) VPN name
all	(Optional) All configured VPNs
traffic	Clear IS-IS traffic information
*	All IS-IS traffic information
interface	IS-IS interface

Command Mode

- /exec

clear peer-info interface vsan

clear peer-info interface <iface> vsan <vsan_id>

Syntax Description

clear	Reset functions
peer-info	clear rnid information
interface	clear peer rnid information for a port in a vsan
iface	
vsan	clear peer rnid information
vsan_id	Enter VSAN number

Command Mode

- /exec

clear pktmgr client

clear pktmgr client [<uuid>]

Syntax Description

clear	Reset functions
pktmgr	Clear Packet Manager information
client	Clear pktmgr clients counters
uuid	(Optional) Clear pktmgr client counters for given uuid

Command Mode

- /exec

clear pktmgr interface

clear pktmgr interface [<interface>]

Syntax Description

clear	Reset functions
pktmgr	Clear Packet Manager information
interface	Clear pktmgr related interface information
interface	(Optional) Interface name to display

Command Mode

- /exec

clear port-security dynamic address vlan

clear port-security dynamic address <mac-address> vlan <vlanid>

Syntax Description

clear	Reset functions
port-security	Clear port-security information
dynamic	dynamic addresses
address	secure address
mac-address	48 bit mac address
vlan	vlan information
vlanid	vlan id. Enter a value between 1 and 4094

Command Mode

- /exec

clear port-security dynamic interface

clear port-security dynamic interface <if_index> [vlan <vlanid>]

Syntax Description

clear	Reset functions
port-security	Clear port-security information
dynamic	dynamic addresses
interface	interface
if_index	ethernet
vlan	(Optional) vlan information
vlanid	(Optional) vlan id. Enter a value between 1 and 4094

Command Mode

- /exec

clear processes log all

clear processes log all

Syntax Description

clear	Reset functions
processes	process-related clear commands
log	Delete log files
all	Delete all the log files

Command Mode

- /exec

clear processes log all vdc-all

clear processes log all vdc-all

Syntax Description

clear	Reset functions
processes	process-related clear commands
log	Delete log files
all	Delete all the log files
vdc-all	Delete all the log files in all vdcs

Command Mode

- /exec

clear processes log archive

clear processes log archive [file <s0>]

Syntax Description

clear	Reset functions
processes	system manager spawned processes
log	Delete log files
archive	clear all process logs for this vdc from logflash on this module
file	(Optional) delete a log file on logflash
s0	(Optional) Name of file in directory 'log

Command Mode

- /exec

clear processes log pid

clear processes log pid <i0>

Syntax Description

clear	Reset functions
processes	process-related clear commands
log	Delete log files
pid	Delete log file of a specific process
i0	pid of the process

Command Mode

- /exec

clear processes vdc log all

clear processes vdc <e-vdc2> log all

Syntax Description

clear	Reset functions
processes	process-related clear commands
vdc	process-related clear commands in vdc
e-vdc2	Enter Virtual Device Context <vdc-id>
log	Delete log files
all	Delete all the log files

Command Mode

- /exec

clear processes vdc log pid

clear processes vdc <e-vdc2> log pid <i1>

Syntax Description

clear	Reset functions
processes	process-related clear commands
vdc	process-related clear commands in vdc
e-vdc2	Enter Virtual Device Context <vdc-id>
log	Delete log files
pid	Delete log file of a specific process
i1	pid of the process

Command Mode

- /exec

clear ptp corrections

clear ptp corrections

Syntax Description

clear	Reset functions
ptp	Precision Time Protocol (IEEE 1588) Subsystem
corrections	Clear history of PTP corrections

Command Mode

- /exec

clear ptp counters interface

clear ptp counters { interface <if0> | all }

Syntax Description

clear	Reset functions
ptp	Precision Time Protocol (IEEE 1588) Subsystem
counters	Clear PTP packet counters
interface	Clear for specific interface
all	Clear for all interfaces
if0	

Command Mode

- /exec

clear qos mpls-snmp

clear qos mpls-snmp

Syntax Description

clear	Reset functions
mpls-snmp	MPLS default table-map and snmp indices in pss

Command Mode

- /exec

clear qos policies

clear qos policies

Syntax Description

clear	Reset functions
policies	Clear default policies

Command Mode

- /exec

clear qos statistics

clear qos statistics [{ interface [<iface-list>] | vlan [<vlan-list>] } [input | output] [type <qos-or-q>]]

Syntax Description

clear	Reset functions
statistics	Clear statistics
interface	(Optional) Clear statistics on a interface
iface-list	(Optional) List of Interfaces
vlan	(Optional) 802.1Q vlan
vlan-list	(Optional) List of vlan ids
input	(Optional) Input Service policy
output	(Optional) Output Service policy
type	(Optional) Policy type
qos-or-q	(Optional)

Command Mode

- /exec

clear queuing burst-detect

clear queuing burst-detect [[interface <if_name> [queue <queue_num>]] [module <module>] [fex <chassis-id>] | nir [module <module>]]

Syntax Description

clear	Clear all entries
queuing	Queuing related information
burst-detect	Out of Band micro-burst queue statistics
interface	(Optional) Interface
if_name	(Optional) interface name
queue	(Optional) Queue number for displaying statistics
queue_num	(Optional) Queue number
nir	(Optional) Network Insights Resources database
module	(Optional) Slot/module
module	(Optional) Slot/module number
fex	(Optional) FEX id
chassis-id	(Optional) FEX number

Command Mode

- /exec

clear queuing llfc-queue

clear queuing llfc-queue [interface <if_list>] [module <module>]

Syntax Description

clear	Clear
queuing	Queuing related information
llfc-queue	LLFC watchdog queuing related stats
interface	(Optional) Interface for clearing queuing stats
if_list	(Optional) List of interfaces
module	(Optional) Slot/module
module	(Optional) Slot/module number

Command Mode

- /exec

clear queuing pfc-queue

clear queuing pfc-queue [interface <if_list>]

Syntax Description

clear	Reset functions
queuing	clear queuing related counters
pfc-queue	clear watchdog timers
interface	(Optional) Interface
if_list	(Optional) List of interfaces

Command Mode

- /exec

clear queuing pfc-queue interface

clear queuing pfc-queue interface <if_list>

Syntax Description

clear	Reset functions
queuing	clear queuing related counters
pfc-queue	clear watchdog timers
interface	Interface
if_list	List of interfaces

Command Mode

- /exec

clear queuing tah-pfc-queue

clear queuing tah-pfc-queue [interface <if_list>] [module <module>]

Syntax Description

clear	Clear
queuing	Queuing related information
tah-pfc-queue	PFC watchdog queuing related stats
interface	(Optional) Interface for clearing queuing stats
if_list	(Optional) List of interfaces
module	(Optional) Slot/module
module	(Optional) Slot/module number

Command Mode

- /exec

clear radius-server statistics

clear radius-server statistics <host0> [__readonly__ { <server_state> [<clock_time> { monitoring_statistics <time_in_pstate> <ndead> <tt_in_dstate> }] } { { auth_statistics <auth_failed_transactions> <auth_succ_transactions> <auth_req_sent> <auth_req_timedout> <auth_resp_no_match> <auth_resp_not_processed> <auth_resp_error> } { acct_statistics <acct_failed_transactions> <acct_succ_transactions> <acct_req_sent> <acct_req_timedout> <acct_resp_no_match> <acct_resp_not_processed> <acct_resp_error> } }]

Syntax Description

clear	Reset functions
radius-server	Clear RADIUS related parameters
statistics	Clear RADIUS statistics
host0	DNS name or IP address
__readonly__	(Optional)
server_state	(Optional) Show state of server
clock_time	(Optional) Show clock time in terms of hours, minutes and seconds
monitoring_statistics	(Optional) Monitoring Statistics
time_in_pstate	(Optional) Time in previous state
ndead	(Optional) Number of times dead
tt_in_dstate	(Optional) Total time in dead state
auth_statistics	(Optional) Authentication Statistics
acct_statistics	(Optional) Accounting Statistics
auth_failed_transactions	(Optional) Authentication: Failed transactions
auth_succ_transactions	(Optional) Authentication: Successful transactions
auth_req_sent	(Optional) Authentication: Requests sent
auth_req_timedout	(Optional) Authentication: Requests timedout
auth_resp_no_match	(Optional) Authentication: Responses with no matching requests
auth_resp_not_processed	(Optional) Authentication: Responses not processed
auth_resp_error	(Optional) Authentication: Responses containing errors
acct_failed_transactions	(Optional) Accounting: Failed transactions
acct_succ_transactions	(Optional) Accounting: Successful transactions

acct_req_sent	(Optional) Accounting: Requests sent
acct_req_timedout	(Optional) Accounting: Requests timedout
acct_resp_no_match	(Optional) Accounting: Responses with no matching requests
acct_resp_not_processed	(Optional) Accounting: Responses not processed
acct_resp_error	(Optional) Accounting: Responses containing errors

Command Mode

- /exec

clear radius session

clear radius session

Syntax Description

clear	Reset functions
radius	clear to be commited RADIUS config and lock in fabric
session	clear to be commited RADIUS config and lock in fabric

Command Mode

- /exec

clear rmon

clear rmon { alarms | events | logs | hcalarms | all-alarms }

Syntax Description

clear	Reset functions
rmon	Clear RMON tables
alarms	Clear all 32 bit alarms
events	Clear rmon log this also clears rmon event table
logs	Clear rmon log
hcalarms	Clear all 64 bit rmon alarms
all-alarms	Clear all 32 bit and 64 bit rmon alarms

Command Mode

- /exec

clear route-map pbr-statistics

clear route-map { <route-map-name> | <route-map-cfg-name> } pbr-statistics

Syntax Description

clear	Reset functions
route-map	Route-map used for PBR
route-map-name	Route-map name
route-map-cfg-name	Known route-map name
pbr-statistics	Statistics for policy based routing

Command Mode

- /exec

clear routing ip multicast mfdm pending counters

clear routing ip multicast mfdm pending counters [vrf { <vrf-name> | <vrf-known-name> | all }]

Syntax Description

clear	Reset functions
routing	Clear routing information
ip	Clear IP commands
multicast	Clear MRIB information
mfdm	Clear MFDM information
pending	Clear MFDM pending information
counters	MFDM counters
vrf	(Optional) Display per-VRF information
vrf-name	(Optional) VRF name
vrf-known-name	(Optional) Known VRF name
all	(Optional) Display information for all VRFs

Command Mode

- /exec

clear routing ip multicast rpf-source retry-cache

clear routing ip multicast rpf-source retry-cache [vrf { <vrf-name> | <vrf-known-name> | all }]

Syntax Description

clear	Reset functions
routing	Clear routing information
ip	Clear IP commands
multicast	Clear MRIB information
rpf-source	Clear RPF-Source information
retry-cache	Clear retry-cache information
vrf	(Optional) Display per-VRF information
vrf-name	(Optional) VRF name
vrf-known-name	(Optional) Known VRF name
all	(Optional) Display information for all VRFs

Command Mode

- /exec

clear routing ipv6 multicast

clear routing ipv6 multicast { <all> | <group-prefix> | <group> [<source>] } [vrf { <vrf-name> | <vrf-known-name> | all }]

Syntax Description

clear	Reset functions
routing	Clear routing information
ipv6	Clear IPv6 commands
multicast	Clear multicast routing table
all	Clear all routes
vrf	(Optional) Clear information for particular VRF
vrf-name	(Optional) VRF name
vrf-known-name	(Optional) Known VRF name
all	(Optional) Display information for all VRFs

Command Mode

- /exec

clear routing ipv6 multicast mfdm pending counters

clear routing ipv6 multicast mfdm pending counters [vrf { <vrf-name> | <vrf-known-name> | all }]

Syntax Description

clear	Reset functions
routing	Clear routing information
ipv6	Clear IPv6 commands
multicast	Clear MRIB information
mfdm	Clear MFDM information
pending	Clear MFDM pending information
counters	MFDM counters
vrf	(Optional) Display per-VRF information
vrf-name	(Optional) VRF name
vrf-known-name	(Optional) Known VRF name
all	(Optional) Display information for all VRFs

Command Mode

- /exec

clear routing ipv6 multicast rpf-source retry-cache

clear routing ipv6 multicast rpf-source retry-cache [vrf { <vrf-name> | <vrf-known-name> | all }]

Syntax Description

clear	Reset functions
routing	Clear routing information
ipv6	Clear IPv6 commands
multicast	Clear MRIB information
rpf-source	Clear RPF-Source information
retry-cache	Clear retry-cache information
vrf	(Optional) Display per-VRF information
vrf-name	(Optional) VRF name
vrf-known-name	(Optional) Known VRF name
all	(Optional) Display information for all VRFs

Command Mode

- /exec

clear routing multicast

clear routing [ip | ipv4] multicast { <all> | <group-prefix> | <group> [<source>] } [vrf { <vrf-name> | <vrf-known-name> | all }]

Syntax Description

clear	Reset functions
routing	Clear routing information
ip	(Optional) Clear IP commands
ipv4	(Optional) Clear IP commands
multicast	Clear multicast routing table
all	Clear all routes
group-prefix	Clear all routes within the Group prefix
group	Clear all routes matching Group
source	(Optional) Clear a (S,G) route
vrf	(Optional) Clear information for particular VRF
vrf-name	(Optional) VRF name
vrf-known-name	(Optional) Known VRF name
all	(Optional) Display information for all VRFs

Command Mode

- /exec

clear rscn session vsan

clear rscn session vsan <i0>

Syntax Description

clear	Reset functions
session	clear RSCN session configuration
vsan	clear the RSCN session for a given VSAN
i0	VSAN id range

Command Mode

- /exec

clear rscn statistics vsan

clear rscn statistics vsan <i0>

Syntax Description

clear	Reset functions
statistics	clear RSCN statistics
vsan	clear statistics for given vsan
i0	VSAN id range

Command Mode

- /exec

clear scheduler logfile

clear scheduler logfile

Syntax Description

clear	Reset functions
scheduler	Scheduler clear commands
logfile	Clear scheduler log file

Command Mode

- /exec

clear screen

clear screen

Syntax Description

clear	Reset functions
screen	Clear screen

Command Mode

- /exec

clear session state name

clear session state name <s4>

Syntax Description

clear	Reset functions
session	Reset confg session internals
state	Reset confg session internal state
name	Reset confg session internal state for a given name
s4	Enter the name of the session

Command Mode

- /exec

clear sflow statistics

clear sflow statistics

Syntax Description

clear	Reset functions
sflow	sFlow global configuration
statistics	Clear sFlow statistics

Command Mode

- /exec

clear snmp counters

clear snmp counters

Syntax Description

clear	Reset functions
snmp	Clear SNMP Tables
counters	Clear SNMP counters

Command Mode

- /exec

clear snmp hostconfig

clear snmp hostconfig

Syntax Description

clear	Reset functions
snmp	Clear SNMP Tables
hostconfig	Clear SNMP Host List

Command Mode

- /exec

clear sockets statistics

clear sockets statistics { all | tcp | tcp6 | udp | udp6 | raw | raw6 }

Syntax Description

clear	Reset functions
sockets	Clear sockets statistics
statistics	Clear sockets statistics
all	Clear TCP/UDP/RAW v4/v6 statistics
tcp	Clear TCP v4 statistics
tcp6	Clear TCP v6 statistics
udp	Clear UDP v4 statistics
udp6	Clear UDP v6 statistics
raw	Clear RAW v4 statistics
raw6	Clear RAW v6 statistics

Command Mode

- /exec

clear spanning-tree counters

clear spanning-tree counters [interface <interface-id> | vlan <vlan-id> | bridge-domain <bd-id>]

Syntax Description

clear	Reset functions
spanning-tree	Spanning Tree Subsystem
counters	Clear spanning tree statistics
interface	(Optional) Specify an interface as a target for the command
interface-id	(Optional) Specify an interface as a target for the command
vlan	(Optional) VLAN Switch Spanning Trees
bridge-domain	(Optional) Bridge-Domain Switch Spanning Trees
vlan-id	(Optional) vlan range, Example: 1,3-5,7,9-11
bd-id	(Optional) Bridge-Domain range, Example: 2,4-5,7,9-11

Command Mode

- /exec

clear spanning-tree detected-protocols

clear spanning-tree detected-protocols [interface <interface-id>]

Syntax Description

clear	Reset functions
spanning-tree	Spanning Tree Subsystem
detected-protocols	Restart the protocol migration process
interface	(Optional) Specify an interface as a target for the command
interface-id	(Optional) Specify an interface as a target for the command

Command Mode

- /exec

clear spanning-tree sps-hist

clear spanning-tree sps-hist

Syntax Description

clear	Reset functions
spanning-tree	Spanning Tree Subsystem
sps-hist	Set port state stats

Command Mode

- /exec

clear srv6 sid counters

clear srv6 sid <ipv6-addr> counters

Syntax Description

clear	Reset functions
srv6	Segment Routing IPv6
sid	Segment IDentifier
counters	SID counters

Command Mode

- /exec

clear ssh hosts

clear ssh hosts

Syntax Description

clear	Reset functions
ssh	Clear ssh values
hosts	Clear the list of trusted ssh hosts

Command Mode

- /exec

clear statistics module-all

clear statistics module-all

Syntax Description

clear	Clear statistics
statistics	Stats
module-all	Clear stats of all modules

Command Mode

- /exec

clear statistics module

clear statistics module <module>

Syntax Description

clear	Clear statistics
statistics	Stats
module	Clear stats of a single module
module	Enter module number

Command Mode

- /exec

clear system login failures

clear system login failures

Syntax Description

clear	Reset functions
system	System management commands
login	Secure Login
failures	Clear login failures in the current watch period

Command Mode

- /exec

clear system reset-reason

clear system reset-reason

Syntax Description

clear	Reset functions
system	Clear logs in system
reset-reason	Clear reset-reason logs in the system

Command Mode

- /exec

clear tacacs-server statistics

clear tacacs-server statistics <host0> [__readonly__ { <server_state> [<clock_time> { monitoring_statistics <time_in_pstate> <ndead> <tt_in_dstate> }] } { auth_statistics <auth_failed_transactions> <auth_succ_transactions> <auth_req_sent> <auth_req_timedout> <auth_resp_no_match> <auth_resp_not_processed> <auth_resp_error> } { autho_statistics <autho_failed_transactions> <autho_succ_transactions> <autho_req_sent> <autho_req_timedout> <autho_resp_no_match> <autho_resp_not_processed> <autho_resp_error> } { acct_statistics <acct_failed_transactions> <acct_succ_transactions> <acct_req_sent> <acct_req_timedout> <acct_resp_no_match> <acct_resp_not_processed> <acct_resp_error> }]

Syntax Description

clear	Reset functions
tacacs-server	Clear TACACS related parameters
statistics	Clear TACACS statistics
host0	DNS name or IP address
__readonly__	(Optional)
server_state	(Optional) Show state of server
clock_time	(Optional) Show clock time in terms of hours, minutes and seconds
monitoring_statistics	(Optional) Monitoring Statistics
time_in_pstate	(Optional) Time in previous state
ndead	(Optional) Number of times dead
tt_in_dstate	(Optional) Total time in dead state
auth_statistics	(Optional) Authentication Statistics
autho_statistics	(Optional) Authorization Statistics
acct_statistics	(Optional) Accounting Statistics
auth_failed_transactions	(Optional) Authentication: Failed transactions
auth_succ_transactions	(Optional) Authentication: Successful transactions
auth_req_sent	(Optional) Authentication: Requests sent
auth_req_timedout	(Optional) Authentication: Requests timedout
auth_resp_no_match	(Optional) Authentication: Responses with no matching requests
auth_resp_not_processed	(Optional) Authentication: Responses not processed
auth_resp_error	(Optional) Authentication: Responses containing errors

autho_failed_transactions	(Optional) Authorization: Failed transactions
autho_succ_transactions	(Optional) Authorization: Successful transactions
autho_req_sent	(Optional) Authorization: Requests sent
autho_req_timedout	(Optional) Authorization: Requests timedout
autho_resp_no_match	(Optional) Authorization: Responses with no matching requests
autho_resp_not_processed	(Optional) Authorization: Responses not processed
autho_resp_error	(Optional) Authorization: Responses containing errors
acct_failed_transactions	(Optional) Accounting: Failed transactions
acct_succ_transactions	(Optional) Accounting: Successful transactions
acct_req_sent	(Optional) Accounting: Requests sent
acct_req_timedout	(Optional) Accounting: Requests timedout
acct_resp_no_match	(Optional) Accounting: Responses with no matching requests
acct_resp_not_processed	(Optional) Accounting: Responses not processed
acct_resp_error	(Optional) Accounting: Responses containing errors

Command Mode

- /exec

clear tech-support lock

clear tech-support lock

Syntax Description

clear	Reset functions
tech-support	Gather information for troubleshooting
lock	Clear the lock which prohibits multiple show techs to run in parallel

Command Mode

- /exec

clear tech-support lock

clear tech-support lock

Syntax Description

clear	Reset functions
tech-support	Gather information for troubleshooting
lock	Clear the lock which prohibits multiple show techs to run in parallel

Command Mode

- /exec

clear tunnel-encryption statistics

clear tunnel-encryption statistics [peer-ip <peer_ipaddress_v4>]

Syntax Description

clear	Reset functions
tunnel-encryption	Show Tunnel-Encryption Manager information
statistics	Show Tunnel-Encryption statistics
peer-ip	(Optional) Specify peer-address
peer_ipaddress_v4	(Optional) IP Address in format A.B.C.D

Command Mode

- /exec

clear upgrade history

clear upgrade history

Syntax Description

clear	Reset functions
upgrade	Show the upgrade history
history	Show the upgrade history of software and firmware

Command Mode

- /exec

clear user

clear user <s0>

Syntax Description

clear	Reset functions
user	Logout a particular user
s0	Enter the username

Command Mode

- /exec

clear veobc counters

clear veobc counters

Syntax Description

clear	Reset function
veobc	Reset the veobc counters
counters	Reset the veobc statistic counters to zero

Command Mode

- /exec

clear vlan access-list counters

clear vlan access-list counters [<name>]

Syntax Description

clear	Reset functions
vlan	Vlan commands
access-list	Clear access list statistical information
counters	Clear access list counters
name	(Optional) List name

Command Mode

- /exec

clear vlan counters

clear vlan [id <vlan-id>] counters

Syntax Description

clear	Reset functions
vlan	Vlan commands
id	(Optional) clear VLAN counters by VLAN id
vlan-id	(Optional) VLAN ID 1-4094 or range(s): 1-5, 10 or 2-5,7-19
counters	display counters

Command Mode

- /exec

clear vmtracker counters

clear vmtracker counters

Syntax Description

clear	Clear
vmtracker	Clear vmtracker info
counters	Clear vmtracker counter info

Command Mode

- /exec

clear vpc statistics all

clear vpc statistics all

Syntax Description

clear	Reset functions
vpc	Virtual Port Channel configuration
statistics	Statistics
all	All vPC statistics

Command Mode

- /exec

clear vpc statistics peer-keepalive

clear vpc statistics peer-keepalive

Syntax Description

clear	Reset functions
vpc	Virtual Port Channel configuration
statistics	Statistics
peer-keepalive	peer keepalive module related statistics

Command Mode

- /exec

clear vpc statistics vpc

clear vpc statistics { vpc <vpc_num> | peer-link }

Syntax Description

clear	Reset functions
vpc	Statistics for a specific vPC
statistics	Statistics
vpc_num	Virtual Port Channel number
peer-link	stats for peer-link

Command Mode

- /exec

clear vpc transport statistics

clear vpc transport statistics [__readonly__ <last-clear-time>]

Syntax Description

clear	Reset functions
vpc	Virtual Port Channel configuration
transport	cfs transport
statistics	Statistics
__readonly__	(Optional) Read Only
last-clear-time	(Optional) time difference from last clear time

Command Mode

- /exec/

clear vrrp statistics

clear vrrp statistics [interface <intf_num>] [vr <vr_id>]

Syntax Description

clear	Reset functions
vrrp	Clear virtual router
statistics	Clear global virtual router statistics
interface	(Optional) Select interface
intf_num	(Optional)
vr	(Optional) [1-255] clear virtual router statistics
vr_id	(Optional)

Command Mode

- /exec

clear vrrpv3 statistics

clear vrrpv3 statistics [<interface_num> [<group_num>]] [<opt_v4_or_v6>]

Syntax Description

clear	Reset functions
vrrpv3	VRRPv3 Clear commands
statistics	VRRPV3 statistics
interface_num	(Optional) Interface
group_num	(Optional) Group number
opt_v4_or_v6	(Optional) Enter ipv4 or ipv6

Command Mode

- /exec

clear vtp counters

clear vtp counters

Syntax Description

clear	Reset functions
vtp	Clear VTP items
counters	Clear VTP counters

Command Mode

- /exec

clear zone database vsan1

clear zone database vsan1 <i1>

Syntax Description

clear	Reset functions
database	Clears zone server database
vsan1	Clears zone server database on a VSAN
i1	VSAN id range

Command Mode

- /exec

clear zone lock vsan

clear zone lock vsan <i0>

Syntax Description

clear	Reset functions
lock	Clears zone server database lock
vsan	Clears zone server database lock on a VSAN
i0	VSAN id

Command Mode

- /exec

clear zone smart-zoning

clear zone smart-zoning { { vsan1 <vsan_id> } | { fcalias name <fcalias_name> vsan2 <vsan_id> | zone name1 <zone_name> vsan2 <vsan_id> | zoneset name2 <zs_name> vsan2 <vsan_id> } }

Syntax Description

clear	Reset functions
smart-zoning	Clears smart-zoning configurations
vsan1	Clear commands for a vsan
fcalias	Clear commands for a fcalias
name	Clear commands for a given fcalias
fcalias_name	Enter the fcalias name
zone	Clear commands for a zone
name1	Clear commands for a given zone
zone_name	Enter the zone name
zoneset	Clear commands for a zoneset
name2	Clear commands for a given zoneset
zs_name	Enter the zoneset name
vsan2	Enter the vsan
vsan_id	Enter the vsan

Command Mode

- /exec

clear zone statistics vsan

clear zone statistics vsan <i0>

Syntax Description

clear	Reset functions
statistics	Clears zone server statistics
vsan	Clears zone server statistics on a VSAN
i0	VSAN id range

Command Mode

- /exec

cli alias check strict

{ cli alias check { strict | loose } | no cli alias check }

Syntax Description

no	Negate a command or set its defaults
cli	Configure CLI commands
alias	Define an alias
check	Validate alias name against existing keyword
strict	Check for exact and partial match keyword
loose	Check for exact match only

Command Mode

- /exec/configure

cli alias name

{ cli alias name <s0> <line> | no cli alias name <s0> [<line>] }

Syntax Description

no	Negate a command or set its defaults
cli	Configure CLI commands
alias	Define an alias
name	Specify the alias
s0	Alias command
line	Alias definition

Command Mode

- /exec/configure

cli var name

{ cli var name <s0> <line> | no cli var name <s0> [<line>] }

Syntax Description

no	Negate a command or set its defaults
cli	Configure CLI commands
var	Define a variable
name	Specify a variable name
s0	Variable name
line	Variable value

Command Mode

- /exec/configure

cli var name

[no] cli var name <s0>

Syntax Description

no	Negate a command or set its defaults
cli	CLI commands
var	Unset a variable
name	Specify a variable name
s0	Variable name

Command Mode

- /exec

cli var name

cli var name <s0> <line>

Syntax Description

cli	CLI commands
var	Define a variable
name	Specify a variable name
s0	Variable name
line	Variable value

Command Mode

- /exec

client-to-client reflection

[no] client-to-client reflection

Syntax Description

no	(Optional) Negate a command or set its defaults
client-to-client	Configure client-to-client route reflection
reflection	reflection of routes permitted

Command Mode

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

client vrf management default

{ { [no] client <hostipname> { { vrf { management | default | <vrf_name> } [server-key { 0 <s0> | 7 <s1> | <s2> }] } | { server-key { 0 <s0> | 7 <s1> | <s2> } [vrf { management | default | <vrf_name> }] } } } | { no client <hostipname> } | { no client <hostipname> vrf } | { no client <hostipname> server-key } }

Syntax Description

no	(Optional) Negate a command or set its defaults
client	Specify a RADIUS client
hostipname	IPV4/IPV6 address or DNS name of RADIUS client
vrf	vrf to be used to contact RADIUS client
management	management vrf
default	default vrf
vrf_name	name of the vrf
server-key	(Optional) Encryption key shared with the radius client
0	(Optional) RADIUS shared secret(clear text)
s0	(Optional) RADIUS shared secret(clear text)
7	(Optional) RADIUS shared secret(encrypted)
s1	(Optional) RADIUS shared secret(encrypted)
s2	(Optional) RADIUS shared secret(clear text)(Max Size 63)

Command Mode

- /exec/configure/locsvr-da-radius

clock-interface sync

clock-interface sync <clk-interface>

Syntax Description

clock-interface	Clock-interface
sync	For Synchronization interfaces only
clk-interface	Enter clock interface: <slot-num>/<port-num>

Command Mode

- /exec/configure /exec/configure

clock-tolerance ntp oneway absolute

{ { no | default } clock-tolerance | clock-tolerance ntp oneway { absolute <abs-value> | percent <percentage> } }

Syntax Description

no	
clock-tolerance	ntp
default	Set a command to its defaults
clock-tolerance	Set acceptable clock synchronization error
ntp	Acceptable clock synchronization error due to NTP
oneway	Acceptable clock synchronization error in oneway measurement
absolute	Acceptable error in microseconds
percent	Acceptable error as percent of value measured
abs-value	Number in microseconds
percentage	Percentage of one-way delay

Command Mode

- /exec/configure/ip-sla/jitter

clock format 12

[no] clock format { 12-hours | 24-hours }

Syntax Description

no	(Optional) Negate a command or set its defaults
clock	Clock
format	Display format of clock
12-hours	12 hours display
24-hours	24 hours display

Command Mode

- /exec/configure

clock format show-timezone debug

[no] clock format show-timezone debug

Syntax Description

no	(Optional) Negate a command or set its defaults
clock	Clock
format	Display format of clock
show-timezone	Display the configured timezone
debug	Display the configured timezone in debugs

Command Mode

- /exec/configure

clock format show-timezone syslog

[no] clock format show-timezone syslog

Syntax Description

no	(Optional) Negate a command or set its defaults
clock	Clock
format	Display format of clock
show-timezone	Display the configured timezone
syslog	Display the configured timezone in syslogs

Command Mode

- /exec/configure

clock protocol

[no] clock protocol { ntp | ptp | none | gnss } [vdc <vdc-id>]

Syntax Description

no	(Optional) Negate a command or set its defaults
clock	Clock
protocol	Input source
ntp	Network Time Protocol (NTP)
ptp	Precision Time Protocol (PTP)
none	None (clock can be set manually)
gnss	Global Navigation Satellite System (GNSS)
vdc	(Optional) vdc
vdc-id	(Optional) vdc-id

Command Mode

- /exec/configure

clock set

clock set <s0> <i0> { April <i1> | August <i2> | December <i3> | February <i4> | January <i5> | July <i6> | June <i7> | March <i8> | May <i9> | November <i10> | October <i11> | September <i12> }

Syntax Description

clock	Clock
set	HH:MM:SS Current Time
s0	HH:MM:SS Current Time
i0	Day of the month
April	Month of the year
i1	Enter the year (no abbreviation)
August	Month of the year
i2	Enter the year (no abbreviation)
December	Month of the year
i3	Enter the year (no abbreviation)
February	Month of the year
i4	Enter the year (no abbreviation)
January	Month of the year
i5	enter the year (no abbreviation)
July	Month of the year
i6	Enter the year (no abbreviation)
June	Month of the year
i7	Enter the year (no abbreviation)
March	Month of the year
i8	Enter the year (no abbreviation)
May	Month of the year
i9	Enter the year (no abbreviation)
November	Month of the year
i10	Enter the year (no abbreviation)

October	Month of the year
i11	Enter the year (no abbreviation)
September	Month of the year
i12	Enter the year (no abbreviation)

Command Mode

- /exec

clock summer

{ clock { summer-time <s0> [<i0> <s1> <s2> <s3> <i1> <s4> <s5> <s6> [<i2>]] | timezone <s7> <i3> <i4> } | no clock { summer-time [<s0> <i0> <s1> <s2> <s3> <i1> <s4> <s5> <s6> <i2>] | timezone [<s7> <i3> <i4>] } }

Syntax Description

no	Negate a command or set its defaults
clock	Clock
summer-time	Configure summer (daylight savings) time
s0	Name of time zone in summer, such as PDT, CDT, EDT, etc..
i0	(Optional) Week number to start (first week=1, last week=5)
s1	(Optional) Weekday to start
s2	(Optional) Month to start
s3	(Optional) HH:MM Time to start
i1	(Optional) Week number to end (first week=1, last week=5)
s4	(Optional) Weekday to end
s5	(Optional) Month to end
s6	(Optional) HH:MM Time to end
i2	(Optional) Offset to add in minutes
timezone	Configure time zone
s7	Name of time zone, such as PST, MST, CST, EST, etc..
i3	Hours offset from UTC
i4	Minutes offset from UTC

Command Mode

- /exec/configure

close-connection fin

{ { no | default } close-connection fin | close-connection fin }

Syntax Description

no	
default	Set a command to its defaults
close-connection	Close the connection with FIN instead of RST flag
fin	FIN flag

Command Mode

- /exec/configure/ip-sla/tcp

cluster-id

[no] cluster-id { <ip-cluster-id> | <int-cluster-id> }

Syntax Description

no	(Optional) Negate a command or set its defaults
cluster-id	Configure Route Reflector Cluster-ID
ip-cluster-id	Cluster-id as an IP address
int-cluster-id	Cluster-id as a 32 bit quantity

Command Mode

- /exec/configure/router-bgp/vrf-cmds

cluster

[no] cluster <id> [description <desc>]

Syntax Description

no	(Optional) Negate a command or set its defaults
cluster	Cluster definition for node
id	Cluster ID
description	(Optional) Cluster description
desc	(Optional) Cluster description string

Command Mode

- /exec/configure/itd-dg-node /exec/configure/itd-session-dg-node

collect

[no] collect { egress buffer depth }

Syntax Description

collect	Stats type to be configured
egress	Egress counter
buffer	Buffer statistics
depth	Depth

Command Mode

- /exec/configure/config-ssx-record

collect

[no] collect { egress queue depth | egress queue drops | egress queue microburst | egress queue peak }

Syntax Description

collect	Stats type to be configured
egress	Egress counter
queue	Queue statistics
depth	Depth
drops	Drops
microburst	Microburst records
peak	Buffer peak counters

Command Mode

- /exec/configure/config-ssx-record

collect

[no] collect { egress pool-group depth }

Syntax Description

collect	Stats type to be configured
egress	Egress counter
pool-group	Pool-group statistics
depth	Depth

Command Mode

- /exec/configure/config-ssx-record

collect

[no] collect { ingress queue depth | ingress queue drops }

Syntax Description

collect	Stats type to be configured
ingress	Ingress counter
queue	Queue statistics
depth	Depth
drops	Drops

Command Mode

- /exec/configure/config-ssx-record

collect

[no] collect { ethernet counters }

Syntax Description

collect	Stats type to be configured
ethernet	Ethernet counter
counters	Ethernet counters

Command Mode

- /exec/configure/config-ssx-record

collect counter bytes

[no] collect counter { bytes | packets } [long]

Syntax Description

collect	Specify a non-key field
counter	Counters to collect
bytes	Total number of bytes
packets	Total number of packets
long	(Optional) Long counter (64 bits)

Command Mode

- /exec/configure/analytics/record

collect counter bytes

[no] collect counter { bytes | packets } [long]

Syntax Description

collect	Specify a non-key field
counter	Counters to collect
bytes	Total number of bytes
packets	Total number of packets
long	(Optional) Long counter (64 bits)

Command Mode

- /exec/configure/nfm-record

collect counter bytes

[no] collect counter { bytes | packets } [long]

Syntax Description

collect	Specify a non-key field
counter	Counters to collect
bytes	Total number of bytes
packets	Total number of packets
long	(Optional) Long counter (64 bits)

Command Mode

- /exec/configure/nfm-record

collect interval

[no] collect interval <interval>

Syntax Description

collect	Specify the collect interval
interval	Specify the collect interval
interval	Collect interval in milli seconds

Command Mode

- /exec/configure/analytics/profile

collect interval

[no] collect interval <interval>

Syntax Description

collect	Specify the collect interval
interval	Specify the collect interval
interval	Collect interval in milli seconds

Command Mode

- /exec/configure/nfm-profile

collect ip version

[no] collect ip version

Syntax Description

collect	Specify a non-key field
ip	IP attributes
version	IPv4 or IPv6

Command Mode

- /exec/configure/nfm-record

collect timestamp sys-uptime first

[no] collect timestamp sys-uptime { first | last }

Syntax Description

collect	Specify a non-key field
timestamp	Timestamp fields
sys-uptime	System uptime
first	Time the first packet was seen
last	Time the most recent packet was seen

Command Mode

- /exec/configure/analytics/record

collect timestamp sys-uptime first

[no] collect timestamp sys-uptime { first | last }

Syntax Description

collect	Specify a non-key field
timestamp	Timestamp fields
sys-uptime	System uptime
first	Time the first packet was seen
last	Time the most recent packet was seen

Command Mode

- /exec/configure/nfm-record

collect timestamp sys-uptime first

[no] collect timestamp sys-uptime { first | last }

Syntax Description

collect	Specify a non-key field
timestamp	Timestamp fields
sys-uptime	System uptime
first	Time the first packet was seen
last	Time the most recent packet was seen

Command Mode

- /exec/configure/nfm-record

collect transport tcp flags

[no] collect transport tcp flags

Syntax Description

collect	Specify a non-key field
transport	Transport layer fields
tcp	TCP layer fields
flags	TCP flags

Command Mode

- /exec/configure/nfm-record

collect transport tcp flags

[no] collect transport tcp flags

Syntax Description

collect	Specify a non-key field
transport	Transport layer fields
tcp	TCP layer fields
flags	TCP flags

Command Mode

- /exec/configure/nfm-record

collect transport tcp flags

[no] collect transport tcp flags

Syntax Description

collect	Specify a non-key field
transport	Transport layer fields
tcp	TCP layer fields
flags	TCP flags

Command Mode

- /exec/configure/analytics/record

collector

[no] collector <collectorname>

Syntax Description

collector	Add a collector
collectorname	Name of collector

Command Mode

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

collector

[no] collector <collectorname>

Syntax Description

collector	Add a collector
collectorname	Name of collector

Command Mode

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

collector

[no] collector <collectorname>

Syntax Description

collector	Add a collector
collectorname	Name of collector

Command Mode

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

color

[no] color <color-name>

Syntax Description

no	(Optional) Negate a command or set its defaults
color	Configure Affinity Colors for constraints
color-name	Configure Affinity Colors for constraints

Command Mode

- /exec/configure/sr/te/pol/cndpaths/pref/constraint/aff/inclall

color

[no] color <color-name>

Syntax Description

no	(Optional) Negate a command or set its defaults
color	Configure Affinity Colors for constraints
color-name	Configure Affinity Colors for constraints

Command Mode

- /exec/configure/sr/te/color/cndpaths/pref/constraint/aff/inclall

color

[no] color <color-name>

Syntax Description

no	(Optional) Negate a command or set its defaults
color	Configure Affinity Colors for constraints
color-name	Configure Affinity Colors for constraints

Command Mode

- /exec/configure/sr/te/color/cndpaths/pref/constraint/aff/inclany

color

[no] color <color-name>

Syntax Description

no	(Optional) Negate a command or set its defaults
color	Configure Affinity Colors for constraints
color-name	Configure Affinity Colors for constraints

Command Mode

- /exec/configure/sr/te/color/cndpaths/pref/constraint/aff/exclany

color

[no] color <color-name>

Syntax Description

no	(Optional) Negate a command or set its defaults
color	Configure Affinity Colors for constraints
color-name	Configure Affinity Colors for constraints

Command Mode

- /exec/configure/sr/te/pol/cndpaths/pref/constraint/aff/inclany

color

[no] color <color-name>

Syntax Description

no	(Optional) Negate a command or set its defaults
color	Configure Affinity Colors for constraints
color-name	Configure Affinity Colors for constraints

Command Mode

- /exec/configure/sr/te/pol/cndpaths/pref/constraint/aff/exclany

color

{ no color <color_name> } | { color <color_name> bit-position <position> }

Syntax Description

no	Negate a command or set its defaults
color	Color
color_name	Color
bit-position	Bit Position
position	Bit Position<0-31>

Command Mode

- /exec/configure/sr/te/affmap

color

{ no color <color_name> } | { color <color_name> }

Syntax Description

no	Negate a command or set its defaults
color	Specify the affinity color for the interface
color_name	Specify the affinity color name

Command Mode

- /exec/configure/sr/te/if/aff

color endpoint

[no] color <color> endpoint { <pfx> | <ipv6-addr> }

Syntax Description

no	(Optional) Negate a command or set its defaults
color	Policy Color
color	Policy Color
endpoint	Policy Endpoint
pfx	IPv4 endpoint address

Command Mode

- /exec/configure/sr/te/pol

commit

commit

Syntax Description

commit	commit epbr session

Command Mode

- /exec/configure/epbr-sess

commit

commit [confirmed <commit-timer>]

Syntax Description

commit	Commit the current configuration session
confirmed	(Optional) Rollback this commit unless there is a confirming commit
commit-timer	(Optional) Seconds until rollback unless there is a confirming commit

Command Mode

- /exec/configure

commit

commit

Syntax Description

commit	Commit the current configuration session

Command Mode

- /exec/configure

commit

commit

Syntax Description

commit	commit itd session

Command Mode

- /exec/configure/itd-session-device-group

commit verbose

commit verbose

Syntax Description

commit	Commit the current configuration session
verbose	Commit the current configuration session with more details

Command Mode

- /exec/configure

conf-offset

[no] conf-offset <offset>

Syntax Description

conf-offset	Configure Confidentiality offset
offset	Confidentiality offset options

Command Mode

- /exec/configure/macsec-policy

confederation identifier

[no] confederation identifier <confed-id>

Syntax Description

no	(Optional) Negate a command or set its defaults
confederation	AS confederation parameters
identifier	Set routing domain confederation AS
confed-id	AS number

Command Mode

- /exec/configure/router-bgp/vrf-cmds

confederation peers

[no] confederation peers <confed-id>

Syntax Description

no	(Optional) Negate a command or set its defaults
confederation	AS confederation parameters
peers	Peer ASs in BGP confederation
confed-id	AS number

Command Mode

- /exec/configure/router-bgp/vrf-cmds

configure

configure [terminal]

Syntax Description

configure	Enter configuration mode
terminal	(Optional) Configure the system from terminal input

Command Mode

- /exec

configure dual-stage

configure dual-stage

Syntax Description

configure	Enter configuration mode
dual-stage	2 stage mode

Command Mode

- /exec

configure maintenance profile normal

[no] configure maintenance profile { normal-mode | maintenance-mode }

Syntax Description

no	(Optional) Negate a command or set its defaults
configure	Enter configuration mode
maintenance	maintenance profile mode
profile	maintenance profile
normal-mode	Normal mode profile
maintenance-mode	Maintenance mode profile

Command Mode

- /exec

configure profile

[no] configure profile <all_conf_profile_name> [type admin]

Syntax Description

no	(Optional) Negate a command or set its defaults
configure	Enter configuration mode
profile	Configure profile
all_conf_profile_name	Enter the name of the configure profile
type	(Optional) config profile type
admin	(Optional) config profile admin type

Command Mode

- /exec

configure replace

configure replace { <uri_local> | <uri_remote> [source-interface <intf> | vrf <vrf-known-name>] } [[[verbose] [debug | stop-at-first-failure | best-effort] [commit-timeout <time>] [non-interactive] [verify-and-commit]] + | [show-patch | verify-only] | [[verbose] [on-failure reload [save-startup-cfg]] [commit-timeout <time>] [non-interactive] [verify-and-commit]] +]

Syntax Description

configure	Configure the box
replace	Perform a replace of the running-config
uri_local	Configuration file to use. The user-config is a file that is expected to be in the same syntax/format as running-config. Recommended work flow is to take the running-config and edit it to create the user-config. When the user-config is edited, ensure it is in the same syntax/format as it appears in the running config. Refer to the documentation for details.
uri_remote	Configuration file to use. The user-config is a file that is expected to be in the same syntax/format as running-config. Recommended work flow is to take the running-config and edit it to create the user-config. When the user-config is edited, ensure it is in the same syntax/format as it appears in the running config. Refer to the documentation for details.
source-interface	(Optional) Select source interface
intf	(Optional)
vrf	(Optional) Display per-VRF information
verbose	(Optional) Show the logs of operation
show-patch	(Optional) Show the patch to be applied
debug	THIS KEYWORD OR VARIABLE IS NOT SUPPORTED
stop-at-first-failure	THIS KEYWORD OR VARIABLE IS NOT SUPPORTED
commit-timeout	(Optional) specify config replace commit timeout value
time	(Optional) Timeout in seconds
non-interactive	(Optional) No user prompt in maintenance mode
verify-only	(Optional) performing semantic check on patch
verify-and-commit	(Optional) Performing semantic check on patch and execute it
best-effort	(Optional) apply patch in best-effort mode. skip intermediate errors
vrf-known-name	(Optional) Known VRF name
on-failure	(Optional) On rollback failure

reload	(Optional) On rollback failure, reload the switch
save-startup-cfg	(Optional) Do copy r s when configure replace starts

Command Mode

- /exec

configure replace abort

configure replace abort

Syntax Description

configure	Configure the box
replace	Perform a replace of the running-config
abort	Aborting config replace operation

Command Mode

- /exec

configure replace commit

configure replace commit

Syntax Description

configure	Configure the box
replace	Perform a replace of the running-config
commit	Commit config replace operation

Command Mode

- /exec

configure session

configure session <s0>

Syntax Description

configure	Enter configuration mode
session	Configure the system in a session
s0	Enter the name of the session

Command Mode

- /exec

configure sync

configure sync

Syntax Description

configure	Enter configuration mode
sync	Configure the system in config-sync mode

Command Mode

- /exec

congestion-control dctcp ecn-threshold bytes

[no] congestion-control dctcp ecn-threshold <threshold> { bytes }

Syntax Description

no	(Optional) Negate a command or set its defaults
congestion-control	Congestion Control Protocol
dctcp	Data Center TCP
ecn-threshold	Explicit Congestion Notification - threshold
threshold	Threshold in bytes
bytes	Bytes

Command Mode

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

congestion-control ecn

[no] congestion-control ecn

Syntax Description

no	(Optional) Negate a command or set its defaults
congestion-control	Congestion Control Protocol
ecn	Enable ECN protocol

Command Mode

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

congestion-control random-detect

[no] congestion-control random-detect { [threshold { burst-optimized | mesh-optimized }] | { minimum-threshold <min-thresh> [packets | bytes | kbytes | mbytes] maximum-threshold <max-thresh> [packets1 | bytes1 | kbytes1 | mbytes1] drop-probability <drop-prob> } } { [ecn] }

Syntax Description

no	(Optional) Negate a command or set its defaults
congestion-control	Congestion Control Protocol
random-detect	Enable WRED protocol
threshold	(Optional) Threshold
minimum-threshold	Minimum Threshold
maximum-threshold	Maximum Threshold
burst-optimized	(Optional) Threshold optimized for bursty traffic
mesh-optimized	(Optional) Threshold optimized for mesh traffic
drop-probability	Drop Probability at Maximum Threshold
drop-prob	Drop Probability Value
packets	THIS KEYWORD OR VARIABLE IS NOT SUPPORTED
bytes	(Optional) Bytes
kbytes	(Optional) Kilo Bytes
mbytes	(Optional) Mega Bytes
packets1	THIS KEYWORD OR VARIABLE IS NOT SUPPORTED
bytes1	(Optional) Bytes
kbytes1	(Optional) Kilo Bytes
mbytes1	(Optional) Mega Bytes
ecn	(Optional) Explicit Congestion Notification

Command Mode

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

congestion-control random-detect forward-nonecn

[no] congestion-control random-detect forward-nonecn

Syntax Description

no	(Optional) Negate the command
congestion-control	Congestion control protocol
random-detect	Enable WRED protocol
forward-nonecn	Forward non ECN capable traffic without WRED dropping

Command Mode

- /exec/configure

congestion-control random-detect global-buffer minimum-threshold maximum-threshold

[no] congestion-control random-detect global-buffer minimum-threshold { <min-thresh> [packets | bytes | kbytes | mbytes] } maximum-threshold { <max-thresh> [packets1 | bytes1 | kbytes1 | mbytes1] }

Syntax Description

no	(Optional) Negate the command
congestion-control	Congestion control protocol
random-detect	Enable WRED protocol
global-buffer	global buffer threshold
minimum-threshold	Specify minimum threshold for WRED
min-thresh	Minimum threshold value
maximum-threshold	Specify maximum threshold for WRED
max-thresh	Maximum threshold value
packets	(Optional) Packets
bytes	(Optional) Bytes
kbytes	(Optional) Kilo bytes
mbytes	(Optional) Mega bytes
packets1	(Optional) Packets
bytes1	(Optional) Bytes
kbytes1	(Optional) Kilo Bytes
mbytes1	(Optional) Mega Bytes

Command Mode

- /exec/configure

congestion-control tail-drop

[no] congestion-control tail-drop [threshold { burst-optimized | mesh-optimized }]

Syntax Description

no	(Optional) Negate a command or set its defaults
congestion-control	Congestion Control Protocol
tail-drop	Enable Tail-Drop
threshold	(Optional) Threshold
burst-optimized	(Optional) Threshold optimized for bursty traffic
mesh-optimized	(Optional) Threshold optimized for mesh traffic

Command Mode

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

connect

[no] connect

Syntax Description

no	(Optional) Negate a command or set its defaults
connect	Connect to remote host

Command Mode

- /exec/configure/vmt-conn

connected-prefix-sid-map

[no] connected-prefix-sid-map

Syntax Description

no	(Optional) Negate a command or set its defaults
connected-prefix-sid-map	Configure connected prefix Segment Identifier mappings

Command Mode

- /exec/configure/config-sr-mpls

constellation

[no] constellation <constellation>

Syntax Description

no	(Optional) Negate a command or set its defaults
constellation	Select the constellation
constellation	constellation

Command Mode

- /exec/configure/gnss-if

constraints

[no] constraints

Syntax Description

no	(Optional) Negate a command or set its defaults
constraints	Candidate path-option constraints

Command Mode

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

constraints

[no] constraints

Syntax Description

no	(Optional) Negate a command or set its defaults
constraints	Candidate path-option constraints

Command Mode

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

continue

{ continue <value> } | { no continue [<value>] }

Syntax Description

no	Negate a command or set its defaults
continue	Continue on a different entry within the route-map
value	Route-map entry sequence number

Command Mode

- /exec/configure/route-map

contract-id

{ contract-id <s0> | no contract-id }

Syntax Description

no	Negate a command or set its defaults
contract-id	Service contract id of the customer
s0	Provide contract number (as specified in the service agreement)

Command Mode

- /exec/configure/callhome

control-plane

control-plane

Syntax Description

control-plane	Enter to control-plane sub-mode

Command Mode

- /exec/configure

control-plane dynamic

control-plane dynamic

Syntax Description

control-plane	Enter to control-plane sub-mode
dynamic	dynamic mode

Command Mode

- /exec/configure

control-word

[no] control-word

Syntax Description

no	(Optional) Negate a command or set its defaults
control-word	MPLS CONTROL WORD

Command Mode

- /exec/configure/nve-encap

controller-credentials username password 0

[no] controller-credentials username <user> password { 0 <clear> | 7 <encrypted> }

Syntax Description

no	(Optional) Negate a command or set its defaults
controller-credentials	NBM Controller login credentials
username	User ID
user	Enter user ID
password	Password
0	Password that follows should be in clear text
clear	Password in clear text
7	Password that follows should be encrypted text
encrypted	Encrypted password

Command Mode

- /exec/configure/nbm-controller

controller ip vrf

[no] controller ip <cntlr-ip> vrf { <vrf-name> | <vrf-known-name> }

Syntax Description

no	(Optional) Negate a command or set its defaults
controller	Controller
ip	IP Address
cntlr-ip	IP Address of Controller
vrf	vrf context
vrf-name	VRF name
vrf-known-name	Known VRF name

Command Mode

- /exec/configure/nbm-controller

controller ipv4

[no] controller ipv4 <ipv4> [port <tcpport>] [vrf <vrf-name>] [security { none | tls }]

Syntax Description

no	(Optional) Negate a command or set its defaults
controller	OpenFlow controller to use
ipv4	Controller ipv4 address (A.B.C.D)
ipv4	IP address (A.B.C.D)
port	(Optional) Controller TCP port (default is 6653)
tcpport	(Optional) TCP port number (default port is 6653)
vrf	(Optional) Controller VRF
vrf-name	(Optional) VRF name
security	(Optional) Set security protocol
none	(Optional) Disable security protocol
tls	(Optional) Enable security protocol

Command Mode

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

controller ipv4

[no] controller ipv4 <ipv4> [port <tcpport>] [vrf <vrf-name>] [security { none | tls }]

Syntax Description

no	(Optional) Negate a command or set its defaults
controller	OpenFlow controller to use
ipv4	Controller ipv4 address (A.B.C.D)
ipv4	IP address (A.B.C.D)
port	(Optional) Controller TCP port (default is 6653)
tcpport	(Optional) TCP port number (default port is 6653)
vrf	(Optional) Controller VRF
vrf-name	(Optional) VRF name
security	(Optional) Set security protocol
none	(Optional) Disable security protocol
tls	(Optional) Enable security protocol

Command Mode

- /exec/configure/openflow/switch

copp copy profile prefix

copp copy profile <profile_type> { prefix | suffix } <user_string>

Syntax Description

copp	Control-Plane Policing
copy	Make a copy of the CoPP Profile
profile	CoPP Profile
profile_type	CoPP Profile Types
prefix	prefix for the copied policy
suffix	suffix for the copied policy
user_string	Enter prefix/suffix for the copied policy

Command Mode

- /exec

copp profile

copp profile <profile_type>

Syntax Description

copp	Control-Plane Policing
profile	CoPP Profile
profile_type	CoPP Profile Types

Command Mode

- /exec/configure

copp profile

[no] copp profile [<profile_type>]

Syntax Description

no	Negate a command or set its defaults
copp	Control-Plane Policing
profile	CoPP Profile
profile_type	(Optional) CoPP Profile Types

Command Mode

- /exec/configure

copp rate-limit disable

[no] copp rate-limit disable

Syntax Description

no	(Optional) Negate a command or set its defaults
copp	copp
rate-limit	rate-limit
disable	Disable rate-limit on CoPP queues

Command Mode

- /exec/configure

copy

copy { { <src_local> { <dest_remote> [source-interface <intf> | vrf <vrf-known-name>] } } | { <src_remote> { <dest_local> [compact] | running-config [echo-commands] [stop-at-first-failure] | startup-config } } [source-interface <intf> | vrf <vrf-known-name>] | { <src_core> { <dest_remote> [source-interface <intf> | vrf <vrf-known-name>] } } | { running-config-src { <dest_remote> [source-interface <intf> | vrf <vrf-known-name>] } } | { startup-config-src { <dest_remote> [source-interface <intf> | vrf <vrf-known-name>] } } }

Syntax Description

Syntax Description

copy	Copy from one file to another
src_local	Select source filesystem
src_core	Select source filesystem
dest_local	Select destination filesystem
dest_remote	Select destination filesystem
src_remote	Select source filesystem
vrf	(Optional) Display per-VRF information
source-interface	(Optional) Select source interface
intf	(Optional)
vrf-known-name	(Optional) Known VRF name
compact	(Optional) Compacting NXOS NBI image using scp
running-config	Copy from source to running configuration
running-config-src	Copy running configuration to destination
startup-config	Copy from source to startup configuration
startup-config-src	Copy startup configuration to destination
echo-commands	(Optional) Echo the commands before applying them (to correlate errors)
stop-at-first-failure	(Optional) Stop at first error

Command Mode

- /exec

Usage Guidelines

Note When a source or destination URI contains a reserved character such as '!' or '#', the reserved character must be entered as its percent-encoded ascii value, as described in RFC 3986. For example, the URI `!pa##word@example.com` must be entered as `%21pa%23%23word@example.com`. In this example, the reserved characters '!' (ascii 0x21) and '#' (ascii 0x23) are represented as '%21' and '%23'.

copy

copy { { <src_local> { <dest_local> | running-config [echo-commands] [stop-at-first-failure] | startup-config | scheduled-config } } | { <src_core> <dest_local_core> } | { running-config-src { startup-config [fabric] | <dest_local_config> } } | { startup-config-src { running-config [echo-commands] [stop-at-first-failure] | <dest_local_config> } } | { switch-profile-cfg <dest_local_config> } }

Syntax Description

Syntax Description

copy	Copy from one file to another
src_local	Select source filesystem
src_core	Select source filesystem
dest_local	Select destination filesystem
dest_local_core	Select destination filesystem
dest_local_config	Select destination filesystem
running-config	Copy from source to running configuration
running-config-src	Copy running configuration to destination
startup-config	Copy from source to startup configuration
startup-config-src	Copy startup configuration to destination
scheduled-config	Schedule configuration at the specified source to be applied at next switch reload
switch-profile-cfg	Copy switch profile running configuration to destination
echo-commands	(Optional) Echo the commands before applying them (to correlate errors)
stop-at-first-failure	(Optional) Stop at first error
fabric	(Optional) Copy from source to fabric startup configuration

Command Mode

- /exec

Usage Guidelines

Note When a source or destination URI contains a reserved character such as '!' or '#', the reserved character must be entered as its percent-encoded ascii value, as described in RFC 3986. For example, the URI `!pa##word@example.com` must be entered as `%21pa%23%23word@example.com`. In this example, the reserved characters '!' (ascii 0x21) and '#' (ascii 0x23) are represented as '%21' and '%23'.

copy licenses

copy licenses <uri0>

Syntax Description

copy	Copy from one file to another
licenses	Backup license files
uri0	Specify URL (with .tar extension) for backing up license files

Command Mode

- /exec

copy licenses

copy licenses <uri0>

Syntax Description

copy	Copy from one file to another
licenses	Backup license files
uri0	Specify URL (with .tar extension) for backing up license files

Command Mode

- /exec

copy recursive

copy <source> <destination> recursive [vrf <vrf-known-name>]

Syntax Description

Syntax Description

copy	Copy from one file to another
recursive	Recursively copy files and folders
source	Select source filesystem
destination	Select destination filesystem
vrf	(Optional) Display per-VRF information
vrf-known-name	(Optional) Known VRF name

Command Mode

- /exec

Usage Guidelines

Note When a source or destination URI contains a reserved character such as '!' or '#', the reserved character must be entered as its percent-encoded ascii value, as described in RFC 3986. For example, the URI `!pa##word@example.com` must be entered as `%21pa%23%23word@example.com`. In this example, the reserved characters '!' (ascii 0x21) and '#' (ascii 0x23) are represented as '%21' and '%23'.

copy running vdc-all

copy { running-config-src { <dest_remote> [source-interface <intf> | vrf <vrf-known-name>] } | startup-config-src { <dest_remote> [source-interface <intf> | vrf <vrf-known-name>] } } vdc-all

Syntax Description

Syntax Description

copy	Copy from one file to another
dest_remote	Select destination filesystem
vrf	(Optional) Display per-VRF information
vrf-known-name	(Optional) Known VRF name
source-interface	(Optional) Select source interface
intf	(Optional)
running-config-src	Copy running configuration to destination
startup-config-src	Copy startup configuration to destination
vdc-all	Perform copy for all vdcs

Command Mode

- /exec

Usage Guidelines

Note When a source or destination URI contains a reserved character such as '!' or '#', the reserved character must be entered as its percent-encoded ascii value, as described in RFC 3986. For example, the URI `!pa##word@example.com` must be entered as `%21pa%23%23word@example.com`. In this example, the reserved characters '!' (ascii 0x21) and '#' (ascii 0x23) are represented as '%21' and '%23'.

copy vdc-all

copy { running-config-src { startup-config | <dest_local_config> } | startup-config-src { running-config | <dest_local_config> } } vdc-all

Syntax Description

Syntax Description

copy	Copy from one file to another
dest_local_config	Select destination filesystem
running-config-src	Copy running configuration to destination
startup-config	Copy from source to startup configuration
running-config	Copy from source to running configuration
startup-config-src	Copy startup configuration to destination
vdc-all	Perform copy for all vdcs

Command Mode

- /exec

Usage Guidelines

Note When a source or destination URI contains a reserved character such as '!' or '#', the reserved character must be entered as its percent-encoded ascii value, as described in RFC 3986. For example, the URI `!pa##word@example.com` must be entered as `%21pa%23%23word@example.com`. In this example, the reserved characters '!' (ascii 0x21) and '#' (ascii 0x23) are represented as '%21' and '%23'.

cost

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

Syntax Description

no	Negate a command or set its defaults
cost	Cost associated with interface
cost	Cost value

Command Mode

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

count

| count

Syntax Description

|	Pipe command output to filter
count	Count number of lines

Command Mode

- /output

count

[no] count <cap-count>

Syntax Description

no	(Optional) Negate the command
count	Configure Captured Transactions count
cap-count	Number of Captured Transactions

Command Mode

- /exec/configure/pkt-drop

cpu

{ cpu <cpu-units> | no cpu [<cpu-units>] }

Syntax Description

no	Negate a command or set its defaults
cpu	Application CPU units/share quota
cpu-units	Application CPU units/share quota

Command Mode

- /exec/configure/app-hosting-resource-profile-custom

crypto ca authenticate

[no] crypto ca authenticate <s0> [accept] [pemfile <uri0>]

Syntax Description

no	(Optional) Negate a command or set its defaults
crypto	Set crypto settings
ca	Configure certificate authority related information
authenticate	Authenticate the certificate authority certificate
s0	trustpoint label
accept	THIS KEYWORD OR VARIABLE IS NOT SUPPORTED
pemfile	(Optional) ca certificate chain in pem format
uri0	(Optional) source file url

Command Mode

- /exec/configure

crypto ca crl request

[no] crypto ca crl request <s0> <uri0>

Syntax Description

no	(Optional) Negate a command or set its defaults
crypto	Set crypto settings
ca	Configure certificate authority related information
crl	import certificate revocation list
request	import certificate revocation list
s0	trustpoint label
uri0	Specify source file name

Command Mode

- /exec/configure

crypto ca enroll

[no] crypto ca enroll <s0>

Syntax Description

no	(Optional) Negate a command or set its defaults
crypto	Set crypto settings
ca	Configure certificate authority related information
enroll	Create certificate request
s0	trustpoint label

Command Mode

- /exec/configure

crypto ca export pkcs12

[no] crypto ca export <s0> pkcs12 <uri0> <s1>

Syntax Description

no	(Optional) Negate a command or set its defaults
crypto	Set crypto settings
ca	Configure certificate authority related information
export	export rsa private key and certificates in pkcs#12
s0	trustpoint label
pkcs12	destination file url
uri0	Specify destination file name
s1	passphrase to encrypt the private key

Command Mode

- /exec/configure

crypto ca import certificate

[no] crypto ca import <s0> certificate

Syntax Description

no	(Optional) Negate a command or set its defaults
crypto	Set crypto settings
ca	Configure certificate authority related information
import	import the certificate or key
s0	trustpoint label
certificate	import the certificate

Command Mode

- /exec/configure

crypto ca import pkcs12

crypto ca import <s0> pkcs12 <uri0> <s1>

Syntax Description

crypto	Set crypto settings
ca	Configure certificate authority related information
import	import the certificate or key
s0	trustpoint label
pkcs12	source file url
uri0	source file url
s1	passphrase to decrypt the private key

Command Mode

- /exec/configure

crypto ca import pkcs7

crypto ca import <s0> pkcs7 <uri0>

Syntax Description

crypto	Set crypto settings
ca	Configure certificate authority related information
import	import the certificate or key
s0	trustpoint baselabel
pkcs7	source file url
uri0	source file url

Command Mode

- /exec/configure

crypto ca lookup

[no] crypto ca lookup { remote | local | both }

Syntax Description

no	(Optional) Negate a command or set its defaults
crypto	Set crypto settings
ca	Configure certificate authority related information
lookup	Choose the certstore for authentication
remote	Use remote certstore
local	Use local certstore
both	Use both local and remote certstore

Command Mode

- /exec/configure

crypto ca remote ldap

[no] crypto ca remote ldap { server-group <s0> | [crl-refresh-time <i0>] }

Syntax Description

no	(Optional) Negate a command or set its defaults
crypto	Set crypto settings
ca	Configure certificate authority related information
remote	Use ca from remote certstore
ldap	Ldap certstore
crl-refresh-time	(Optional) Configure refresh-time to fetch crl from remote certstore
i0	(Optional) Refresh time value in hours. A value of 0 will now run the refresh routine once.
server-group	Ldap server group
s0	Ldap server group name

Command Mode

- /exec/configure

crypto ca trustpoint

[no] crypto ca trustpoint <s0>

Syntax Description

no	(Optional) Negate a command or set its defaults
crypto	Set crypto settings
ca	Configure certificate authority related information
trustpoint	Configure trustpoint certificate authority
s0	trustpoint label

Command Mode

- /exec/configure

crypto ca trustpool import url

crypto ca trustpool import url <source_uri>

Syntax Description

crypto	Set crypto settings
ca	Configure certificate authority related information
trustpool	Configure trustpool related information
import	Configure import of trustpool
url	Configure URL from which trustpool will be imported
source_uri	Select source URL

Command Mode

- /exec

crypto ca trustpool import url clean

crypto ca trustpool import url clean

Syntax Description

crypto	Set crypto settings
ca	Configure certificate authority related information
trustpool	Configure trustpool related information
import	Configure import of trustpool
url	URL from which trustpool will be imported
clean	delete the contents of the trustpool

Command Mode

- /exec

crypto ca trustpool policy

crypto ca trustpool policy

Syntax Description

crypto	Set crypto settings
ca	Configure certificate authority related information
trustpool	Configure trustpool related information
policy	Configure trustpool policy

Command Mode

- /exec/configure

crypto cert ssh-authorize

[no] crypto cert ssh-authorize [<s0> map <s1> [<s2>] | default map <s3>]

Syntax Description

no	(Optional) Negate a command or set its defaults
crypto	Configure crypto settings
cert	Configure certificate maping filter settings
ssh-authorize	Configure mapping filter for ssh
s0	(Optional) Issuer name of the certificate
map	(Optional) Mapping filter to be applied
s1	(Optional) Name of the mapping filter which is already configured
s2	(Optional) Name of the mapping filter which is already configured
default	(Optional) Default map for ssh authorization
s3	(Optional) Name of the default mapping filter which is already configured

Command Mode

- /exec/configure

crypto certificatemap mapname

[no] crypto certificatemap mapname <s0>

Syntax Description

no	(Optional) Negate a command or set its defaults
crypto	Set crypto settings
certificatemap	Configure certificatemap filters
mapname	Create a new filter map
s0	Name of the filter map

Command Mode

- /exec/configure

crypto key generate rsa

[no] crypto key generate rsa [{ [exportable] [modulus <i0>] | [label <s0>] [[exportable] [modulus1 <i1>]] | modulus2 <i2> }]

Syntax Description

no	(Optional) Negate a command or set its defaults
crypto	Set crypto settings
key	Configure key pair related information
generate	Configure key pair generation related information
rsa	Configure rsa key pair generation related information
exportable	(Optional) key-pair is exportable
modulus	(Optional) key-pair size
i0	(Optional) key-pair size
label	(Optional) key-pair label
s0	(Optional) key-pair label
exportable	(Optional) key-pair is exportable
modulus1	(Optional) key-pair size
i1	(Optional) key-pair size
modulus2	(Optional) key-pair size
i2	(Optional) key-pair size

Command Mode

- /exec/configure

crypto key zeroize rsa

[no] crypto key zeroize rsa <s0>

Syntax Description

no	(Optional) Negate a command or set its defaults
crypto	Set crypto settings
key	Configure key pair related information
zeroize	Delete key-pair
rsa	Delete rsa key-pair
s0	key-pair label

Command Mode

- /exec/configure

cryptographic-algorithm

[no] cryptographic-algorithm <algo>

Syntax Description

no	(Optional) Negate a command or set its defaults
cryptographic-algorithm	Set cryptographic-algorithm to be used
algo	Crytographic-algorithm

Command Mode

- /exec/configure/keychain-key

customer-id

{ customer-id <s0> | no customer-id }

Syntax Description

no	Negate a command or set its defaults
customer-id	customer id
s0	Provide customer id (as specified in the service agreement)

Command Mode

- /exec/configure/callhome

cut

| cut { -b <bytes> | -c <chars> | -f <fields> | -d <delim> | -s | --help } +

Syntax Description

|	Pipe command output to filter
cut	Print selected parts of lines.
-b	output only these bytes
-c	output only these characters
-d	specify other field delimiter (default is TAB).
-f	output only these fields also print any line that contains no delimiter character, unless the -s option is specified
-s	do not print lines not containing delimiters
bytes	{n|n-|n-m|-m} N-th byte, N to end of line, N to M, start of line to N
chars	{n|n-|n-m|-m} N-th char, N to end of line, N to M, start of line to N
fields	{n|n-|n-m|-m} N-th field, N to end of line, N to M, start of line to N
delim	field separator char, TAB is default, use ' ' for space
--help	print help of underlying unix command

Command Mode

- /output