



S Commands

- sak-expiry-time, on page 15
- sampling-rate prepost, on page 16
- sap hash-algorithm HMAC-SHA-1, on page 17
- sap modelist, on page 18
- sap pmk sap pmk use-dot1x, on page 19
- save, on page 20
- scale-factor module, on page 21
- scheduler aaa-authentication, on page 22
- scheduler job name, on page 23
- scheduler logfile size, on page 24
- scheduler schedule name, on page 25
- scheduler transport email, on page 26
- scripting tcl init, on page 27
- scripting tcl recursion-limit, on page 28
- section, on page 29
- secure-handoff, on page 30
- security-level, on page 31
- security-policy, on page 32
- sed, on page 33
- segment-list name, on page 34
- segment-routing, on page 35
- segment-routing mpls, on page 36
- segment-routing mpls, on page 37
- segments, on page 38
- segments, on page 39
- send-community, on page 40
- send-community, on page 41
- send-community extended, on page 42
- send-lifetime month_a month_b month_c month_d month_e month_f month_g month_h month_i month_j month_k month_l duration infinite month_a month_b month_c month_d month_e month_f month_g month_h month_i month_j month_k month_l, on page 43
- send-lifetime month_a month_b month_c month_d month_e month_f month_g month_h month_i month_j month_k month_l duration infinite month_a month_b month_c month_d month_e month_f month_g month_h month_i month_j month_k month_l, on page 45

- send, on page 47
- send session, on page 48
- sender, on page 49
- sender, on page 50
- sensor-group, on page 51
- sequence, on page 52
- sequence, on page 53
- server-key 0 7, on page 54
- server, on page 55
- server, on page 56
- server, on page 57
- server protocol ldap, on page 58
- server protocol radius group, on page 59
- server protocol xmpp ip, on page 60
- service-name, on page 61
- service-policy-dynamic input, on page 62
- service-policy, on page 63
- service-policy, on page 64
- service-policy input, on page 65
- service-policy type network-qos, on page 66
- service-policy type qos, on page 67
- service-policy type queuing, on page 68
- service-policy type queuing, on page 69
- service-policy type queuing, on page 70
- service password-recovery, on page 71
- service unsupported-transceiver, on page 72
- session-limit, on page 73
- session domain-lookup, on page 74
- session protection, on page 75
- set-attached-bit, on page 76
- set-overload-bit, on page 77
- set-overload-bit, on page 78
- set, on page 79
- set, on page 80
- set, on page 81
- set, on page 82
- set as-path prepend last-as tag, on page 85
- set comm-list delete, on page 86
- set cos, on page 87
- set cos, on page 88
- set dampening, on page 89
- set distance, on page 90
- set drpvec, on page 91
- set drpvec, on page 97
- set evpn gateway-ip, on page 103
- set extcomm-list delete, on page 104

- [set extcommunity 4byteas-generic transitive additive](#), on page 105
- [set extcommunity color](#), on page 106
- [set extcommunity cost](#), on page 107
- [set extcommunity evpn rmac](#), on page 108
- [set extcommunity rt additive](#), on page 109
- [set forwarding-address](#), on page 110
- [set ieth](#), on page 111
- [set ieth](#), on page 114
- [set inner arp](#), on page 117
- [set inner ipv4](#), on page 119
- [set inner ipv4](#), on page 121
- [set inner ipv4](#), on page 123
- [set inner ipv6 src_ip](#), on page 125
- [set inner l2](#), on page 126
- [set inner l2](#), on page 128
- [set inner l2](#), on page 130
- [set inner l2 hg2](#), on page 132
- [set inner l2 hg2](#), on page 134
- [set inner l4](#), on page 136
- [set inner l4](#), on page 137
- [set inner l4](#), on page 140
- [set inner mpls](#), on page 141
- [set interface](#), on page 143
- [set interval find-new-host](#), on page 144
- [set interval sync-full-info](#), on page 145
- [set ip address prefix-list](#), on page 146
- [set ip default next-hop](#), on page 147
- [set ip default next-hop verify-availability](#), on page 148
- [set ip next-hop](#), on page 149
- [set ip next-hop peer-address](#), on page 150
- [set ip next-hop redist-unchanged](#), on page 151
- [set ip next-hop unchanged](#), on page 152
- [set ip next-hop verify-availability](#), on page 153
- [set ip precedence](#), on page 154
- [set ipv6 address prefix-list](#), on page 155
- [set ipv6 default next-hop](#), on page 156
- [set ipv6 default next-hop verify-availability](#), on page 157
- [set ipv6 next-hop](#), on page 158
- [set ipv6 next-hop peer-address](#), on page 159
- [set ipv6 next-hop redist-unchanged](#), on page 160
- [set ipv6 next-hop unchanged](#), on page 161
- [set ipv6 next-hop verify-availability](#), on page 162
- [set ipv6 precedence](#), on page 163
- [set label-index](#), on page 164
- [set level level-1 level-1-2 level-2](#), on page 165
- [set local-preference](#), on page 166

- [set metric](#), on page 167
- [set mpls-exp-topmost cos table exp-cos-map](#), on page 168
- [set nssa-only](#), on page 169
- [set origin egp igp incomplete](#), on page 170
- [set outer arp](#), on page 171
- [set outer arp](#), on page 173
- [set outer fcoe](#), on page 175
- [set outer ipv4](#), on page 177
- [set outer ipv4](#), on page 179
- [set outer ipv4](#), on page 181
- [set outer ipv6 src_ip](#), on page 183
- [set outer ipv6 src_ip](#), on page 184
- [set outer l2](#), on page 185
- [set outer l2](#), on page 187
- [set outer l2](#), on page 189
- [set outer l2 hg2](#), on page 191
- [set outer l4](#), on page 193
- [set outer l4](#), on page 194
- [set outer l4](#), on page 197
- [set outer mpls](#), on page 200
- [set outer mpls](#), on page 202
- [set pktrw](#), on page 204
- [set pktrw](#), on page 210
- [set pktrw](#), on page 217
- [set sb_info](#), on page 224
- [set sb_info](#), on page 227
- [set sideband](#), on page 230
- [set sideband](#), on page 232
- [set sideband](#), on page 234
- [set sideband](#), on page 236
- [set stats](#), on page 239
- [set tag](#), on page 242
- [set weight](#), on page 243
- [setup](#), on page 244
- [sflow](#), on page 245
- [sflow](#), on page 246
- [sflow data-source interface](#), on page 247
- [sflow data-source interface](#), on page 248
- [sflow extended switch](#), on page 249
- [shared-secret](#), on page 250
- [shut](#), on page 251
- [shutdown](#), on page 252
- [shutdown](#), on page 253
- [shutdown](#), on page 254
- [shutdown](#), on page 255
- [shutdown](#), on page 256

- shutdown, on page 257
- shutdown, on page 258
- shutdown, on page 259
- shutdown, on page 260
- shutdown, on page 261
- shutdown, on page 262
- shutdown, on page 263
- shutdown, on page 264
- shutdown, on page 265
- shutdown, on page 266
- shutdown, on page 267
- shutdown, on page 268
- shutdown, on page 269
- shutdown, on page 270
- shutdown, on page 271
- shutdown, on page 272
- shutdown, on page 273
- shutdown, on page 274
- shutdown, on page 275
- shutdown, on page 276
- shutdown, on page 277
- shutdown, on page 278
- shutdown, on page 279
- shutdown, on page 280
- shutdown, on page 281
- shutdown, on page 282
- shutdown, on page 283
- shutdown, on page 284
- shutdown, on page 285
- shutdown, on page 286
- shutdown, on page 287
- shutdown, on page 288
- shutdown force, on page 289
- shutdown lan, on page 290
- shutdown lan, on page 291
- signalling advertise explicit-null, on page 292
- signalling hello graceful-restart, on page 293
- signalling hello graceful-restart refresh interval, on page 294
- signalling hello graceful-restart refresh misses, on page 295
- signalling hello graceful-restart send recovery-time, on page 296
- signalling hello graceful-restart send restart-time, on page 297
- signalling hello reroute, on page 298
- signalling initial-retransmit-delay, on page 299
- signalling patherr state-removal, on page 300
- signalling rate-limit, on page 301
- signalling refresh interval, on page 302

- signalling refresh misses, on page 303
- signalling refresh reduction, on page 304
- signalling refresh reduction ack-delay, on page 305
- signalling refresh reduction bundle-max-size, on page 306
- signing level, on page 307
- site-id, on page 308
- site-of-origin, on page 309
- slave ipv4, on page 310
- sleep, on page 311
- sleep instance, on page 312
- slot, on page 313
- slot, on page 314
- smart-channel, on page 315
- smart-channel port-group, on page 316
- smtp-host smtp-port reply-to from, on page 317
- snapshot create, on page 318
- snapshot delete, on page 319
- snapshot delete ALL, on page 320
- snapshot section add, on page 321
- snapshot section delete, on page 322
- snmp-server aaa-user cache-timeout, on page 323
- snmp-server community, on page 324
- snmp-server community, on page 325
- snmp-server contact, on page 326
- snmp-server context, on page 327
- snmp-server counter cache enable, on page 328
- snmp-server counter cache timeout, on page 329
- snmp-server enable traps, on page 330
- snmp-server enable traps bgp, on page 331
- snmp-server enable traps bgp cbgp2, on page 332
- snmp-server enable traps bgp cbgp2 threshold prefix, on page 333
- snmp-server enable traps bgp threshold prefix, on page 334
- snmp-server enable traps eigrp, on page 335
- snmp-server enable traps ospf, on page 336
- snmp-server enable traps ospf lsa, on page 337
- snmp-server enable traps ospf rate-limit, on page 338
- snmp-server enable traps ospfv3, on page 339
- snmp-server enable traps ospfv3 lsa, on page 340
- snmp-server enable traps ospfv3 lsa, on page 341
- snmp-server enable traps ospfv3 rate-limit, on page 342
- snmp-server enable traps storm-control trap-rate, on page 343
- snmp-server engineID local, on page 344
- snmp-server globalEnforcePriv, on page 345
- snmp-server host filter-vrf, on page 346
- snmp-server host source, on page 347
- snmp-server host use-vrf, on page 348

- snmp-server location, on page 349
- snmp-server mib community-map context, on page 350
- snmp-server protocol enable, on page 351
- snmp-server source-interface informs, on page 352
- snmp-server source-interface traps, on page 353
- snmp-server system-shutdown, on page 354
- snmp-server tcp-session, on page 355
- snmp-server user, on page 356
- snmp-server user, on page 358
- snmp ifmib ifalias long, on page 359
- snmp trap link-status, on page 360
- snmp trap link-status, on page 361
- snmp trap link-status, on page 362
- snmp trap link-status, on page 363
- snmp trap link-status, on page 364
- snmp trap link-status, on page 365
- snsr-grp sample-interval, on page 366
- sockets local-port-range, on page 367
- soft-reconfiguration inbound, on page 368
- soft-reconfiguration inbound, on page 369
- soo auto, on page 370
- sort, on page 371
- source-address ipv4, on page 372
- source-interface, on page 373
- source-interface, on page 374
- source-interface, on page 375
- source-interface, on page 376
- source-interface, on page 377
- source-interface, on page 378
- source-interface, on page 379
- source-interface, on page 380
- source-interface hold-down-time, on page 381
- source, on page 382
- source, on page 383
- source, on page 384
- source, on page 385
- source, on page 386
- source, on page 387
- source, on page 388
- source, on page 389
- source, on page 390
- source, on page 391
- source, on page 392
- source copy-sys, on page 393
- source filter ip, on page 394
- source filter ip any any, on page 395

- source forward-drops, on page 396
- source group permit, on page 397
- source group permit, on page 398
- source interface, on page 399
- source interface, on page 400
- source ip, on page 401
- source port, on page 402
- source vlan, on page 403
- spanning-tree bpdudfilter, on page 404
- spanning-tree bpduguard, on page 405
- spanning-tree bridge-domain, on page 406
- spanning-tree bridge assurance, on page 407
- spanning-tree cost, on page 408
- spanning-tree cost auto, on page 409
- spanning-tree domain, on page 410
- spanning-tree domain clear statistics, on page 411
- spanning-tree guard, on page 412
- spanning-tree link-type, on page 413
- spanning-tree loopguard default, on page 414
- spanning-tree mode, on page 415
- spanning-tree mst configuration, on page 416
- spanning-tree mst configuration, on page 417
- spanning-tree mst cost, on page 418
- spanning-tree mst cost auto, on page 419
- spanning-tree mst forward-time, on page 420
- spanning-tree mst hello-time, on page 421
- spanning-tree mst max-age, on page 422
- spanning-tree mst max-hops, on page 423
- spanning-tree mst port-priority, on page 424
- spanning-tree mst pre-standard, on page 425
- spanning-tree mst priority, on page 426
- spanning-tree mst root, on page 427
- spanning-tree mst simulate pvst, on page 428
- spanning-tree mst simulate pvst global, on page 429
- spanning-tree pathcost method, on page 430
- spanning-tree port-priority, on page 431
- spanning-tree port type, on page 432
- spanning-tree port type edge bpdudfilter default, on page 433
- spanning-tree port type edge bpduguard default, on page 434
- spanning-tree port type edge default, on page 435
- spanning-tree port type edge trunk, on page 436
- spanning-tree port type network default, on page 437
- spanning-tree pseudo-information, on page 438
- spanning-tree vlan, on page 439
- spanning-tree vlan forward-time, on page 440
- spanning-tree vlan hello-time, on page 441

- [spanning-tree vlan max-age, on page 442](#)
- [spanning-tree vlan priority, on page 443](#)
- [spanning-tree vlan root, on page 444](#)
- [speed, on page 445](#)
- [speed, on page 446](#)
- [speed, on page 447](#)
- [speed, on page 448](#)
- [speed, on page 449](#)
- [speed, on page 450](#)
- [speed, on page 451](#)
- [speed auto, on page 452](#)
- [speed auto 100, on page 453](#)
- [speed auto 100 1000, on page 454](#)
- [speed auto 100 1000, on page 455](#)
- [speed auto 100, on page 456](#)
- [speed auto, on page 457](#)
- [spf-interval, on page 458](#)
- [spf-interval, on page 459](#)
- [spf-interval, on page 460](#)
- [sport, on page 461](#)
- [sport, on page 462](#)
- [src-intf, on page 463](#)
- [ssh, on page 464](#)
- [ssh6, on page 465](#)
- [ssh all, on page 466](#)
- [ssh cipher-mode weak, on page 467](#)
- [ssh idle, on page 468](#)
- [ssh key, on page 469](#)
- [ssh login-attempts, on page 470](#)
- [ssh login-gracetime, on page 471](#)
- [ssh port, on page 472](#)
- [ssh rekey max-data max-time, on page 473](#)
- [ssx exporter, on page 474](#)
- [ssx monitor, on page 475](#)
- [ssx record, on page 476](#)
- [ssx system monitor, on page 477](#)
- [ssx system system-id, on page 478](#)
- [stage-flow, on page 479](#)
- [stage-flow, on page 480](#)
- [standby, on page 481](#)
- [start-threshold, on page 482](#)
- [start, on page 483](#)
- [start, on page 484](#)
- [start, on page 485](#)
- [start, on page 486](#)
- [start, on page 487](#)

- start, on page 488
- start, on page 489
- start, on page 490
- start, on page 491
- start, on page 492
- start, on page 493
- start, on page 494
- start, on page 495
- start, on page 496
- start, on page 497
- start, on page 498
- state, on page 499
- state enabled, on page 500
- statistics, on page 501
- statistics, on page 502
- statistics, on page 503
- statistics collection-interval, on page 504
- statistics per-entry, on page 505
- statistics per-entry, on page 506
- statistics per-entry, on page 507
- statistics per-entry, on page 508
- stats-reporting-period, on page 509
- status, on page 510
- status, on page 511
- status, on page 512
- status, on page 513
- status, on page 514
- status, on page 515
- status, on page 516
- stop-threshold, on page 517
- stopbits, on page 518
- stopbits 1, on page 519
- storm-control-cpu, on page 520
- streetaddress, on page 521
- stub, on page 522
- sub-switch vlan, on page 523
- subscription, on page 524
- summary-address, on page 525
- summary-address, on page 526
- summary-address, on page 527
- summary-address, on page 528
- suppress-arp, on page 529
- suppress-fib-pending, on page 530
- suppress-fib-pending, on page 531
- suppress-inactive, on page 532
- suppress-inactive, on page 533

- `suppress-signaling-protocol ldp`, on page 534
- `suppress mac-route`, on page 535
- `switch-id`, on page 536
- `switch-priority`, on page 537
- `switch-profile`, on page 538
- `switch-profile`, on page 539
- `switch-role border-leaf`, on page 540
- `switch-scope controller`, on page 541
- `switch pipeline`, on page 542
- `switchback`, on page 543
- `switching-mode fabric-speed 40g`, on page 544
- `switching-mode fast-to-slow-speed-cut-through`, on page 545
- `switching-mode store-forward`, on page 546
- `switchport`, on page 547
- `switchport`, on page 548
- `switchport access vlan`, on page 549
- `switchport access vlan`, on page 550
- `switchport access vlan`, on page 551
- `switchport autostate exclude`, on page 552
- `switchport backup interface`, on page 553
- `switchport backup interface`, on page 554
- `switchport backup interface multicast fast-convergence`, on page 555
- `switchport backup interface multicast fast-convergence`, on page 556
- `switchport backup interface preemption delay`, on page 557
- `switchport backup interface preemption delay`, on page 558
- `switchport backup interface preemption mode`, on page 559
- `switchport backup interface preemption mode`, on page 560
- `switchport beacon`, on page 561
- `switchport block unicast`, on page 562
- `switchport description`, on page 563
- `switchport dot1q ethertype`, on page 564
- `switchport dot1q ethertype`, on page 565
- `switchport duplex`, on page 566
- `switchport host`, on page 567
- `switchport ignore bit-errors`, on page 568
- `switchport isolated`, on page 569
- `switchport mac-learn disable`, on page 570
- `switchport mode`, on page 571
- `switchport mode`, on page 572
- `switchport mode`, on page 573
- `switchport mode`, on page 574
- `switchport mode`, on page 575
- `switchport mode`, on page 576
- `switchport mode fabricpath`, on page 577
- `switchport mode monitor buffer-limit`, on page 578
- `switchport mode private-vlan`, on page 579

- switchport mode private-vlan trunk, on page 580
- switchport monitor, on page 581
- switchport mtu, on page 582
- switchport owner, on page 583
- switchport port-security, on page 584
- switchport port-security aging time, on page 585
- switchport port-security mac-address, on page 586
- switchport port-security mac-address sticky, on page 587
- switchport port-security maximum, on page 588
- switchport port-security violation, on page 589
- switchport private-vlan association trunk, on page 590
- switchport private-vlan host-association, on page 591
- switchport private-vlan mapping, on page 592
- switchport private-vlan mapping trunk, on page 593
- switchport private-vlan trunk allowed vlan, on page 594
- switchport private-vlan trunk native vlan, on page 595
- switchport promiscuous-mode off, on page 596
- switchport speed, on page 597
- switchport speed, on page 598
- switchport trunk allowed vlan, on page 599
- switchport trunk allowed vsan, on page 600
- switchport trunk allowed vsan, on page 601
- switchport trunk mode, on page 602
- switchport trunk mode, on page 603
- switchport trunk native vlan, on page 604
- switchport trunk pruning vlan except add remove none all, on page 605
- switchport virtual-ethernet-bridge, on page 606
- switchport vlan mapping, on page 607
- switchport vlan mapping all, on page 608
- switchport vlan mapping all dot1q-tunnel, on page 609
- switchport vlan mapping dot1q-tunnel, on page 610
- switchport vlan mapping dot1q-tunnel allowed-vlan, on page 611
- switchport vlan mapping enable, on page 612
- switchto vdc, on page 613
- sync-peers destination, on page 614
- system-mac, on page 615
- system-mac, on page 616
- system-priority, on page 617
- system, on page 618
- system auto-collect tech-support, on page 619
- system cores, on page 620
- system default interface-vlan autostate, on page 621
- system default interface, on page 622
- system default interface, on page 623
- system default switchport, on page 624
- system default switchport fabricpath, on page 625

- `system default switchport shutdown`, on page 626
- `system default tx-credit double-queue`, on page 627
- `system fabric-mode full-rate`, on page 628
- `system fabric core-vlans`, on page 629
- `system fabric dynamic-vlans`, on page 630
- `system fast-reload stabilization-timer`, on page 631
- `system hap-reset`, on page 632
- `system hap-reset`, on page 633
- `system health check bootflash`, on page 634
- `system heartbeat`, on page 635
- `system heartbeat`, on page 636
- `system high-multicast-priority`, on page 637
- `system interface shutdown`, on page 638
- `system jumbomtu`, on page 639
- `system login block-for`, on page 640
- `system login block-for attempts within`, on page 641
- `system login quiet-mode`, on page 642
- `system login quiet-mode access-class`, on page 643
- `system memory-thresholds minor severe critical`, on page 644
- `system mode maintenance`, on page 645
- `system mode maintenance always-use-custom-profile`, on page 646
- `system mode maintenance maint-delay`, on page 647
- `system mode maintenance on-reload reset-reason`, on page 648
- `system mode maintenance snapshot-delay`, on page 649
- `system mode maintenance timeout`, on page 650
- `system modifications throttle`, on page 651
- `system module failure-action shutdown`, on page 652
- `system module failure-action shutdown multibit-parity`, on page 653
- `system poap`, on page 654
- `system poap`, on page 655
- `system private-vlan fex trunk`, on page 656
- `system pss shrink`, on page 657
- `system qos`, on page 658
- `system security compliance common-criteria`, on page 659
- `system security sudo prompt-password`, on page 660
- `system shutdown fan-direction mismatch`, on page 661
- `system standby manual-boot`, on page 662
- `system standby manual-boot`, on page 663
- `system startup-config init`, on page 664
- `system startup-config unlock`, on page 665
- `system statistics`, on page 666
- `system statistics`, on page 667
- `system switch-mode`, on page 668
- `system switchover`, on page 669
- `system timeout`, on page 670
- `system trace`, on page 671

- [system urpf disable](#), on page 672
- [system vlan long-name](#), on page 673
- [system vlan nve-overlay id](#), on page 674
- [system vlan reserve](#), on page 675
- [system vrf-member-change retain-l3-config](#), on page 676
- [system watchdog](#), on page 677
- [system watchdog](#), on page 678
- [system watchdog kgdb](#), on page 679
- [system watchdog kgdb](#), on page 680

sak-expiry-time

[no] sak-expiry-time <ts>

Syntax Description

sak-expiry-time	Time in seconds to force SAK rekey
ts	time in seconds

Command Mode

- /exec/configure/macsec-policy

sampling-rate prepost

[no] sampling-rate { pre-trigger <pre-sample-rate> } { post-trigger <post-sample-rate> }

Syntax Description

no	(Optional) Negate the command
sampling-rate	Configure sampling-rate parameters
pre-trigger	Pre-trigger parameters
pre-sample-rate	Transactions to be captured out of 16 samples (1-16)
post-trigger	Post-trigger parameters
post-sample-rate	Transactions to be captured out of 16 samples (1-16)

Command Mode

- /exec/configure/pkt-drop

sap hash-algorithm HMAC-SHA-1

{ [no] sap hash-algorithm HMAC-SHA-1 } | { sap hash-algorithm HMAC-MD5 }

Syntax Description

sap	Specify preferred SAP negotiation parameters
hash-algorithm	Hashing Algorithm to use during SAP protocol
HMAC-SHA-1	use HMAC-SHA-1 for hashing (default is HMAC-MD5)
HMAC-MD5	use HMAC-MD5 for hashing

Command Mode

- /exec/configure/cts-dot1x /exec/configure/cts-manual

sap modelist

[no] sap modelist <mode_opt>

Syntax Description

sap	Specify preferred SAP negotiation parameters
modelist	encryption mode
mode_opt	modelist options

Command Mode

- /exec/configure/cts-dot1x

sap pmk sap pmk use-dot1x

```
sap pmk <pmk> [ left-zero-padded ] [ modelist <mode_opt> ] | sap pmk use-dot1x [ modelist <mode_opt> ]
| no sap
```

Syntax Description

sap	Specify preferred SAP negotiation parameters
pmk	pairwise master key
pmk	32 byte value specified as a string
left-zero-padded	(Optional) Pad with zeros on the left if PMK length is less than 32 bytes
modelist	(Optional) encryption mode
mode_opt	(Optional) modelist options
modelist	(Optional) <mode_opt>
use-dot1x	Use pmk generated after dot1x authentication. Use dot1x commands to configure dot1x on this port

Command Mode

- /exec/configure/cts-manual

save

save <uri0>

Syntax Description

save	Save the current configuration session to uri
uri0	Enter the complete uri where the session is to be stored

Command Mode

- /exec/configure

scale-factor module

[no] scale-factor <sf-value> module <module-number>

Syntax Description

no	(Optional) Negate a command or set its defaults
scale-factor	Scale factor
sf-value	Specify scale factor value from 0.10 to 2.00
module	Module
module-number	specify module number

Command Mode

- /exec/configure/ctrl-plane

scheduler aaa-authentication

```
{ scheduler aaa-authentication { password { 0 <s0> | 7 <s1> | <s2> } | username <s3> password { 01 <s4> | 71 <s5> | <s6> } } | no scheduler aaa-authentication { password [ { 0 <s0> | 7 <s1> | <s2> } ] | username <s3> password [ { 01 <s4> | 71 <s5> | <s6> } ] } }
```

Syntax Description

no	Negate a command or set its defaults
scheduler	Config commands for scheduler
aaa-authentication	Password for AAA authentication(of logged in user)
password	Specify the password of logged in user(for AAA authentication)
0	Password (clear text) of logged in user
s0	password (clear text) of logged in user
7	Encrypted password of logged in user
s1	Encrypted password (for AAA authentication)
s2	Password (clear text) of logged in user
username	logged in user name
s3	user name (for AAA authentication)
password	Specify the password of logged in user(for AAA authentication)
01	Password (clear text) of logged in user
s4	password (clear text) of logged in user
71	Encrypted password of logged in user
s5	Encrypted password (for AAA authentication)
s6	Password (clear text) of logged in user

Command Mode

- /exec/configure

scheduler job name

[no] scheduler job name <s0>

Syntax Description

no	(Optional) Negate a command or set its defaults
scheduler	Config commands for scheduler
job	Define a job
name	Specify a name for the job
s0	Name of the job

Command Mode

- /exec/configure

scheduler logfile size

{ scheduler logfile size <i0> | no scheduler logfile size [<i0>] }

Syntax Description

no	Negate a command or set its defaults
scheduler	Config commands for scheduler
logfile	Scheduler log file configuration
size	Specify the log file size
i0	Size of the file in KB

Command Mode

- /exec/configure

scheduler schedule name

[no] scheduler schedule name <s0>

Syntax Description

no	(Optional) Negate a command or set its defaults
scheduler	Config commands for scheduler
schedule	Define a schedule
name	Specify a name for the schedule
s0	Name of the schedule

Command Mode

- /exec/configure

scheduler transport email

```
{ scheduler transport email { from <s0> | reply-to <s1> | smtp-server <host0> [ port <i1> ] } | no scheduler transport email { from | reply-to | smtp-server } }
```

Syntax Description

no	Negate a command or set its defaults
scheduler	Config commands for scheduler
transport	Configure transport related configuration
email	Configure email transport related configuration
from	Configure from email address
s0	Provide from email address, example: SJ-9500-1@xyz.com
reply-to	Configure replyto email address
s1	Provide reply-to email address, example: admin@xyz.com
smtp-server	Configure SMTP server address
host0	SMTP server(DNS name or IPv4 or IPv6 address)
port	(Optional) Configure SMTP server port (default:25)
i1	(Optional) SMTP server port

Command Mode

- /exec/configure

scripting tcl init

scripting tcl init <uri0> | no scripting tcl init

Syntax Description

no	Negate a command or set its defaults
scripting	Configure scripting parameters
tcl	Specify scripting parameter for tcl
init	Specify init parameters
uri0	Tcl init script name

Command Mode

- /exec

scripting tcl recursion-limit

scripting tcl recursion-limit <limit> | no scripting tcl recursion-limit

Syntax Description

no	Negate a command or set its defaults
scripting	Configure scripting parameters
tcl	Specify scripting parameter for tcl
recursion-limit	Specify recursion-limit
limit	Specify limit

Command Mode

- /exec

section

| section <pattern>

Syntax Description

	Pipe command output to filter
section	show lines that include the pattern as well as the subsequent lines that are more indented than matching line
pattern	the pattern (regular expression) to match

Command Mode

- /output

secure-handoff

{ [no] secure-handoff }

Syntax Description

no	(Optional) Negate a command or set its defaults
secure-handoff	Confirm dynamic-eid discovery by probing for remote host

Command Mode

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

security-level

[no] security-level <seclvl>

Syntax Description

no	(Optional) Negate a command or set its defaults
seclvl	

Command Mode

- /exec/configure/config-snoop-policy

security-policy

[no] security-policy <policy>

Syntax Description

security-policy	Configure Security policy
policy	Security Policy options

Command Mode

- /exec/configure/masec-policy

sed

| sed [-n] + <expr>

Syntax Description

	Pipe command output to filter
sed	Stream Editor
-n	(Optional) suppress automatic printing of pattern space
expr	Edition command (script)

Command Mode

- /output

segment-list name

[no] segment-list name <seg-list-name>

Syntax Description

no	(Optional) Negate a command or set its defaults
segment-list	Explicit segment list configuration
name	Segment-list name
seg-list-name	Identifying name for the segment-list with max 128 characters

Command Mode

- /exec/configure/sr/te

segment-routing

[no] segment-routing

Syntax Description

no	(Optional) Negate a command or set its defaults
segment-routing	Enable Segment Routing

Command Mode

- /exec/configure

segment-routing mpls

[no] segment-routing mpls

Syntax Description

no	(Optional) Negate a command or set its defaults
segment-routing	Segment-routing properties
mpls	Configure MPLS parameters

Command Mode

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

segment-routing mpls

[no] segment-routing mpls

Syntax Description

no	(Optional) Negate a command or set its defaults
segment-routing	Segment routing parameters
mpls	Enable segment routing MPLS

Command Mode

- /exec/configure/router-ospf

segments

[no] segments

Syntax Description

no	(Optional) Negate a command or set its defaults
segments	Candidate path-option segments

Command Mode

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

segments

[no] segments

Syntax Description

no	(Optional) Negate a command or set its defaults
segments	Candidate path-option segments

Command Mode

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

send-community

[no | default] send-community [both | extended | standard]

Syntax Description

no	(Optional) Negate a command or set its defaults
default	(Optional) Inherit values from a peer template
send-community	Send Community attribute to this neighbor
both	(Optional) Send Standard and Extended Community attributes
extended	(Optional) Send Extended Community attribute
standard	(Optional) Send Standard Community attribute

Command Mode

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

send-community

[no | default] send-community [both | standard]

Syntax Description

no	(Optional) Negate a command or set its defaults
default	(Optional) Inherit values from a peer template
send-community	Send Community attribute to this neighbor
both	(Optional) Send Standard and Extended Community attributes
standard	(Optional) Send Standard Community attribute

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-l2vpn-evpn
- /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
- /exec/configure/router-bgp/router-bgp-neighbor/router-bgp-neighbor-af-link-state
- /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

send-community extended

[no | default] send-community extended

Syntax Description

no	(Optional) Negate a command or set its defaults
default	(Optional) Inherit values from a peer template
send-community	Send Community attribute to this neighbor
extended	Send Extended Community attribute

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-l2vpn-evpn
- /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
- /exec/configure/router-bgp/router-bgp-neighbor/router-bgp-neighbor-af-link-state
- /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

```
send-lifetime month_a month_b month_c month_d month_e month_f month_g month_h month_i month_j month_k month_l duration infinite month_a month_b
month_c month_d month_e month_f month_g month_h month_i month_j month_k month_l
```

send-lifetime month_a month_b month_c month_d month_e month_f month_g month_h month_i month_j month_k month_l duration infinite month_a month_b month_c month_d month_e month_f month_g month_h month_i month_j month_k month_l

```
{ { send-lifetime [ local ] <stime> { month_a | month_b | month_c | month_d | month_e | month_f | month_g
| month_h | month_i | month_j | month_k | month_l } <sday> <syyear> { duration <dsec> | infinite | <etime>
{ month_a | month_b | month_c | month_d | month_e | month_f | month_g | month_h | month_i | month_j |
month_k | month_l } <eday> <eyear> } } | { no send-lifetime [ [ local ] <stime> { month_a | month_b | month_c
| month_d | month_e | month_f | month_g | month_h | month_i | month_j | month_k | month_l } <sday> <syyear>
{ duration <dsec> | infinite | <etime> { month_a | month_b | month_c | month_d | month_e | month_f | month_g
| month_h | month_i | month_j | month_k | month_l } <eday> <eyear> } ] } }
```

Syntax Description

no	Negate a command or set its defaults
send-lifetime	Set send lifetime of key
local	(Optional) Specify time in local timezone
stime	HH:MM:SS Time to start <0-23>:<0-59>:<0-59>
etime	HH:MM:SS Time to end <0-23>:<0-59>:<0-59>
month_a	
month_b	
month_c	
month_d	
month_e	
month_f	
month_g	
month_h	
month_i	
month_j	
month_k	
month_l	
sday	Day of the month to start

send-lifetime month_a month_b month_c month_d month_e month_f month_g month_h month_i month_j month_k month_l duration infinite month_a month_b month_c month_d month_e month_f month_g month_h month_i month_j month_k month_l

eday	Day of the month to end
syear	Year to start
eyear	Year to end
duration	Set key lifetime duration
dsec	Duration in seconds
infinite	Never Expires

Command Mode

- /exec/configure/keychain-key

```
send-lifetime month_a month_b month_c month_d month_e month_f month_g month_h month_i month_j month_k month_l duration infinite month_a month_b
month_c month_d month_e month_f month_g month_h month_i month_j month_k month_l
```

send-lifetime month_a month_b month_c month_d month_e month_f month_g month_h month_i month_j month_k month_l duration infinite month_a month_b month_c month_d month_e month_f month_g month_h month_i month_j month_k month_l

```
{ { send-lifetime [ local ] <stime> { month_a | month_b | month_c | month_d | month_e | month_f | month_g
| month_h | month_i | month_j | month_k | month_l } <sday> <syyear> { duration <dsec> | infinite | <etime>
{ month_a | month_b | month_c | month_d | month_e | month_f | month_g | month_h | month_i | month_j |
month_k | month_l } <eday> <eyear> } } | { no send-lifetime [ [ local ] <stime> { month_a | month_b | month_c
| month_d | month_e | month_f | month_g | month_h | month_i | month_j | month_k | month_l } <sday> <syyear>
{ duration <dsec> | infinite | <etime> { month_a | month_b | month_c | month_d | month_e | month_f | month_g
| month_h | month_i | month_j | month_k | month_l } <eday> <eyear> } ] } }
```

Syntax Description

no	Negate a command or set its defaults
send-lifetime	Set send lifetime of macsec key
local	(Optional) Specify time in local timezone
stime	HH:MM:SS Time to start <0-23>:<0-59>:<0-59>
etime	HH:MM:SS Time to end <0-23>:<0-59>:<0-59>
month_a	
month_b	
month_c	
month_d	
month_e	
month_f	
month_g	
month_h	
month_i	
month_j	
month_k	
month_l	
sday	Day of the month to start

send-lifetime month_a month_b month_c month_d month_e month_f month_g month_h month_i month_j month_k month_l duration infinite month_a month_b month_c month_d month_e month_f month_g month_h month_i month_j month_k month_l

eday	Day of the month to end
syear	Year to start
eyear	Year to end
duration	Set key lifetime duration
dsec	Duration in seconds
infinite	Never Expires

Command Mode

- /exec/configure/macseckeychain-key

send

send <line>

Syntax Description

send	Send message to open sessions
line	Send message (a line) to all open sessions

Command Mode

- /exec

send session

send session <s0> <line>

Syntax Description

send	Send message to open sessions
session	Send message to specific session
s0	Specify pts/tty device type
line	Enter a one line message

Command Mode

- /exec

sender

[no] sender

Syntax Description

no	(Optional) Negate a command or set its defaults
sender	Policies for a Sender

Command Mode

- /exec/configure/nbm-host-policy

sender

[no] sender

Syntax Description

no	(Optional) Negate a command or set its defaults
sender	Policies for a Sender

Command Mode

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

sensor-group

[no] sensor-group <grp-id>

Syntax Description

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

Command Mode

- /exec/configure/telemetry

sequence

{ [no] sequence <seq> | no sequence }

Syntax Description

sequence	Sequence Number
seq	Differentiated services codepoint value

Command Mode

- /exec/configure/config-postcard-exporter

sequence

{ [no] sequence <seq> | no sequence }

Syntax Description

sequence	Sequence Number
seq	Sequence Number value

Command Mode

- /exec/configure/config-int-exporter

server-key 0 7

```
{ { [ no ] server-key { 0 <s0> | 7 <s1> | <s2> } } | { no server-key } }
```

Syntax Description

no	(Optional) Negate a command or set its defaults
server-key	Encryption key shared with the radius clients
0	RADIUS shared secret(clear text)
s0	RADIUS shared secret(clear text)
7	RADIUS shared secret(encrypted)
s1	RADIUS shared secret(encrypted)
s2	RADIUS shared secret(clear text)(Max Size 63)

Command Mode

- /exec/configure/locsvr-da-radius

server

[no] server <host0>

Syntax Description

no	(Optional) Negate a command or set its defaults
server	LDAP server name
host0	LDAP server name

Command Mode

- /exec/configure/ldap

server

[no] server <hostname>

Syntax Description

no	(Optional) Negate a command or set its defaults
server	RADIUS server name or IP address
hostname	IPV4/IPV6 address or DNS name

Command Mode

- /exec/configure/radius

server

[no] server { <hostipname> }

Syntax Description

no	(Optional) Negate a command or set its defaults
server	TACACS+ server name or IP address
hostipname	IPV4/IPV6 address or DNS name

Command Mode

- /exec/configure/tacacs+

server protocol ldap

```
[no] server protocol ldap { ipv6 <ipv6addr> | ip <ipaddr> | host <hostname> } [ port <portnum> ] [ vrf { <vrf-name> | <vrf-known-name> } ] [ enable-ssl ]
```

Syntax Description

no	(Optional) Negate a command or set its defaults
server	Configure database server
protocol	Configure database protocol
ldap	Use LDAP
ipv6	IPv6 address of server
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
enable-ssl	(Optional) LDAP server enable ssl

Command Mode

- /exec/configure/fabric-db

server protocol radius group

[no] server protocol radius group <groupname>

Syntax Description

no	(Optional) Negate a command or set its defaults
server	Configure database server
protocol	Configure database protocol
radius	Use RADIUS
group	AAA group
groupname	Enter AAA group name of servers

Command Mode

- /exec/configure/fabric-db

server protocol xmpp ip

```
[no] server protocol xmpp { ip <ipaddr> | host <hostname> } [ port <portnum> ] [ vrf { <vrf-name> | <vrf-known-name> } ]
```

Syntax Description

no	(Optional) Negate a command or set its defaults
server	Configure database server
protocol	Configure 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/configure/fabric-db

service-name

[no] service-name <nxsdk-service-name> [profile { <nxsdk-profile-name> | <profile-name> }]

Syntax Description

service-name	Complete path and name of file to execute
nxsdk-service-name	Service name
profile	(Optional) Service profile
nxsdk-profile-name	(Optional) Name of the profile
profile-name	(Optional) Name of the profile

Command Mode

- /exec/configure/nxsdk-remote

service-policy-dynamic input

[no] service-policy-dynamic input <policy_name>

Syntax Description

no	THIS KEYWORD OR VARIABLE IS NOT SUPPORTED
service-policy-dynamic	Attach a policy to control-plane interface
input	Input the policy name
policy_name	Name of the policy

Command Mode

- /exec/configure/ctrl-plane-dyn

service-policy

[no] service-policy [type qos] <inp-or-out> <pmap-name-qos> [no-stats]

Syntax Description

no	(Optional) Negate a command or set its defaults
service-policy	Configure service policy for an interface
type	(Optional) Specify the type of this policy
qos	(Optional) Qos policy
inp-or-out	
pmap-name-qos	Policy-map name __nil__ You must create a policy-map before using this command
no-stats	(Optional) Disable statistics for this policy

Command Mode

- /exec/configure/if-set-qos /exec/configure/if-remote-ethernet /exec/configure/if-remote-ethernet-switch /exec/configure/if-fc /exec/configure/if-san-port-channel /exec/configure/if-nve

service-policy

[no] service-policy [type qos] <pmap-name-qos>

Syntax Description

no	(Optional) Negate a command or set its defaults
service-policy	Configure hierarchial policy-map
type	(Optional) Specify the type of this policy
qos	(Optional) Qos policy
pmap-name-qos	Policy-map name

Command Mode

- /exec/configure/policy-map/class

service-policy input

[no] service-policy input <policy_name>

Syntax Description

no	THIS KEYWORD OR VARIABLE IS NOT SUPPORTED
service-policy	Attach a policy to control-plane interface
input	Input the policy name
policy_name	Name of the policy

Command Mode

- /exec/configure/ctrl-plane

service-policy type network-qos

[no] service-policy type network-qos <pmap-name-nq>

Syntax Description

no	(Optional) Negate a command or set its defaults
service-policy	Policy Map
type	Specify the type of this policy-map
network-qos	Network QoS policy
pmap-name-nq	Policy-map name

Command Mode

- /exec/configure/system/qos

service-policy type qos

[no] service-policy type qos <inp-only> <pmap-name-qos>

Syntax Description

no	(Optional) Negate a command or set its defaults
service-policy	Policy Map
type	Specify the type of this policy-map
qos	System-level QoS policy
inp-only	
pmap-name-qos	Policy-map name __nil__ You must create a policy-map before using this command

Command Mode

- /exec/configure/system/qos

service-policy type queuing

[no] service-policy type queuing <inp-or-out> <pmap-name-que>

Syntax Description

no	(Optional) Negate a command or set its defaults
service-policy	Policy Map
type	Specify the type of this policy-map
queuing	DCE Queuing policy
inp-or-out	
pmap-name-que	Policy-map name

Command Mode

- /exec/configure/system/qos

service-policy type queuing

[no] service-policy type queuing <inp-or-out> <pmap-name-que> [no-stats]

Syntax Description

no	(Optional) Negate a command or set its defaults
service-policy	Configure service policy for an interface
type	Specify the type of this policy
queuing	Queuing policy
inp-or-out	
pmap-name-que	Policy-map name
no-stats	(Optional) Disable statistics for this policy

Command Mode

- /exec/configure/if-set-que

service-policy type queuing

[no] service-policy type queuing <pmap-name-que>

Syntax Description

no	(Optional) Negate a command or set its defaults
service-policy	Set the inner policy-map
type	Specify the type of this policy
queuing	Queuing policy
pmap-name-que	Policy-map name __nil__ You must create a policy-map before using this command

Command Mode

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

service password-recovery

[no] service password-recovery

Syntax Description

no	(Optional) Negate a command or set its defaults
service	Service
password-recovery	Configure password-recovery option of console

Command Mode

- /exec/configure

service unsupported-transceiver

[no] service unsupported-transceiver

Syntax Description

no	(Optional) Negate a command or set its defaults
service	Serviceability Commands
unsupported-transceiver	Configure support for transceivers not supported by Cisco

Command Mode

- /exec/configure

session-limit

[no] session-limit <i0>

Syntax Description

no	(Optional) Negate a command or set its defaults
session-limit	Set the max no of concurrent vsh sessions
i0	Max concurrent vsh sessions

Command Mode

- /exec/configure/line

session domain-lookup

session domain-lookup | no session domain-lookup

Syntax Description

session	Configure session preferences
no	Negate a command or set its defaults
domain-lookup	Session

Command Mode

- /exec

session protection

```
[no] session protection [ vrf { <vrf-name> | <vrf-known-name> } ] [ for <pfx-list> ] [ duration { <secs> | infinite } ]
```

Syntax Description

no	(Optional) Negate a command or set its defaults
session	Configure session parameters
protection	Configure session protection parameters
vrf	(Optional) VRF Routing/Forwarding instance information
vrf-name	(Optional) VPN Routing/Forwarding instance name
vrf-known-name	(Optional) Known VRF name
for	(Optional) Prefix list to specify LDP peers
pfx-list	(Optional) Prefix list for LDP peers
duration	(Optional) Period to sustain session protection after loss of link discovery
secs	(Optional) Holdup time in seconds
infinite	(Optional) Protect session forever after loss of link discovery

Command Mode

- /exec/configure/ldp

set-attached-bit

[no] set-attached-bit

Syntax Description

no	(Optional) Negate a command or set its defaults
set-attached-bit	Configure L1 L2 router to set/unset attached bit in its L1 LSP

Command Mode

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

set-overload-bit

```
{ no set-overload-bit | [ no ] set-overload-bit { always | on-startup { <secs> | <seconds> } } }
```

Syntax Description

no	Negate a command or set its defaults
set-overload-bit	Signal other routers not to use us for transit
always	Set the overload bit unconditionally
on-startup	Set the overload bit on IS-IS startup
secs	Clear the overload bit after an elapsed time in seconds
seconds	Clear the overload bit after an elapsed time in seconds

Command Mode

- /exec/configure/l2mp-isis/l2mp-isis-vrf-common

set-overload-bit

```
[no] set-overload-bit | [ no ] set-overload-bit { always | on-startup { <secs> | [ <seconds> ] wait-for bgp <as>
} } [ suppress { [ interlevel ] [ external ] } ]
```

Syntax Description

no	Negate a command or set its defaults
set-overload-bit	Signal other routers not to use us for transit
always	Set the overload bit unconditionally
on-startup	Set the overload bit on IS-IS startup
secs	Clear the overload bit after an elapsed time in seconds
wait-for	Clear the overload bit when notified by a specific protocol
bgp	Border Gateway Protocol (BGP)
seconds	(Optional) Clear the overload bit after an elapsed time in seconds
as	Autonomous system number
suppress	(Optional) Suppress route redistribution if overload bit set
interlevel	(Optional) Suppress interlevel route redistribution
external	(Optional) Suppress external route redistribution

Command Mode

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

set

set <paramname> <paramval>

Syntax Description

set	Set the parameter value
paramname	Enter the name of the parameter
paramval	Enter the parameter value

Command Mode

- /exec/configure/param-inst

set

```
[no] set { { cos [ inner ] <cos-val> } | { dscp [ tunnel ] { <dscp-val> | <opt_set_dscp> } } | { precedence [ tunnel1 ] { <prec-val> | <opt_set_prec> } } }
```

Syntax Description

no	(Optional) Negate a command or set its defaults
set	Set attribute
cos	IEEE 802.1Q class of service
inner	(Optional) Set inner 802.1Q class of service in QinQ environment
cos-val	802.1Q Class of Service value
dscp	DSCP in IP(v4) and IPv6 packets
tunnel	(Optional) Set DSCP in tunnel encapsulation
dscp-val	DSCP value
opt_set_dscp	
precedence	Precedence in IP(v4) and IPv6 packets
tunnel1	(Optional) Set DSCP in tunnel encapsulation
prec-val	IP Precedence value
opt_set_prec	

Command Mode

- /exec/configure/pmap/class

set

[no] set { load-sharing per-packet }

Syntax Description

set	Set attribute
load-sharing	Load sharing across ECMP by set out-of-order bit
per-packet	per MiM packet
no	(Optional) Negate a command or set its defaults

Command Mode

- /exec/configure/policy-map/class

set

```
[no] set { { cos <cos-val> } | { eth-src-mac-addr <src-mac-addr> } | { eth-dest-mac-addr <dest-mac-addr> }
| { vlan <vlan-number> } | { ip-tos <ip-tos-value> <ip-tos-mask> } | { out-interface <iface-list> } | { dscp [
tunnel ] { <dscp-val> | <dscp-enum> } } | { precedence [ prec-tunnel ] { <prec-val> | <prec-enum> } } | {
discard-class <dis-class-val> } | { qos-group <qos-grp-val> } | { { { cos1 cos2 } | { dscp1 dscp2 } | { prec1
prec2 } | { dis-class1 dis-class2 } | { dscp3 mpls-exp-imposition } | { mpls-exp-topmost dscp4 } | {
mpls-exp-topmost1 mpls-exp-topmost2 } } } | { mpls experimental { { topmost <exp-value> } | { imposition
<exp-value-imp> } } } | action-strip-vlan | action-drop-pkt | divert-action | copy-action | action-decrement-ttl
| forward-normal | goto-pmap <pmap-table-handle> }
```

Syntax Description

no	(Optional) Negate a command or set its defaults
set	Set attribute
cos	IEEE 802.1Q class of service
cos1	IEEE 802.1Q class of service
cos2	IEEE 802.1Q class of service
cos-val	802.1Q Class of Service value
eth-dest-mac-addr	Action on Layer 2 destination MAC address
eth-src-mac-addr	Action on Layer 2 source MAC address
src-mac-addr	Layer 2 MAC Address
dest-mac-addr	Layer 2 MAC Address
vlan	Set the VLAN ID
vlan-number	VLAN NUMBER
ip-tos	Set the IPv4 TOS
ip-tos-value	IPv4 TOS Value
ip-tos-mask	IPV4 TOS Mask
out-interface	Output to a Specified Interface
iface-list	Physical Interface Name and Number or List
action-strip-vlan	Perform the action STRIP-VLAN-ID
action-drop-pkt	Perform the action Drop the Packet
divert-action	Divert the packets to Controller
copy-action	Copy the packets to Controller

action-decrement-ttl	Decrement TTL on the Packet
forward-normal	Forward the packets normally
goto-pmap	Goto pmap/table
pmap-table-handle	Pmap-table handle
dscp	DSCP in IP(v4) and IPv6 packets
dscp1	DSCP in IP(v4) and IPv6 packets
dscp2	DSCP in IP(v4) and IPv6 packets
tunnel	(Optional) Set DSCP in tunnel encapsulation
dscp-val	DSCP value
dscp-enum	
precedence	Precedence in IP(v4) and IPv6 packets
prec1	Precedence in IP(v4) and IPv6 packets
prec2	Precedence in IP(v4) and IPv6 packets
prec-tunnel	(Optional) Set Precedence in tunnel encapsulation
prec-val	IP Precedence value
prec-enum	
discard-class	Discard class
dis-class1	Discard class
dis-class2	Discard class
dis-class-val	Discard class value
qos-group	Qos-group
qos-grp-val	Qos-group value
mpls	Set MPLS label
experimental	Set MPLS experimental label
topmost	Set MPLS topmost label
imposition	Push the label and set new one on top
exp-value	MPLS value
exp-value-imp	MPLS value
dscp3	DSCP in IP(v4) and IPv6 packets

mpls-exp-imposition	mpls-exp-imposition
mpls-exp-topmost	mpls-exp-topmost
dscp4	DSCP in IP(v4) and IPv6 packets
mpls-exp-topmost1	mpls-exp-topmost
mpls-exp-topmost2	mpls-exp-topmost

Command Mode

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

set as-path prepend last-as tag

```
{ set as-path { prepend { last-as <lastas> | <as> + } | tag } } | { no set as-path { prepend [ last-as [ <lastas> ] | <as> + ] | tag } }
```

Syntax Description

no	Negate a command or set its defaults
set	Set values in destination routing protocol
as-path	Prepend string for a BGP AS-path attribute
prepend	Prepend to the AS-Path
last-as	Prepend last AS to the as-path
lastas	number of last-AS prepends
as	AS number
tag	Set the tag as an AS-path attribute
as	(Optional)

Command Mode

- /exec/configure/route-map

set comm-list delete

```
{ { set comm-list <name> delete } | { no set comm-list } }
```

Syntax Description

no	Negate a command or set its defaults
set	Set values in destination routing protocol
comm-list	set BGP community list (for deletion)
name	Community list name
delete	Delete matching communities

Command Mode

- /exec/configure/route-map

set cos

[no] set cos <cos-val>

Syntax Description

no	(Optional) Negate a command or set its defaults
set	Set attribute
cos	IEEE 802.1Q Class of Service
cos-val	802.1Q Class of Service value

Command Mode

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

set cos

[no] set cos <cos-val>

Syntax Description

no	(Optional) Negate a command or set its defaults
set	Set attribute
cos	IEEE 802.1Q class of service
cos-val	802.1Q Class of Service value

Command Mode

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

set dampening

```
{ set dampening <halflife> <reuse> <supress> <duration> } | { no set dampening [ <halflife> <reuse> <supress> <duration> ] }
```

Syntax Description

no	Negate a command or set its defaults
set	Set values in destination routing protocol
dampening	Set BGP route flap dampening parameters
halflife	half-life time for the penalty
reuse	penalty to start reusing a route
supress	penalty to start suppressing a route
duration	Maximum duration to suppress a stable route

Command Mode

- /exec/configure/route-map

set distance

```
{ set distance <external-dist> [ <internal-dist> [ <local-dist> ] ] } | { no set distance }
```

Syntax Description

no	Negate a command or set its defaults
set	Set values in destination routing protocol
distance	Set the Administrative distance of route
external-dist	Administrative distance for IGP or EBGP routes
internal-dist	(Optional) Administrative distance for internal routes
local-dist	(Optional) Administrative distance for local routes

Command Mode

- /exec/configure/route-map

set drpvec

```
set drpvec { parse_err <parse_err> | outer_ids_g0 <outer_ids_g0> | outer_ids_g1 <outer_ids_g1> | outer_ids_g2
<outer_ids_g2> | outer_ids_g3 <outer_ids_g3> | outer_ids_g4 <outer_ids_g4> | outer_ids_g5 <outer_ids_g5>
| outer_ids_g6 <outer_ids_g6> | outer_ids_g7 <outer_ids_g7> | outer_xlate_miss <outer_xlate_miss> |
infra_encap_src_tep_miss <infra_encap_src_tep_miss> | infra_encap_type_mismatch
<infra_encap_type_mismatch> | uc_tenant_mytep_route_miss <uc_tenant_mytep_route_miss> |
uc_tenant_mytep_bridge_miss <uc_tenant_mytep_bridge_miss> | arp_nd_ucast_miss <arp_nd_ucast_miss>
| mc_dvif_miss <mc_dvif_miss> | shard_override_vlan_xlate_miss <shard_override_vlan_xlate_miss> |
fcf_check_failed <fcf_check_failed> | ttl_expired <ttl_expired> | security_group_deny <security_group_deny>
| mc_iic <mc_iic> | mc_gipo_miss <mc_gipo_miss> | vif_miss <vif_miss> | missing_vntag <missing_vntag>
| vlan_xlate_miss <vlan_xlate_miss> | ip_mtu_check_failure <ip_mtu_check_failure> | uc_rpf_failure
<uc_rpf_failure> | mc_rpf_failure <mc_rpf_failure> | l3_binding_failure <l3_binding_failure> |
nsh_not_allowed <nsh_not_allowed> | src_vlan_mbr <src_vlan_mbr> | nsh_src_sw_chk_failed
<nsh_src_sw_chk_failed> | l2mp_iic_failed <l2mp_iic_failed> | l2mp_on_ce_bd <l2mp_on_ce_bd> |
l2mp_encap_from_edge <l2mp_encap_from_edge> | l2mp_noencap_from_core <l2mp_noencap_from_core>
| outer_ttl_expired <outer_ttl_expired> | incorrect_vntag_type <incorrect_vntag_type> | l2mp_ftag_comp_miss
<l2mp_ftag_comp_miss> | ipv6_uc_link_local_cross_bd <ipv6_uc_link_local_cross_bd> |
ipv6_mc_sa_local_da_global_svi <ipv6_mc_sa_local_da_global_svi> | ipv6_mc_sa_local_da_global_l3if
<ipv6_mc_sa_local_da_global_l3if> | routing_disabled <routing_disabled> | fc_lookup_miss <fc_lookup_miss>
| no_sgt_from_core <no_sgt_from_core> | ip_self_fwd_failure <ip_self_fwd_failure> | acl_drop <acl_drop>
| smac_miss <smac_miss> | secure_mac_move <secure_mac_move> | non_secure_mac <non_secure_mac>
| l2_binding_failure <l2_binding_failure> | inner_ids_g0 <inner_ids_g0> | inner_ids_g1 <inner_ids_g1> |
inner_ids_g2 <inner_ids_g2> | inner_ids_g3 <inner_ids_g3> | inner_ids_g4 <inner_ids_g4> | inner_ids_g5
<inner_ids_g5> | inner_ids_g6 <inner_ids_g6> | inner_ids_g7 <inner_ids_g7> | infra_encap_src_tep_drop
<infra_encap_src_tep_drop> | split_horizon_check <split_horizon_check> | mc_fib_miss <mc_fib_miss> |
mc_l2_miss <mc_l2_miss> | uc_df_check_failure <uc_df_check_failure> | uc_pc_cfg_table_drop
<uc_pc_cfg_table_drop> | illegal_expl_null <illegal_expl_null> | mpls_lookup_miss <mpls_lookup_miss>
| outer_cbl_check <outer_cbl_check> | null_shard_with_e_bit_set <null_shard_with_e_bit_set> | lb_drop
<lb_drop> | nat_fragment <nat_fragment> | illegal_dce_pkt <illegal_dce_pkt> | dci_vnid_xlate_miss
<dci_vnid_xlate_miss> | dci_sclass_xlate_miss <dci_sclass_xlate_miss> | dci_2nd_uc_transit
<dci_2nd_uc_transit> } +
```

Syntax Description

set	Setup Trigger
drpvec	All drop vector fields
parse_err	Parse_Err
parse_err	Parse_Err
outer_ids_g0	Outer_Ids_G0
outer_ids_g0	Outer_Ids_G0
outer_ids_g1	Outer_Ids_G1
outer_ids_g1	Outer_Ids_G1
outer_ids_g2	Outer_Ids_G2

outer_ids_g2	Outer_Ids_G2
outer_ids_g3	Outer_Ids_G3
outer_ids_g3	Outer_Ids_G3
outer_ids_g4	Outer_Ids_G4
outer_ids_g4	Outer_Ids_G4
outer_ids_g5	Outer_Ids_G5
outer_ids_g5	Outer_Ids_G5
outer_ids_g6	Outer_Ids_G6
outer_ids_g6	Outer_Ids_G6
outer_ids_g7	Outer_Ids_G7
outer_ids_g7	Outer_Ids_G7
outer_xlate_miss	Outer_Xlate_Miss
outer_xlate_miss	Outer_Xlate_Miss
infra_encap_src_tep_miss	Infra_Encap_Src_Tep_Miss
infra_encap_src_tep_miss	Infra_Encap_Src_Tep_Miss
infra_encap_type_mismatch	Infra_Encap_Type_Mismatch
infra_encap_type_mismatch	Infra_Encap_Type_Mismatch
uc_tenant_mytep_route_miss	Uc_Tenant_Mytep_Route_Miss
uc_tenant_mytep_route_miss	Uc_Tenant_Mytep_Route_Miss
uc_tenant_mytep_bridge_miss	Uc_Tenant_Mytep_Bridge_Miss
uc_tenant_mytep_bridge_miss	Uc_Tenant_Mytep_Bridge_Miss
arp_nd_ucast_miss	Arp_Nd_Ucast_Miss
arp_nd_ucast_miss	Arp_Nd_Ucast_Miss
mc_dvif_miss	Mc_Dvif_Miss
mc_dvif_miss	Mc_Dvif_Miss
shard_override_vlan_xlate_miss	Shard_Override_Vlan_Xlate_Miss
shard_override_vlan_xlate_miss	Shard_Override_Vlan_Xlate_Miss
fcf_check_failed	Fcf_Check_Failed
fcf_check_failed	Fcf_Check_Failed

ttl_expired	Ttl_Expired
ttl_expired	Ttl_Expired
security_group_deny	Security_Group_Deny
security_group_deny	Security_Group_Deny
mc_iic	Mc_Iic
mc_iic	Mc_Iic
mc_gipo_miss	Mc_Gipo_Miss
mc_gipo_miss	Mc_Gipo_Miss
vif_miss	Vif_Miss
vif_miss	Vif_Miss
missing_vntag	Missing_Vntag
missing_vntag	Missing_Vntag
vlan_xlate_miss	Vlan_Xlate_Miss
vlan_xlate_miss	Vlan_Xlate_Miss
ip_mtu_check_failure	Ip_Mtu_Check_Failure
ip_mtu_check_failure	Ip_Mtu_Check_Failure
uc_rpf_failure	Uc_Rpf_Failure
uc_rpf_failure	Uc_Rpf_Failure
mc_rpf_failure	Mc_Rpf_Failure
mc_rpf_failure	Mc_Rpf_Failure
l3_binding_failure	L3_Binding_Failure
l3_binding_failure	L3_Binding_Failure
nsh_not_allowed	Nsh_Not_Allowed
nsh_not_allowed	Nsh_Not_Allowed
src_vlan_mbr	Src_Vlan_Mbr
src_vlan_mbr	Src_Vlan_Mbr
nsh_src_sw_chk_failed	Nsh_Src_Sw_Chk_Failed
nsh_src_sw_chk_failed	Nsh_Src_Sw_Chk_Failed
l2mp_iic_failed	L2Mp_Iic_Failed

l2mp_iic_failed	L2Mp_Iic_Failed
l2mp_on_ce_bd	L2Mp_On_Ce_Bd
l2mp_on_ce_bd	L2Mp_On_Ce_Bd
l2mp_encap_from_edge	L2Mp_Encap_From_Edge
l2mp_encap_from_edge	L2Mp_Encap_From_Edge
l2mp_noencap_from_core	L2Mp_Noencap_From_Core
l2mp_noencap_from_core	L2Mp_Noencap_From_Core
outer_ttl_expired	Outer_Ttl_Expired
outer_ttl_expired	Outer_Ttl_Expired
incorrect_vntag_type	Incorrect_Vntag_Type
incorrect_vntag_type	Incorrect_Vntag_Type
l2mp_ftag_comp_miss	L2Mp_Ftag_Comp_Miss
l2mp_ftag_comp_miss	L2Mp_Ftag_Comp_Miss
ipv6_uc_link_local_cross_bd	Ipv6_Uc_Link_Local_Cross_Bd
ipv6_uc_link_local_cross_bd	Ipv6_Uc_Link_Local_Cross_Bd
ipv6_mc_sa_local_da_global_svi	Ipv6_Mc_Sa_Local_Da_Global_Svi
ipv6_mc_sa_local_da_global_svi	Ipv6_Mc_Sa_Local_Da_Global_Svi
ipv6_mc_sa_local_da_global_l3if	Ipv6_Mc_Sa_Local_Da_Global_L3If
ipv6_mc_sa_local_da_global_l3if	Ipv6_Mc_Sa_Local_Da_Global_L3If
routing_disabled	Routing_Disabled
routing_disabled	Routing_Disabled
fc_lookup_miss	Fc_Lookup_Miss
fc_lookup_miss	Fc_Lookup_Miss
no_sgt_from_core	No_Sgt_From_Core
no_sgt_from_core	No_Sgt_From_Core
ip_self_fwd_failure	Ip_Self_Fwd_Failure
ip_self_fwd_failure	Ip_Self_Fwd_Failure
acl_drop	Acl_Drop
acl_drop	Acl_Drop

smac_miss	Smac_Miss
smac_miss	Smac_Miss
secure_mac_move	Secure_Mac_Move
secure_mac_move	Secure_Mac_Move
non_secure_mac	Non_Secure_Mac
non_secure_mac	Non_Secure_Mac
l2_binding_failure	L2_Binding_Failure
l2_binding_failure	L2_Binding_Failure
inner_ids_g0	Inner_Ids_G0
inner_ids_g0	Inner_Ids_G0
inner_ids_g1	Inner_Ids_G1
inner_ids_g1	Inner_Ids_G1
inner_ids_g2	Inner_Ids_G2
inner_ids_g2	Inner_Ids_G2
inner_ids_g3	Inner_Ids_G3
inner_ids_g3	Inner_Ids_G3
inner_ids_g4	Inner_Ids_G4
inner_ids_g4	Inner_Ids_G4
inner_ids_g5	Inner_Ids_G5
inner_ids_g5	Inner_Ids_G5
inner_ids_g6	Inner_Ids_G6
inner_ids_g6	Inner_Ids_G6
inner_ids_g7	Inner_Ids_G7
inner_ids_g7	Inner_Ids_G7
infra_encap_src_tep_drop	Infra_Encap_Src_Tep_Drop
infra_encap_src_tep_drop	Infra_Encap_Src_Tep_Drop
split_horizon_check	Split_Horizon_Check
split_horizon_check	Split_Horizon_Check
mc_fib_miss	Mc_Fib_Miss

mc_fib_miss	Mc_Fib_Miss
mc_l2_miss	Mc_L2_Miss
mc_l2_miss	Mc_L2_Miss
uc_df_check_failure	Uc_Df_Check_Failure
uc_df_check_failure	Uc_Df_Check_Failure
uc_pc_cfg_table_drop	Uc_Pc_Cfg_Table_Drop
uc_pc_cfg_table_drop	Uc_Pc_Cfg_Table_Drop
illegal_expl_null	Illegal_Expl_Null
illegal_expl_null	Illegal_Expl_Null
mpls_lookup_miss	Mpls_Lookup_Miss
mpls_lookup_miss	Mpls_Lookup_Miss
outer_cbl_check	Outer_Cbl_Check
outer_cbl_check	Outer_Cbl_Check
null_shard_with_e_bit_set	Null_Shard_With_E_Bit_Set
null_shard_with_e_bit_set	Null_Shard_With_E_Bit_Set
lb_drop	Lb_Drop
lb_drop	Lb_Drop
nat_fragment	Nat_Fragment
nat_fragment	Nat_Fragment
illegal_dce_pkt	Illegal_Dce_Pkt
illegal_dce_pkt	Illegal_Dce_Pkt
dci_vnid_xlate_miss	Dci_Vnid_Xlate_Miss
dci_vnid_xlate_miss	Dci_Vnid_Xlate_Miss
dci_sclass_xlate_miss	Dci_Sclass_Xlate_Miss
dci_sclass_xlate_miss	Dci_Sclass_Xlate_Miss
dci_2nd_uc_transit	Dci_2nd_Uc_Transit
dci_2nd_uc_transit	Dci_2nd_Uc_Transit

Command Mode

- /exec/elamtah/outsel2

set drpvec

```
set drpvec { parse_err <parse_err> | outer_ids_g0 <outer_ids_g0> | outer_ids_g1 <outer_ids_g1> | outer_ids_g2
<outer_ids_g2> | outer_ids_g3 <outer_ids_g3> | outer_ids_g4 <outer_ids_g4> | outer_ids_g5 <outer_ids_g5>
| outer_ids_g6 <outer_ids_g6> | outer_ids_g7 <outer_ids_g7> | outer_xlate_miss <outer_xlate_miss> |
infra_encap_src_tep_miss <infra_encap_src_tep_miss> | infra_encap_type_mismatch
<infra_encap_type_mismatch> | uc_tenant_mytep_route_miss <uc_tenant_mytep_route_miss> |
uc_tenant_mytep_bridge_miss <uc_tenant_mytep_bridge_miss> | arp_nd_ucast_miss <arp_nd_ucast_miss>
| mc_dvif_miss <mc_dvif_miss> | shard_override_vlan_xlate_miss <shard_override_vlan_xlate_miss> |
fcf_check_failed <fcf_check_failed> | ttl_expired <ttl_expired> | security_group_deny <security_group_deny>
| mc_iic <mc_iic> | mc_gipo_miss <mc_gipo_miss> | vif_miss <vif_miss> | missing_vntag <missing_vntag>
| vlan_xlate_miss <vlan_xlate_miss> | ip_mtu_check_failure <ip_mtu_check_failure> | uc_rpf_failure
<uc_rpf_failure> | mc_rpf_failure <mc_rpf_failure> | l3_binding_failure <l3_binding_failure> |
nsh_not_allowed <nsh_not_allowed> | src_vlan_mbr <src_vlan_mbr> | nsh_src_sw_chk_failed
<nsh_src_sw_chk_failed> | l2mp_iic_failed <l2mp_iic_failed> | l2mp_on_ce_bd <l2mp_on_ce_bd> |
l2mp_encap_from_edge <l2mp_encap_from_edge> | l2mp_noencap_from_core <l2mp_noencap_from_core>
| outer_ttl_expired <outer_ttl_expired> | incorrect_vntag_type <incorrect_vntag_type> | l2mp_ftag_comp_miss
<l2mp_ftag_comp_miss> | ipv6_uc_link_local_cross_bd <ipv6_uc_link_local_cross_bd> |
ipv6_mc_sa_local_da_global_svi <ipv6_mc_sa_local_da_global_svi> | ipv6_mc_sa_local_da_global_l3if
<ipv6_mc_sa_local_da_global_l3if> | routing_disabled <routing_disabled> | fc_lookup_miss <fc_lookup_miss>
| no_sgt_from_core <no_sgt_from_core> | ip_self_fwd_failure <ip_self_fwd_failure> | acl_drop <acl_drop>
| smac_miss <smac_miss> | secure_mac_move <secure_mac_move> | non_secure_mac <non_secure_mac>
| l2_binding_failure <l2_binding_failure> | inner_ids_g0 <inner_ids_g0> | inner_ids_g1 <inner_ids_g1> |
inner_ids_g2 <inner_ids_g2> | inner_ids_g3 <inner_ids_g3> | inner_ids_g4 <inner_ids_g4> | inner_ids_g5
<inner_ids_g5> | inner_ids_g6 <inner_ids_g6> | inner_ids_g7 <inner_ids_g7> | infra_encap_src_tep_drop
<infra_encap_src_tep_drop> | split_horizon_check <split_horizon_check> | mc_fib_miss <mc_fib_miss> |
mc_l2_miss <mc_l2_miss> | uc_df_check_failure <uc_df_check_failure> | uc_pc_cfg_table_drop
<uc_pc_cfg_table_drop> | illegal_expl_null <illegal_expl_null> | mpls_lookup_miss <mpls_lookup_miss>
| outer_cbl_check <outer_cbl_check> | null_shard_with_e_bit_set <null_shard_with_e_bit_set> | lb_drop
<lb_drop> | nat_fragment <nat_fragment> | illegal_dce_pkt <illegal_dce_pkt> | dci_vnid_xlate_miss
<dci_vnid_xlate_miss> | dci_sclass_xlate_miss <dci_sclass_xlate_miss> | dci_2nd_uc_transit
<dci_2nd_uc_transit> } +
```

Syntax Description

set	Setup Trigger
drpvec	All drop vector fields
parse_err	Parse_Err
parse_err	Parse_Err
outer_ids_g0	Outer_Ids_G0
outer_ids_g0	Outer_Ids_G0
outer_ids_g1	Outer_Ids_G1
outer_ids_g1	Outer_Ids_G1
outer_ids_g2	Outer_Ids_G2

outer_ids_g2	Outer_Ids_G2
outer_ids_g3	Outer_Ids_G3
outer_ids_g3	Outer_Ids_G3
outer_ids_g4	Outer_Ids_G4
outer_ids_g4	Outer_Ids_G4
outer_ids_g5	Outer_Ids_G5
outer_ids_g5	Outer_Ids_G5
outer_ids_g6	Outer_Ids_G6
outer_ids_g6	Outer_Ids_G6
outer_ids_g7	Outer_Ids_G7
outer_ids_g7	Outer_Ids_G7
outer_xlate_miss	Outer_Xlate_Miss
outer_xlate_miss	Outer_Xlate_Miss
infra_encap_src_tep_miss	Infra_Encap_Src_Tep_Miss
infra_encap_src_tep_miss	Infra_Encap_Src_Tep_Miss
infra_encap_type_mismatch	Infra_Encap_Type_Mismatch
infra_encap_type_mismatch	Infra_Encap_Type_Mismatch
uc_tenant_mytep_route_miss	Uc_Tenant_Mytep_Route_Miss
uc_tenant_mytep_route_miss	Uc_Tenant_Mytep_Route_Miss
uc_tenant_mytep_bridge_miss	Uc_Tenant_Mytep_Bridge_Miss
uc_tenant_mytep_bridge_miss	Uc_Tenant_Mytep_Bridge_Miss
arp_nd_ucast_miss	Arp_Nd_Ucast_Miss
arp_nd_ucast_miss	Arp_Nd_Ucast_Miss
mc_dvif_miss	Mc_Dvif_Miss
mc_dvif_miss	Mc_Dvif_Miss
shard_override_vlan_xlate_miss	Shard_Override_Vlan_Xlate_Miss
shard_override_vlan_xlate_miss	Shard_Override_Vlan_Xlate_Miss
fcf_check_failed	Fcf_Check_Failed
fcf_check_failed	Fcf_Check_Failed

ttl_expired	Ttl_Expired
ttl_expired	Ttl_Expired
security_group_deny	Security_Group_Deny
security_group_deny	Security_Group_Deny
mc_iic	Mc_Iic
mc_iic	Mc_Iic
mc_gipo_miss	Mc_Gipo_Miss
mc_gipo_miss	Mc_Gipo_Miss
vif_miss	Vif_Miss
vif_miss	Vif_Miss
missing_vntag	Missing_Vntag
missing_vntag	Missing_Vntag
vlan_xlate_miss	Vlan_Xlate_Miss
vlan_xlate_miss	Vlan_Xlate_Miss
ip_mtu_check_failure	Ip_Mtu_Check_Failure
ip_mtu_check_failure	Ip_Mtu_Check_Failure
uc_rpf_failure	Uc_Rpf_Failure
uc_rpf_failure	Uc_Rpf_Failure
mc_rpf_failure	Mc_Rpf_Failure
mc_rpf_failure	Mc_Rpf_Failure
l3_binding_failure	L3_Binding_Failure
l3_binding_failure	L3_Binding_Failure
nsh_not_allowed	Nsh_Not_Allowed
nsh_not_allowed	Nsh_Not_Allowed
src_vlan_mbr	Src_Vlan_Mbr
src_vlan_mbr	Src_Vlan_Mbr
nsh_src_sw_chk_failed	Nsh_Src_Sw_Chk_Failed
nsh_src_sw_chk_failed	Nsh_Src_Sw_Chk_Failed
l2mp_iic_failed	L2Mp_Iic_Failed

l2mp_iic_failed	L2Mp_Iic_Failed
l2mp_on_ce_bd	L2Mp_On_Ce_Bd
l2mp_on_ce_bd	L2Mp_On_Ce_Bd
l2mp_encap_from_edge	L2Mp_Encap_From_Edge
l2mp_encap_from_edge	L2Mp_Encap_From_Edge
l2mp_noencap_from_core	L2Mp_Noencap_From_Core
l2mp_noencap_from_core	L2Mp_Noencap_From_Core
outer_ttl_expired	Outer_Ttl_Expired
outer_ttl_expired	Outer_Ttl_Expired
incorrect_vntag_type	Incorrect_Vntag_Type
incorrect_vntag_type	Incorrect_Vntag_Type
l2mp_ftag_comp_miss	L2Mp_Ftag_Comp_Miss
l2mp_ftag_comp_miss	L2Mp_Ftag_Comp_Miss
ipv6_uc_link_local_cross_bd	Ipv6_Uc_Link_Local_Cross_Bd
ipv6_uc_link_local_cross_bd	Ipv6_Uc_Link_Local_Cross_Bd
ipv6_mc_sa_local_da_global_svi	Ipv6_Mc_Sa_Local_Da_Global_Svi
ipv6_mc_sa_local_da_global_svi	Ipv6_Mc_Sa_Local_Da_Global_Svi
ipv6_mc_sa_local_da_global_l3if	Ipv6_Mc_Sa_Local_Da_Global_L3If
ipv6_mc_sa_local_da_global_l3if	Ipv6_Mc_Sa_Local_Da_Global_L3If
routing_disabled	Routing_Disabled
routing_disabled	Routing_Disabled
fc_lookup_miss	Fc_Lookup_Miss
fc_lookup_miss	Fc_Lookup_Miss
no_sgt_from_core	No_Sgt_From_Core
no_sgt_from_core	No_Sgt_From_Core
ip_self_fwd_failure	Ip_Self_Fwd_Failure
ip_self_fwd_failure	Ip_Self_Fwd_Failure
acl_drop	Acl_Drop
acl_drop	Acl_Drop

smac_miss	Smac_Miss
smac_miss	Smac_Miss
secure_mac_move	Secure_Mac_Move
secure_mac_move	Secure_Mac_Move
non_secure_mac	Non_Secure_Mac
non_secure_mac	Non_Secure_Mac
l2_binding_failure	L2_Binding_Failure
l2_binding_failure	L2_Binding_Failure
inner_ids_g0	Inner_Ids_G0
inner_ids_g0	Inner_Ids_G0
inner_ids_g1	Inner_Ids_G1
inner_ids_g1	Inner_Ids_G1
inner_ids_g2	Inner_Ids_G2
inner_ids_g2	Inner_Ids_G2
inner_ids_g3	Inner_Ids_G3
inner_ids_g3	Inner_Ids_G3
inner_ids_g4	Inner_Ids_G4
inner_ids_g4	Inner_Ids_G4
inner_ids_g5	Inner_Ids_G5
inner_ids_g5	Inner_Ids_G5
inner_ids_g6	Inner_Ids_G6
inner_ids_g6	Inner_Ids_G6
inner_ids_g7	Inner_Ids_G7
inner_ids_g7	Inner_Ids_G7
infra_encap_src_tep_drop	Infra_Encap_Src_Tep_Drop
infra_encap_src_tep_drop	Infra_Encap_Src_Tep_Drop
split_horizon_check	Split_Horizon_Check
split_horizon_check	Split_Horizon_Check
mc_fib_miss	Mc_Fib_Miss

mc_fib_miss	Mc_Fib_Miss
mc_l2_miss	Mc_L2_Miss
mc_l2_miss	Mc_L2_Miss
uc_df_check_failure	Uc_Df_Check_Failure
uc_df_check_failure	Uc_Df_Check_Failure
uc_pc_cfg_table_drop	Uc_Pc_Cfg_Table_Drop
uc_pc_cfg_table_drop	Uc_Pc_Cfg_Table_Drop
illegal_expl_null	Illegal_Expl_Null
illegal_expl_null	Illegal_Expl_Null
mpls_lookup_miss	Mpls_Lookup_Miss
mpls_lookup_miss	Mpls_Lookup_Miss
outer_cbl_check	Outer_Cbl_Check
outer_cbl_check	Outer_Cbl_Check
null_shard_with_e_bit_set	Null_Shard_With_E_Bit_Set
null_shard_with_e_bit_set	Null_Shard_With_E_Bit_Set
lb_drop	Lb_Drop
lb_drop	Lb_Drop
nat_fragment	Nat_Fragment
nat_fragment	Nat_Fragment
illegal_dce_pkt	Illegal_Dce_Pkt
illegal_dce_pkt	Illegal_Dce_Pkt
dci_vnid_xlate_miss	Dci_Vnid_Xlate_Miss
dci_vnid_xlate_miss	Dci_Vnid_Xlate_Miss
dci_sclass_xlate_miss	Dci_Sclass_Xlate_Miss
dci_sclass_xlate_miss	Dci_Sclass_Xlate_Miss
dci_2nd_uc_transit	Dci_2nd_Uc_Transit
dci_2nd_uc_transit	Dci_2nd_Uc_Transit

Command Mode

- /exec/elamtah/outsel1

set evpn gateway-ip

[no] set evpn gateway-ip { <addr> }

Syntax Description

no	(Optional) Negate a command or set its defaults
set	Set values in destination routing protocol
evpn	Set BGP EVPN Routes
gateway-ip	Set gateway IP for type 5 EVPN routes
addr	Gateway IP address

Command Mode

- /exec/configure/route-map

set extcomm-list delete

```
{ { set extcomm-list <name> delete } | { no set extcomm-list [ <name> delete ] } }
```

Syntax Description

no	Negate a command or set its defaults
set	Set values in destination routing protocol
extcomm-list	set BGP extcommunity list (for deletion)
name	Extended Community list name
delete	Delete matching extcommunities

Command Mode

- /exec/configure/route-map

set extcommunity 4byteas-generic transitive additive

```
{ set extcommunity 4byteas-generic { { transitive <ext-comm-gen-trans> | non-transitive
<ext-comm-gen-nontrans> } + [ additive ] | additive | none } } | { no set extcommunity 4byteas-generic [ {
transitive <ext-comm-gen-trans> | non-transitive <ext-comm-gen-nontrans> } + [ additive ] | additive | none
] }
```

Syntax Description

no	Negate a command or set its defaults
set	Set values in destination routing protocol
extcommunity	Set BGP extcommunity attribute
4byteas-generic	Generic extended community
additive	(Optional) Add to existing generic extcommunity
none	No extcommunity generic attribute
transitive	Transitive extended community
non-transitive	Non-Transitive extended community
ext-comm-gen-trans	Extcommunity number aa4:nn format
ext-comm-gen-nontrans	Extcommunity number aa4:nn format
ext-comm-gen-trans	(Optional) <ext-comm-gen-nontrans>

Command Mode

- /exec/configure/route-map

set extcommunity color

```
{ set extcommunity color <color-value> } | { no set extcommunity color [ <color-value> ] }
```

Syntax Description

no	Negate a command or set its defaults
set	Set values in destination routing protocol
extcommunity	Set BGP extcommunity attribute
color	Color Extended Community
color-value	Color Community value

Command Mode

- /exec/configure/route-map

set extcommunity cost

```
{ set extcommunity cost { [ igp | pre-bestpath ] <comm-id> <cost-value> } + } | { no set extcommunity cost
[ [ igp | pre-bestpath ] <comm-id> <cost-value> ] + }
```

Syntax Description

no	Negate a command or set its defaults
set	Set values in destination routing protocol
extcommunity	Set BGP extcommunity attribute
cost	Cost
igp	(Optional) Compare following IGP cost comparison
pre-bestpath	(Optional) Compare before all other steps in bestpath calculation
comm-id	Community ID
cost-value	Cost Community value
comm-id	(Optional) <cost-value>

Command Mode

- /exec/configure/route-map

set extcommunity evpn rmac

```
{ set extcommunity evpn rmac <mac-addr> } | { no set extcommunity evpn rmac <mac-addr> }
```

Syntax Description

no	Negate a command or set its defaults
set	Set values in destination routing protocol
extcommunity	Set BGP extcommunity attribute
evpn	EVPN Extended Community
rmac	Router MAC
mac-addr	MAC address

Command Mode

- /exec/configure/route-map

set extcommunity rt additive

```
{ set extcommunity rt { { <ext-comm-rt-aa2nn4> | <ext-comm-rt-aa4nn2> } + [ additive ] | additive } } | {
no set extcommunity rt [ { <ext-comm-rt-aa2nn4> | <ext-comm-rt-aa4nn2> } + [ additive ] | additive ] }
```

Syntax Description

no	Negate a command or set its defaults
set	Set values in destination routing protocol
extcommunity	Set BGP extcommunity attribute
rt	Route-Target
additive	(Optional) Add to existing rt extcommunity
ext-comm-rt-aa2nn4	Extcommunity number
ext-comm-rt-aa4nn2	Extcommunity number
ext-comm-rt-aa2nn4	(Optional) <ext-comm-rt-aa4nn2>

Command Mode

- /exec/configure/route-map

set forwarding-address

[no] set forwarding-address

Syntax Description

no	(Optional) Negate a command or set its defaults
set	Set values in destination routing protocol
forwarding-address	Set the forwarding address

Command Mode

- /exec/configure/route-map

set ieth

```
set ieth { sof <sof_val> | hdr_type <hdr_type> | ext_hd <ext_hd> | opcode <opcode> | src_idx <src_idx> |
dst_idx <dst_idx> | src_chip <src_chip> | src_port <src_port> | dst_chip <dst_chip> | dst_port <dst_port> |
outer_bd <outer_bd> | bd <bd> | traceroute <traceroute> | dont_lrn <dont_lrn> | span <span> | alt_if_prof
<alt_if_prof> | ttl_bypass <ttl_bypass> | src_is_tunl <src_is_tunl> | dst_is_tunl <dst_is_tunl> | l2_tunl <l2_tunl>
| sup_tx <sup_tx> | sup_code <sup_code> | cos_de <cos_de> | tclass <tclass> | src_is_peer <src_is_peer> |
pkt_hash <pkt_hash> } +
```

Syntax Description

set	Setup Trigger
ieth	All iETH Hdr Fields
sof	Start of Frame
sof_val	Start of Frame
hdr_type	Header Type
hdr_type	Header Type
ext_hd	Ext hd
ext_hd	Ext hd
opcode	Opcode
opcode	Opcode
src_idx	Source Index
src_idx	Source Index
dst_idx	Destination Index
dst_idx	Destination Index
src_chip	Source Chip
src_chip	Source Chip
src_port	Source Port
src_port	Source Port
dst_chip	Destination Chip
dst_chip	Destination Chip
dst_port	Destination Port
dst_port	Destination Port

outer_bd	Outer BD
outer_bd	Outer BD
bd	BD
bd	BD
traceroute	Trace Route
traceroute	Trace Route
dont_lrn	Don't Learn
dont_lrn	Don't Learn
span	Span
span	Span
alt_if_prof	Alternate IF Profile
alt_if_prof	Alternate IF Profile
ttn_bypass	TTL Bypass
ttn_bypass	TTL Bypass
src_is_tunl	Source is Tunnel
src_is_tunl	Source is Tunnel
dst_is_tunl	Destination is Tunnel
dst_is_tunl	Destination is Tunnel
l2_tunl	L2 Tunnel
l2_tunl	L2 Tunnel
sup_tx	Sup Tx
sup_tx	Sup Tx
sup_code	Sup Code
sup_code	Sup Code
cos_de	Cos De
cos_de	Cos De
tclass	Tclass
tclass	Tclass
src_is_peer	Source is Peer

src_is_peer	Source is Peer
pkt_hash	Packet Hash
pkt_hash	Packet Hash

Command Mode

- /exec/elamtah/insel10

set ieth

```
set ieth { sof <sof_val> | hdr_type <hdr_type> | ext_hd <ext_hd> | opcode <opcode> | src_idx <src_idx> |
dst_idx <dst_idx> | src_chip <src_chip> | src_port <src_port> | dst_chip <dst_chip> | dst_port <dst_port> |
outer_bd <outer_bd> | bd <bd> | traceroute <traceroute> | dont_lrn <dont_lrn> | span <span> | alt_if_prof
<alt_if_prof> | ttl_bypass <ttl_bypass> | src_is_tunl <src_is_tunl> | dst_is_tunl <dst_is_tunl> | l2_tunl <l2_tunl>
| sup_tx <sup_tx> | sup_code <sup_code> | cos_de <cos_de> | tclass <tclass> | src_is_peer <src_is_peer> |
pkt_hash <pkt_hash> } +
```

Syntax Description

set	Setup Trigger
ieth	All iETH Hdr Fields
sof	Start of Frame
sof_val	Start of Frame
hdr_type	Header Type
hdr_type	Header Type
ext_hd	Ext hd
ext_hd	Ext hd
opcode	Opcode
opcode	Opcode
src_idx	Source Index
src_idx	Source Index
dst_idx	Destination Index
dst_idx	Destination Index
src_chip	Source Chip
src_chip	Source Chip
src_port	Source Port
src_port	Source Port
dst_chip	Destination Chip
dst_chip	Destination Chip
dst_port	Destination Port
dst_port	Destination Port

outer_bd	Outer BD
outer_bd	Outer BD
bd	BD
bd	BD
traceroute	Trace Route
traceroute	Trace Route
dont_lrn	Don't Learn
dont_lrn	Don't Learn
span	Span
span	Span
alt_if_prof	Alternate IF Profile
alt_if_prof	Alternate IF Profile
tth_bypass	TTL Bypass
tth_bypass	TTL Bypass
src_is_tunl	Source is Tunnel
src_is_tunl	Source is Tunnel
dst_is_tunl	Destination is Tunnel
dst_is_tunl	Destination is Tunnel
l2_tunl	L2 Tunnel
l2_tunl	L2 Tunnel
sup_tx	Sup Tx
sup_tx	Sup Tx
sup_code	Sup Code
sup_code	Sup Code
cos_de	Cos De
cos_de	Cos De
tclass	Tclass
tclass	Tclass
src_is_peer	Source is Peer

src_is_peer	Source is Peer
pkt_hash	Packet Hash
pkt_hash	Packet Hash

Command Mode

- /exec/elamtah/inse18

set inner arp

```
set inner arp { target-ip-addr <tipaddr> | target-mac-addr <tmac> | source-ip-addr <sipaddr> | source-mac-addr <smac> | opcode <opcode_val> | prot-addr-len <prot_addr_len> | hw-addr-len <hw_addr_len> | protocol-type <prot_type> | hardware-type <hw_type> | ether-type <etype> | payload-len <pyld_len> } +
```

Syntax Description

set	Setup Trigger
inner	Mask and Match By Inner Packet Fields
arp	ARP Fields
target-ip-addr	ARP Target IP Address
tipaddr	ARP Target IP Address
target-mac-addr	ARP Target MAC Address
tmac	ARP Target MAC Address
source-ip-addr	ARP Source IP Address
sipaddr	ARP Source IP Address
source-mac-addr	ARP Source MAC Address
smac	ARP Source MAC Address
opcode	ARP Opcode
opcode_val	ARP Opcode
prot-addr-len	ARP Protocol Address Length
prot_addr_len	ARP Protocol Address Length
hw-addr-len	ARP Hardware Address Length
hw_addr_len	ARP Hardware Address Length
protocol-type	ARP Protocol Type
prot_type	ARP Protocol Type
hardware-type	ARP Hardware Type
hw_type	ARP Hardware Type
ether-type	ARP Ether Type - 0x0806 -> ARP 0x8035 -> RARP
etype	ARP Ether Type - 0x0806 -> ARP 0x8035 -> RARP
payload-len	ARP Payload Length

pyld_len	ARP Payload Length
----------	--------------------

Command Mode

- /exec/elamtah/insel7

set inner ipv4

```
set { inner | outer } ipv4 [ { l3-type <l3_type> | pyld-len <pyld_len> | v6-vld <v6_vld> | version <ver> |
header-len <hlen> | dscp <dscp_val> | ecn <ecn_val> | packet-len <pkt_len> | more-frags <mf> | fragment-off
<fragoff> | ttl <ttl_val> | next-protocol <nproto> | checksum <csum> | src_ip <sip> | dst_ip <dip> } ] +
```

Syntax Description

set	Setup Trigger
inner	Mask and Match By Inner Packet Fields
outer	Mask and Match By Outer Packet Fields
ipv4	IPv4 Fields
l3-type	(Optional) L3 Packet Type
l3_type	(Optional) L3 Packet Type
pyld-len	(Optional) Payload Length
pyld_len	(Optional) Payload Length
v6-vld	(Optional) IPv6 Valid Information
v6_vld	(Optional) IPv6 Valid Information
version	(Optional) Version
ver	(Optional) Version
header-len	(Optional) Header Length
hlen	(Optional) Header Length
dscp	(Optional) Diff. Serv. Code Point
dscp_val	(Optional) Diff. Serv. Code Point
ecn	(Optional) Explicit Congestion Ntn
ecn_val	(Optional) Explicit Congestion Ntn
packet-len	(Optional) Packet Total Length
pkt_len	(Optional) Packet Total Length
more-frags	(Optional) More Fragments Available
mf	(Optional) More Fragments Available
fragment-off	(Optional) Fragments Offset
fragoff	(Optional) Fragments Offset

ttl	(Optional) Time to Live
ttl_val	(Optional) Time to Live
next-protocol	(Optional) Next(L4) Protocol
nproto	(Optional) Next(L4) Protocol
checksum	(Optional) Checksum
csum	(Optional) Checksum
src_ip	(Optional) Source IP Address
sip	(Optional) Source IP Address
dst_ip	(Optional) Destination IP Address
dip	(Optional) Destination IP Address

Command Mode

- /exec/elanms/sel6

set inner ipv4

```
set inner ipv4 { pyld-len <pyld_len> | version <ver> | header-len <hlen> | dscp <dscp_val> | ecn <ecn_val>
| packet-len <pkt_len> | more- frags <mf> | fragment-off <fragoff> | ttl <ttl_val> | next-protocol <nproto> |
checksum <csum> | src_ip <sip> | dst_ip <dip> } +
```

Syntax Description

set	Setup Trigger
inner	Mask and Match By Inner Packet Fields
ipv4	IPv4 Fields
pyld-len	Payload Length
pyld_len	Payload Length
version	Version
ver	Version
header-len	Header Length
hlen	Header Length
dscp	Diff. Serv. Code Point
dscp_val	Diff. Serv. Code Point
ecn	Explicit Congestion Ntn
ecn_val	Explicit Congestion Ntn
packet-len	Packet Total Length
pkt_len	Packet Total Length
more-frags	More Fragments Available
mf	More Fragments Available
fragment-off	Fragments Offset
fragoff	Fragments Offset
ttl	Time to Live
ttl_val	Time to Live
next-protocol	Next Protocol
nproto	Next Protocol
checksum	Checksum

csum	Checksum
src_ip	Source IP Address
sip	Source IP Address
dst_ip	Destination IP Address
dip	Destination IP Address

Command Mode

- /exec/elamtah/insel7

set inner ipv4

```
set inner ipv4 [ { l3-type <l3_type> | pyld-len <pyld_len> | v6-vld <v6_vld> | version <ver> | header-len <hlen> | dscp <dscp_val> | ecn <ecn_val> | packet-len <pkt_len> | more-frags <mf> | fragment-off <fragoff> | ttl <ttl_val> | next-protocol <nproto> | checksum <csum> | src_ip <sip> | dst_ip <dip> } ] +
```

Syntax Description

set	Setup Trigger
inner	Mask and Match By Inner Packet Fields
ipv4	IPv4 Fields
l3-type	(Optional) L3 Packet Type
l3_type	(Optional) L3 Packet Type
pyld-len	(Optional) Payload Length
pyld_len	(Optional) Payload Length
v6-vld	(Optional) IPv6 Valid Information
v6_vld	(Optional) IPv6 Valid Information
version	(Optional) Version
ver	(Optional) Version
header-len	(Optional) Header Length
hlen	(Optional) Header Length
dscp	(Optional) Diff. Serv. Code Point
dscp_val	(Optional) Diff. Serv. Code Point
ecn	(Optional) Explicit Congestion Ntn
ecn_val	(Optional) Explicit Congestion Ntn
packet-len	(Optional) Packet Total Length
pkt_len	(Optional) Packet Total Length
more-frags	(Optional) More Fragments Available
mf	(Optional) More Fragments Available
fragment-off	(Optional) Fragments Offset
fragoff	(Optional) Fragments Offset
ttl	(Optional) Time to Live

ttl_val	(Optional) Time to Live
next-protocol	(Optional) Next(L4) Protocol
nproto	(Optional) Next(L4) Protocol
checksum	(Optional) Checksum
csum	(Optional) Checksum
src_ip	(Optional) Source IP Address
sip	(Optional) Source IP Address
dst_ip	(Optional) Destination IP Address
dip	(Optional) Destination IP Address

Command Mode

- /exec/elamns/sel4

set inner ipv6 src_ip

```
set inner ipv6 { src_ip <src_ip> | dst_ip <dst_ip> } +
```

Syntax Description

set	Setup Trigger
inner	Mask and Match By Inner Packet Fields
ipv6	IPv6 Fields
src_ip	Source IP Address
dst_ip	Destination IP Address

Command Mode

- /exec/elamtah/insel7

set inner l2

```
set inner l2 { snap_vld <snap_vld> | cntag_vld <cntag_vld> | qtag_vld <qtag_vld> | vlan <vlan_id> | cos
<cos_val> | cfi <cfi_vld> | vntag_vld <vntag_vld> | vntag_svif <vntag_svif> | vntag_dvif <vntag_dvif> |
vntag_looped <vntag_loop> | vntag_pointer <vntag_p> | src_mac <smac> | dst_mac <dmac> } +
```

Syntax Description

set	Setup Trigger
inner	Mask and Match By Inner Packet Fields
l2	All Layer 2 Fields
snap_vld	SNAP Header Information Valid
snap_vld	SNAP Header Information Valid
cntag_vld	CNTag Information Valid
cntag_vld	CNTag Information Valid
qtag_vld	VLAN Tag Information Valid
qtag_vld	VLAN Tag Information Valid
vlan	VLAN Id (Present only in case of FEX)
vlan_id	VLAN Id
cos	Class of Service
cos_val	Class of Service Type
cfi	CFI Setting
cfi_vld	CFI Setting Valid
vntag_vld	VNTAG Information Valid
vntag_vld	VNTAG Information Valid
vntag_svif	VNTAG Source vif
vntag_svif	VNTAG Source vif
vntag_dvif	VNTAG Destination vif
vntag_dvif	VNTAG Destination vif
vntag_looped	VNTAG Header Looped Valid
vntag_loop	VNTAG Header Looped Valid
vntag_pointer	VNTAG Header Pointer Valid

vntag_p	VNTAG Header Pointer Valid
src_mac	Source MAC Address
smac	Source MAC Address Value
dst_mac	Destination MAC Address
dmac	Destination MAC Address Value

Command Mode

- /exec/elamtah/insel7

set inner l2

```
set { inner | outer } l2 [ { snap_vld <snap_vld> | cntag_vld <cntag_vld> | qtag_vld <qtag_vld> | vlan <vlan_id>
| cos <cos_val> | cfi <cfi_vld> | vntag_vld <vntag_vld> | vntag_svif <vntag_svif> | vntag_dvif <vntag_dvif>
| vntag_looped <vntag_loop> | vntag_pointer <vntag_p> | src_mac <smac> | dst_mac <dmac> } ] +
```

Syntax Description

set	Setup Trigger
inner	Mask and Match By Inner Packet Fields
outer	Mask and Match By Outer Packet Fields
l2	All Layer 2 Fields
snap_vld	(Optional) SNAP Header Information Valid
snap_vld	(Optional) SNAP Header Information Valid
cntag_vld	(Optional) CNTag Information Valid
cntag_vld	(Optional) CNTag Information Valid
qtag_vld	(Optional) VLAN Tag Information Valid
qtag_vld	(Optional) VLAN Tag Information Valid
vlan	(Optional) VLAN Id (Present only in case of FEX)
vlan_id	(Optional) VLAN Id
cos	(Optional) Class of Service
cos_val	(Optional) Class of Service Type
cfi	(Optional) CFI Setting
cfi_vld	(Optional) CFI Setting Valid
vntag_vld	(Optional) VNTAG Information Valid
vntag_vld	(Optional) VNTAG Information Valid
vntag_svif	(Optional) VNTAG Source vif
vntag_svif	(Optional) VNTAG Source vif
vntag_dvif	(Optional) VNTAG Destination vif
vntag_dvif	(Optional) VNTAG Destination vif
vntag_looped	(Optional) VNTAG Header Looped Valid
vntag_loop	(Optional) VNTAG Header Looped Valid

vntag_pointer	(Optional) VNTAG Header Pointer Valid
vntag_p	(Optional) VNTAG Header Pointer Valid
src_mac	(Optional) Source MAC Address
smac	(Optional) Source MAC Address Value
dst_mac	(Optional) Destination MAC Address
dmac	(Optional) Destination MAC Address Value

Command Mode

- /exec/elanms/sel5

set inner l2

```
set inner l2 [ { snap_vld <snap_vld> | cntag_vld <cntag_vld> | qtag_vld <qtag_vld> | vlan <vlan_id> | cos
<cos_val> | cfi <cfi_vld> | vntag_vld <vntag_vld> | vntag_svif <vntag_svif> | vntag_dvif <vntag_dvif> |
vntag_looped <vntag_loop> | vntag_pointer <vntag_p> | src_mac <smac> | dst_mac <dmac> } ] +
```

Syntax Description

set	Setup Trigger
inner	Mask and Match By Inner Packet Fields
l2	All Layer 2 Fields
snap_vld	(Optional) SNAP Header Information Valid
snap_vld	(Optional) SNAP Header Information Valid
cntag_vld	(Optional) CNTag Information Valid
cntag_vld	(Optional) CNTag Information Valid
qtag_vld	(Optional) VLAN Tag Information Valid
qtag_vld	(Optional) VLAN Tag Information Valid
vlan	(Optional) VLAN Id (Present only in case of FEX)
vlan_id	(Optional) VLAN Id
cos	(Optional) Class of Service
cos_val	(Optional) Class of Service Type
cfi	(Optional) CFI Setting
cfi_vld	(Optional) CFI Setting Valid
vntag_vld	(Optional) VNTAG Information Valid
vntag_vld	(Optional) VNTAG Information Valid
vntag_svif	(Optional) VNTAG Source vif
vntag_svif	(Optional) VNTAG Source vif
vntag_dvif	(Optional) VNTAG Destination vif
vntag_dvif	(Optional) VNTAG Destination vif
vntag_looped	(Optional) VNTAG Header Looped Valid
vntag_loop	(Optional) VNTAG Header Looped Valid
vntag_pointer	(Optional) VNTAG Header Pointer Valid

vntag_p	(Optional) VNTAG Header Pointer Valid
src_mac	(Optional) Source MAC Address
smac	(Optional) Source MAC Address Value
dst_mac	(Optional) Destination MAC Address
dmac	(Optional) Destination MAC Address Value

Command Mode

- /exec/elanms/sel4

set inner l2 hg2

```
set { inner | outer } l2 hg2 [ { hg2_vid <hg2_vlan> | hg2_ppd_type <hg2_ppd_type> | hg2_mirror <hg2_mirror>
| hg2_opcode <hg2_opcode> | hg2_dstpid <hg2_dpid> | hg2_dstmod <hg2_dmod> | hg2_srcpid <hg2_spid>
| hg2_srcmod <hg2_smod> | hg2_l3vld <hg2_l3_vld> | hg2_tc <hg2_tc> | hg2_dp <hg2_dp> | hg2_mcast
<hg2_mcast_vld> | hg2-vld <hg2_vld> | hg2-cos <hg2_cos> } ] +
```

Syntax Description

set	Setup Trigger
inner	Mask and Match By Inner Packet Fields
outer	Mask and Match By Outer Packet Fields
l2	All Layer 2 Fields
hg2	High Gig2 Fields
hg2_vid	(Optional) High Gig2 VLAN Tag
hg2_vlan	(Optional) High Gig2 VLAN Tag Information
hg2_ppd_type	(Optional) High Gig2 Packet Processing Descriptor
hg2_ppd_type	(Optional) High Gig2 Packet Processing Descriptor
hg2_mirror	(Optional) High Gig2 Packet Mirror Information
hg2_mirror	(Optional) High Gig2 Packet Mirror Information
hg2_opcode	(Optional) High Gig2 Packet Type
hg2_opcode	(Optional) High Gig2 Packet Type
hg2_dstpid	(Optional) High Gig2 Destination Port ID
hg2_dpid	(Optional) High Gig2 Destination Port ID
hg2_dstmod	(Optional) High Gig2 Destination Module ID
hg2_dmod	(Optional) High Gig2 Destination Module ID
hg2_srcpid	(Optional) High Gig2 Source Port ID
hg2_spid	(Optional) High Gig2 Source Port ID
hg2_srcmod	(Optional) High Gig2 Souce Module ID
hg2_smod	(Optional) High Gig2 Souce Module ID
hg2_l3vld	(Optional) High Gig2 Packet L3 Switched
hg2_l3_vld	(Optional) High Gig2 Packet L3 Switched

hg2_tc	(Optional) High Gig2 Packet Traffic Class
hg2_tc	(Optional) High Gig2 Packet Traffic Class
hg2_dp	(Optional) High Gig2 Drop Precedence
hg2_dp	(Optional) High Gig2 Drop Precedence
hg2_mcast	(Optional) High Gig2 MultiCast Forwarding Information
hg2_mcast_vld	(Optional) High Gig2 Multicast Forwarding Information
hg2-vld	(Optional) High Gig2 Valid Information
hg2_vld	(Optional) High Gig2 Valid Information
hg2-cos	(Optional) High Gig2 CoS Information
hg2_cos	(Optional) High Gig2 CoS Information

Command Mode

- /exec/elamns/sel5

set inner l2 hg2

```
set inner l2 hg2 [ { hg2_vid <hg2_vlan> | hg2_ppd_type <hg2_ppd_type> | hg2_mirror <hg2_mirror> |
hg2_opcode <hg2_opcode> | hg2_dstpid <hg2_dpid> | hg2_dstmod <hg2_dmod> | hg2_srcpid <hg2_spid>
| hg2_srcmod <hg2_smod> | hg2_l3vld <hg2_l3_vld> | hg2_tc <hg2_tc> | hg2_dp <hg2_dp> | hg2_mcast
<hg2_mcast_vld> | hg2-vld <hg2_vld> | hg2-cos <hg2_cos> } ] +
```

Syntax Description

set	Setup Trigger
inner	Mask and Match By Inner Packet Fields
l2	All Layer 2 Fields
hg2	High Gig2 Fields
hg2_vid	(Optional) High Gig2 VLAN Tag
hg2_vlan	(Optional) High Gig2 VLAN Tag Information
hg2_ppd_type	(Optional) High Gig2 Packet Processing Descriptor
hg2_ppd_type	(Optional) High Gig2 Packet Processing Descriptor
hg2_mirror	(Optional) High Gig2 Packet Mirror Information
hg2_mirror	(Optional) High Gig2 Packet Mirror Information
hg2_opcode	(Optional) High Gig2 Packet Type
hg2_opcode	(Optional) High Gig2 Packet Type
hg2_dstpid	(Optional) High Gig2 Destination Port ID
hg2_dpid	(Optional) High Gig2 Destination Port ID
hg2_dstmod	(Optional) High Gig2 Destination Module ID
hg2_dmod	(Optional) High Gig2 Destination Module ID
hg2_srcpid	(Optional) High Gig2 Source Port ID
hg2_spid	(Optional) High Gig2 Source Port ID
hg2_srcmod	(Optional) High Gig2 Souce Module ID
hg2_smod	(Optional) High Gig2 Souce Module ID
hg2_l3vld	(Optional) High Gig2 Packet L3 Switched
hg2_l3_vld	(Optional) High Gig2 Packet L3 Switched
hg2_tc	(Optional) High Gig2 Packet Traffic Class

hg2_tc	(Optional) High Gig2 Packet Traffic Class
hg2_dp	(Optional) High Gig2 Drop Precedence
hg2_dp	(Optional) High Gig2 Drop Precedence
hg2_mcast	(Optional) High Gig2 MultiCast Forwarding Information
hg2_mcast_vld	(Optional) High Gig2 Multicast Forwarding Information
hg2-vld	(Optional) High Gig2 Valid Information
hg2_vld	(Optional) High Gig2 Valid Information
hg2-cos	(Optional) High Gig2 CoS Information
hg2_cos	(Optional) High Gig2 CoS Information

Command Mode

- /exec/elanms/sel4

set inner l4

```
set inner l4 [ { src-port <sport> | dst-port <dport> | packet-len <pkt_len> | checksum <csum> | flags <flag_val>
} ] +
```

Syntax Description

set	Setup Trigger
inner	Mask and Match By Inner Packet Fields
l4	L4 Fields
src-port	(Optional) Source Port Information
sport	(Optional) Source Port
dst-port	(Optional) Destination Port Information
dport	(Optional) Destination Port
packet-len	(Optional) Packet Length
pkt_len	(Optional) Packet Length
checksum	(Optional) Checksum
csum	(Optional) Checksum
flags	(Optional) L4 Flags
flag_val	(Optional) L4 Flags

Command Mode

- /exec/elanms/set4

set inner l4

```
set inner l4 { l4-type <l4_type> | src-port <sport> | dst-port <dport> | packet-len <pkt_len> | checksum <csum>
| flags <flag_val> | tn-nonce <tn_nonce> | tn-lsb <tn_lsb> | tn-nonce-info <tn_nonce_info> | tn-lsb-info
<tn_lsb_info> | vnid <vnid_val> | nd-type <nd_type> | nd-code <nd_code> | nd-flags <nd_flags> | nd-ip
<nd_ip> | nonce-lb <nonce_lb> | nonce-dl <nonce_dl> | nonce-e <nonce_e> | nonce-sp <nonce_sp> | nonce-dp
<nonce_dp> | nonce-dre <nonce_dre> | sclass <sclass> | lsb-m <lsb_m> | lsb-lb-tag <lsb_lb_tag> | lsb-lb-metric
<lsb_lb_metric> } +
```

Syntax Description

set	Setup Trigger
inner	Mask and Match By Inner Packet Fields
l4	L4 Fields
l4-type	L4 Type - 0:TCP 1:UDP 2:IVXLAN 3:VXLAN 4:NVGRE 7:ND
l4_type	L4 Type Value - 0:TCP 1:UDP 2:IVXLAN 3:VXLAN 4:NVGRE 7:ND
src-port	Source Port Information
sport	Source Port
dst-port	Destination Port Information
dport	Destination Port
packet-len	Packet Length
pkt_len	Packet Length
checksum	Checksum
csum	Checksum
flags	L4 Flags
flag_val	L4 Flags
tn-nonce	Nonce valid
tn_nonce	Nonce valid
tn-lsb	Lsb valid
tn_lsb	Lsb valid
tn-nonce-info	Nonce Info
tn_nonce_info	Nonce Info
tn-lsb-info	Lsb Info

tn_lsb_info	Lsb Info
vnid	Virtual Network Id
vnid_val	Virtual Network Id
nd-type	ND Type
nd_type	ND Type
nd-code	ND Code
nd_code	ND Code
nd-flags	ND Flags
nd_flags	ND Flags
nd-ip	ND IP
nonce-lb	Nonce Load Balance
nonce_lb	Nonce Load Balance
nonce-dl	Nonce Don't Learn
nonce_dl	Nonce Don't Learn
nonce-e	Nonce Exception
nonce_e	Nonce Exception
nonce-sp	Nonce Src Policy applied
nonce_sp	Nonce Src Policy applied
nonce-dp	Nonce Dst Policy applied
nonce_dp	Nonce Dst Policy applied
nonce-dre	Nonce Congestion Est.
nonce_dre	Nonce Congestion Est.
sclass	Nonce Src Class
sclass	Nonce Src Class
lsb-m	Lsb Marker
lsb_m	Lsb Marker
lsb-lb-tag	Lsb LB Tag
lsb_lb_tag	Lsb LB Tag
lsb-lb-metric	Lsb LB Metric

lsb_lb_metric	Lsb LB Metric
---------------	---------------

Command Mode

- /exec/elamtah/inse17

set inner l4

```
set { inner | outer } l4 [ { src-port <sport> | dst-port <dport> | packet-len <pkt_len> | checksum <csum> | flags
<flag_val> } ] +
```

Syntax Description

set	Setup Trigger
inner	Mask and Match By Inner Packet Fields
outer	Mask and Match By Outer Packet Fields
l4	L4 Fields
src-port	(Optional) Source Port Information
sport	(Optional) Source Port
dst-port	(Optional) Destination Port Information
dport	(Optional) Destination Port
packet-len	(Optional) Packet Length
pkt_len	(Optional) Packet Length
checksum	(Optional) Checksum
csum	(Optional) Checksum
flags	(Optional) L4 Flags
flag_val	(Optional) L4 Flags

Command Mode

- /exec/elanms/se17

set inner mpls

```
set inner mpls { l3-type <l3_type> | label0_lbl <label0_lbl> | label0_ttl <label0_ttl> | label0_sbit <label0_sbit>
| label1_lbl <label1_lbl> | label1_ttl <label1_ttl> | label1_sbit <label1_sbit> | label2_lbl <label2_lbl> | label2_ttl
<label2_ttl> | label2_sbit <label2_sbit> | label3_lbl <label3_lbl> | label3_ttl <label3_ttl> | label3_sbit
<label3_sbit> | label4_lbl <label4_lbl> | label4_ttl <label4_ttl> | label4_sbit <label4_sbit> | label5_lbl
<label5_lbl> | label5_ttl <label5_ttl> | label5_sbit <label5_sbit> } +
```

Syntax Description

set	Setup Trigger
inner	Mask and Match By Inner Packet Fields
mpls	MPLS Fields
l3-type	L3 Type - 0:CE 1:FC 2:IPv4 3:IPv6 4:ARP 5:MPLS
l3_type	L3 Type Value - 0:CE 1:FC 2:IPv4 3:IPv6 4:ARP 5:MPLS
label0_lbl	MPLS Label0 Label value
label0_lbl	MPLS Label0 Label value
label0_ttl	MPLS Label0 Time to Live
label0_ttl	MPLS Label0 Time to Live
label0_sbit	MPLS Label0 End of Stack
label0_sbit	MPLS Label0 End of Stack
label1_lbl	MPLS Label1 Label value
label1_lbl	MPLS Label1 Label value
label1_ttl	MPLS Label1 Time to Live
label1_ttl	MPLS Label1 Time to Live
label1_sbit	MPLS Label1 End of Stack
label1_sbit	MPLS Label1 End of Stack
label2_lbl	MPLS Label2 Label value
label2_lbl	MPLS Label2 Label value
label2_ttl	MPLS Label2 Time to Live
label2_ttl	MPLS Label2 Time to Live
label2_sbit	MPLS Label2 End of Stack
label2_sbit	MPLS Label2 End of Stack

label3_lbl	MPLS Label3 Label value
label3_lbl	MPLS Label3 Label value
label3_ttl	MPLS Label3 Time to Live
label3_ttl	MPLS Label3 Time to Live
label3_sbit	MPLS Label3 End of Stack
label3_sbit	MPLS Label3 End of Stack
label4_lbl	MPLS Label4 Label value
label4_lbl	MPLS Label4 Label value
label4_ttl	MPLS Label4 Time to Live
label4_ttl	MPLS Label4 Time to Live
label4_sbit	MPLS Label4 End of Stack
label4_sbit	MPLS Label4 End of Stack
label5_lbl	MPLS Label5 Label value
label5_lbl	MPLS Label5 Label value
label5_ttl	MPLS Label5 Time to Live
label5_ttl	MPLS Label5 Time to Live
label5_sbit	MPLS Label5 End of Stack
label5_sbit	MPLS Label5 End of Stack

Command Mode

- /exec/elamtah/insel7

set interface

[no] set interface <i>iface</i>

Syntax Description

no	(Optional) Negate a command or set its defaults
set	Set values in destination routing protocol
interface	Output interface
iface	Interface name

Command Mode

- /exec/configure/route-map

set interval find-new-host

[no] set interval find-new-host <val>

Syntax Description

no	(Optional) Negate a command or set its defaults
set	Set vmtracker options
interval	Set the polling interval
find-new-host	Set interval for the new host searching timer
val	The host search interval value in seconds (0 to disable)

Command Mode

- /exec/configure/vmt-conn

set interval sync-full-info

[no] set interval sync-full-info <val>

Syntax Description

no	(Optional) Negate a command or set its defaults
set	Set vmtracker options
interval	Set the polling interval
sync-full-info	Set interval for syncing complete info from host
val	The sync info interval value in seconds (0 to disable)

Command Mode

- /exec/configure/vmt-conn

set ip address prefix-list

[no] set ip address prefix-list <name>

Syntax Description

no	(Optional) Negate a command or set its defaults
set	Set values in destination routing protocol
ip	Configure IP features
address	Specify IP address
prefix-list	IP prefix-list
name	Name of prefix list

Command Mode

- /exec/configure/route-map

set ip default next-hop

[no] set ip default next-hop [recursive] { load-share | <addr1> + [load-share] }

Syntax Description

no	(Optional) Negate a command or set its defaults
set	Set values in destination routing protocol
ip	Configure IP features
recursive	THIS KEYWORD OR VARIABLE IS NOT SUPPORTED
default	Set default next-hop
next-hop	Next hop address
addr1	IP address of next hop
load-share	Enables load sharing

Command Mode

- /exec/configure/route-map

set ip default next-hop verify-availability

```
[no] set ip default next-hop verify-availability { <addr> [ track <object_id> ] } [ load-share ]
```

Syntax Description

no	(Optional) Negate a command or set its defaults
set	Set values in destination routing protocol
ip	Configure IP features
default	Set default next-hop
next-hop	Next hop address
verify-availability	Verify the reachability of the tracked object
addr	IP address of next hop
track	(Optional) The tracking method is track
object_id	(Optional) Object number that the tracking subsystem is tracking
load-share	(Optional) Enables load sharing

Command Mode

- /exec/configure/route-map

set ip next-hop

```
[no] set ip next-hop [ recursive ] { [ <addr1> + ] { { [ drop-on-fail ] [ load-share ] [ force-order ] } | { [ drop-on-fail ] [ force-order ] [ load-share ] } | { [ load-share ] [ drop-on-fail ] [ force-order ] } | { [ load-share ] [ force-order ] [ drop-on-fail ] } | { [ force-order ] [ drop-on-fail ] [ load-share ] } | { [ force-order ] [ load-share ] [ drop-on-fail ] } } }
```

Syntax Description

no	(Optional) Negate a command or set its defaults
set	Set values in destination routing protocol
ip	Configure IP features
recursive	THIS KEYWORD OR VARIABLE IS NOT SUPPORTED
next-hop	Next hop address
addr1	(Optional) IP address of next hop
load-share	(Optional) Enables load sharing
force-order	(Optional) Maintains next-hop order as per cli config
drop-on-fail	(Optional) Drop packets when next-hop unreachable

Command Mode

- /exec/configure/route-map

set ip next-hop peer-address

[no] set ip next-hop peer-address

Syntax Description

no	(Optional) Negate a command or set its defaults
set	Set values in destination routing protocol
ip	Configure IP features
next-hop	Next hop address
peer-address	Use peer address (for BGP only)

Command Mode

- /exec/configure/route-map

set ip next-hop redistrib-unchanged

[no] set ip next-hop redistrib-unchanged

Syntax Description

no	(Optional) Negate a command or set its defaults
set	Set values in destination routing protocol
ip	Configure IP features
next-hop	Next hop address
redistrib-unchanged	Use unchanged address during redistribution (for BGP session only)

Command Mode

- /exec/configure/route-map

set ip next-hop unchanged

[no] set ip next-hop unchanged

Syntax Description

no	(Optional) Negate a command or set its defaults
set	Set values in destination routing protocol
ip	Configure IP features
next-hop	Next hop address
unchanged	Use unchanged address (for eBGP session only)

Command Mode

- /exec/configure/route-map

set ip next-hop verify-availability

[no] set ip next-hop verify-availability { <addr> [track <object_id>] } [load-share]

Syntax Description

no	(Optional) Negate a command or set its defaults
set	Set values in destination routing protocol
ip	Configure IP features
next-hop	Next hop address
verify-availability	Verify the reachability of the tracked object
addr	IP address of next hop
track	(Optional) The tracking method is track
object_id	(Optional) Object number that the tracking subsystem is tracking
load-share	(Optional) Enables load sharing

Command Mode

- /exec/configure/route-map

set ip precedence

```
{ set ip precedence { <value> | <name> } } | { no set ip precedence [ <value> | <name> ] }
```

Syntax Description

no	Negate a command or set its defaults
set	Set values in destination routing protocol
ip	Configure IP features
precedence	Set precedence field
value	Precedence value
name	Precedence value

Command Mode

- /exec/configure/route-map

set ipv6 address prefix-list

[no] set ipv6 address prefix-list <name>

Syntax Description

no	(Optional) Negate a command or set its defaults
set	Set values in destination routing protocol
ipv6	Configure IPv6 features
address	Specify IP address
prefix-list	IPv6 prefix-list
name	Name of prefix list

Command Mode

- /exec/configure/route-map

set ipv6 default next-hop

```
[no] set ipv6 default next-hop [ recursive ] { load-share | <addr1> + [ load-share ] }
```

Syntax Description

no	(Optional) Negate a command or set its defaults
set	Set values in destination routing protocol
ipv6	Configure IPv6 features
recursive	THIS KEYWORD OR VARIABLE IS NOT SUPPORTED
default	Set default next-hop
next-hop	Next hop address
load-share	Enables load sharing
addr1	

Command Mode

- /exec/configure/route-map

set ipv6 default next-hop verify-availability

[no] set ipv6 default next-hop verify-availability { <addr> [track <object_id>] } [load-share]

Syntax Description

no	(Optional) Negate a command or set its defaults
set	Set values in destination routing protocol
ipv6	Configure IPv6 features
next-hop	Next hop address
default	Set default next-hop
verify-availability	Verify the reachability of the tracked object
track	(Optional) The tracking method is track
object_id	(Optional) Object number that the tracking subsystem is tracking
load-share	(Optional) Enables load sharing

Command Mode

- /exec/configure/route-map

set ipv6 next-hop

```
[no] set ipv6 next-hop { [ <addr> + ] { { [ drop-on-fail ] [ load-share ] [ force-order ] } | { [ drop-on-fail ] [ force-order ] [ load-share ] } | { [ load-share ] [ drop-on-fail ] [ force-order ] } | { [ load-share ] [ force-order ] [ drop-on-fail ] } | { [ force-order ] [ drop-on-fail ] [ load-share ] } | { [ force-order ] [ load-share ] [ drop-on-fail ] } } }
```

Syntax Description

no	(Optional) Negate a command or set its defaults
set	Set values in destination routing protocol
ipv6	Configure IPv6 features
next-hop	Next hop ipv6 address
load-share	(Optional) Enables load sharing
force-order	(Optional) Enables Next-hop ordering as per cli
drop-on-fail	(Optional) Drop packets when next-hop unreachable
addr	(Optional)

Command Mode

- /exec/configure/route-map

set ipv6 next-hop peer-address

[no] set ipv6 next-hop peer-address

Syntax Description

no	(Optional) Negate a command or set its defaults
set	Set values in destination routing protocol
ipv6	Configure IPv6 features
next-hop	Next hop address
peer-address	Use peer address (for BGP only)

Command Mode

- /exec/configure/route-map

set ipv6 next-hop redist-unchanged

[no] set ipv6 next-hop redist-unchanged

Syntax Description

no	(Optional) Negate a command or set its defaults
set	Set values in destination routing protocol
ipv6	Configure IPv6 features
next-hop	Next hop address
redist-unchanged	Use unchanged address during redistribution (for BGP session only)

Command Mode

- /exec/configure/route-map

set ipv6 next-hop unchanged

[no] set ipv6 next-hop unchanged

Syntax Description

no	(Optional) Negate a command or set its defaults
set	Set values in destination routing protocol
ipv6	Configure IPv6 features
next-hop	Next hop address
unchanged	Use unchanged address (for eBGP session only)

Command Mode

- /exec/configure/route-map

set ipv6 next-hop verify-availability

[no] set ipv6 next-hop verify-availability { <addr> [track <object_id>] } [load-share]

Syntax Description

no	(Optional) Negate a command or set its defaults
set	Set values in destination routing protocol
ipv6	Configure IPv6 features
next-hop	Next hop address
verify-availability	Verify the reachability of the tracked object
track	(Optional) The tracking method is track
object_id	(Optional) Object number that the tracking subsystem is tracking
load-share	(Optional) Enables load sharing

Command Mode

- /exec/configure/route-map

set ipv6 precedence

```
{ set ipv6 precedence { <value> | <name> } } | { no set ipv6 precedence [ <value> | <name> ] }
```

Syntax Description

no	Negate a command or set its defaults
set	Set values in destination routing protocol
ipv6	Configure IPv6 features
precedence	Set precedence field
value	Precedence value
name	Precedence value

Command Mode

- /exec/configure/route-map

set label-index

```
{ { set label-index <value> } | { no set label-index [ <value> ] } }
```

Syntax Description

no	Negate a command or set its defaults
set	Set values in destination routing protocol
label-index	Set Segment Routing (SR) label index of route
value	Segment Routing (SR) label index

Command Mode

- /exec/configure/route-map

set level level-1 level-1-2 level-2

```
{ set level { level-1 | level-1-2 | level-2 } } | { no set level [ level-1 | level-1-2 | level-2 ] }
```

Syntax Description

no	Negate a command or set its defaults
set	Set values in destination routing protocol
level	Where to import route
level-1	Import into a level-1 area
level-1-2	Import into level-1 and level-2
level-2	Import into level-2 sub-domain

Command Mode

- /exec/configure/route-map

set local-preference

```
{ set local-preference <pref> | no set local-preference [ <pref> ] }
```

Syntax Description

no	Negate a command or set its defaults
set	Set values in destination routing protocol
local-preference	BGP local preference path attribute
pref	Preference value

Command Mode

- /exec/configure/route-map

set metric

```
{ set metric <metric0> [ <metric1> <metric2> <metric3> <metric4> ] } | { no set metric [ <metric0> [ <metric1> <metric2> <metric3> <metric4> ] ] }
```

Syntax Description

no	Negate a command or set its defaults
set	Set values in destination routing protocol
metric	Set metric for destination routing protocol
metric0	[+/-] Metric value or Bandwidth in Kbits per second
metric1	(Optional) IGRP delay metric
metric2	(Optional) IGRP reliability metric where 255 is 100% reliable
metric3	(Optional) IGRP Effective bandwidth metric (Loading) 255 is 100%
metric4	(Optional) IGRP MTU of the path

Command Mode

- /exec/configure/route-map

set mpls-exp-topmost cos table exp-cos-map

[no] set mpls-exp-topmost cos table exp-cos-map

Syntax Description

no	(Optional) Negate a command or set its defaults
set	Set attribute
mpls-exp-topmost	MPLS experimental topmost
cos	IEEE 802.1Q Class of Service
table	Table map
exp-cos-map	Exp to cos table map name (reserved)

Command Mode

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

set nssa-only

[no] set nssa-only

Syntax Description

no	(Optional) Negate a command or set its defaults
set	Set values in destination routing protocol
nssa-only	OSPF NSSA Areas

Command Mode

- /exec/configure/route-map

set origin egp igp incomplete

```
{ set origin { egp | igp | incomplete } } | { no set origin [ { egp | igp | incomplete } ] }
```

Syntax Description

no	Negate a command or set its defaults
set	Set values in destination routing protocol
origin	BGP origin code
egp	remote EGP
igp	local IGP
incomplete	unknown heritage

Command Mode

- /exec/configure/route-map

set outer arp

```
set outer arp { target-ip-addr <tipaddr> | target-mac-addr <tmac> | source-ip-addr <sipaddr> | source-mac-addr <smac> | opcode <opcode_val> | prot-addr-len <prot_addr_len> | hw-addr-len <hw_addr_len> | protocol-type <prot_type> | hardware-type <hw_type> | ether-type <etype> | payload-len <pyld_len> } +
```

Syntax Description

set	Setup Trigger
outer	Mask and Match By Outer Packet Fields
arp	ARP Fields
target-ip-addr	ARP Target IP Address
tipaddr	ARP Target IP Address
target-mac-addr	ARP Target MAC Address
tmac	ARP Target MAC Address
source-ip-addr	ARP Source IP Address
sipaddr	ARP Source IP Address
source-mac-addr	ARP Source MAC Address
smac	ARP Source MAC Address
opcode	ARP Opcode
opcode_val	ARP Opcode
prot-addr-len	ARP Protocol Address Length
prot_addr_len	ARP Protocol Address Length
hw-addr-len	ARP Hardware Address Length
hw_addr_len	ARP Hardware Address Length
protocol-type	ARP Protocol Type
prot_type	ARP Protocol Type
hardware-type	ARP Hardware Type
hw_type	ARP Hardware Type
ether-type	ARP Ether Type - 0x0806 -> ARP 0x8035 -> RARP
etype	ARP Ether Type - 0x0806 -> ARP 0x8035 -> RARP
payload-len	ARP Payload Length

pyld_len	ARP Payload Length
----------	--------------------

Command Mode

- /exec/elamtah/inse16

set outer arp

```
set { outer | inner } arp { target-ip-addr <tipaddr> | target-mac-addr <tmac> | source-ip-addr <sipaddr> |
source-mac-addr <smac> | opcode <opcode_val> | prot-addr-len <prot_addr_len> | hw-addr-len <hw_addr_len>
| protocol-type <prot_type> | hardware-type <hw_type> | ether-type <etype> | payload-len <pyld_len> } +
```

Syntax Description

set	Setup Trigger
outer	Mask and Match By Outer Packet Fields
inner	Mask and Match By Inner Packet Fields
arp	ARP Fields
target-ip-addr	ARP Target IP Address
tipaddr	ARP Target IP Address
target-mac-addr	ARP Target MAC Address
tmac	ARP Target MAC Address
source-ip-addr	ARP Source IP Address
sipaddr	ARP Source IP Address
source-mac-addr	ARP Source MAC Address
smac	ARP Source MAC Address
opcode	ARP Opcode
opcode_val	ARP Opcode
prot-addr-len	ARP Protocol Address Length
prot_addr_len	ARP Protocol Address Length
hw-addr-len	ARP Hardware Address Length
hw_addr_len	ARP Hardware Address Length
protocol-type	ARP Protocol Type
prot_type	ARP Protocol Type
hardware-type	ARP Hardware Type
hw_type	ARP Hardware Type
ether-type	ARP Ether Type - 0x0806 -> ARP 0x8035 -> RARP
etype	ARP Ether Type - 0x0806 -> ARP 0x8035 -> RARP

payload-len	ARP Payload Length
pyld_len	ARP Payload Length

Command Mode

- /exec/elamtah/inse19

set outer fcoe

```
set outer fcoe { pyld-len <pyld_len> | ether-type <etype> | esof <esof> | r_ctl <r_ctl> | d_id <d_id> | cs_ctl
<cs_ctl> | s_id <s_id> | fc_type <fc_type> | f_ctl <f_ctl> | df_ctl <df_ctl> | ox_id <ox_id> | rx_id <rx_id> |
pyld0 <pyld0> | pyld1 <pyld1> | pyld2 <pyld2> | pyld3 <pyld3> | vft_vld <vft_vld> | vft_type <vft_type> |
vft_prio <vft_prio> | vft_vfid <vft_vfid> | vft_hopct <vft_hopct> } +
```

Syntax Description

set	Setup Trigger
outer	Mask and Match By Outer Packet Fields
fcoe	FCoE Fields
pyld-len	Payload Length
pyld_len	Payload Length
ether-type	FCoE Ether Type - 0x8906
etype	FCoE Ether Type - 0x8906
esof	ESOF
esof	ESOF Value
r_ctl	R_CTL
r_ctl	R_CTL value
d_id	D_ID
d_id	D_ID value
cs_ctl	CS_CTL
cs_ctl	CS_CTL value
s_id	S_ID
s_id	S_ID value
fc_type	FC_TYPE
fc_type	FC_TYPE value
f_ctl	F_CTL
f_ctl	F_CTL value
df_ctl	DF_CTL
df_ctl	DF_CTL value

ox_id	OxID
ox_id	OxID value
rx_id	RxID
rx_id	RxID value
pyld0	First 4 bytes of payload
pyld0	First 4 bytes of payload value
pyld1	Second 4 bytes of payload
pyld1	Second 4 bytes of payload value
pyld2	Third 4 bytes of payload
pyld2	Third 4 bytes of payload value
pyld3	Fourth 4 bytes of payload
pyld3	Fourth 4 bytes of payload value
vft_vld	VFT_VLD
vft_vld	VFT_VLD value
vft_type	VFT_TYPE
vft_type	VFT_TYPE value
vft_prio	VFT_PRIO
vft_prio	VFT_PRIO value
vft_vfid	VFT_VFID
vft_vfid	VFT_VFID value
vft_hopct	VFT_HOPCT
vft_hopct	VFT_HOPCT value

Command Mode

- /exec/elamtah/insel6

set outer ipv4

```
set { outer | inner } ipv4 { pyld-len <pyld_len> | version <ver> | header-len <hlen> | dscp <dscp_val> | ecn
<ecn_val> | packet-len <pkt_len> | more- frags <mf> | fragment-off <fragoff> | ttl <ttl_val> | next-protocol
<nproto> | checksum <csum> | src_ip <sip> | dst_ip <dip> } +
```

Syntax Description

set	Setup Trigger
outer	Mask and Match By Outer Packet Fields
inner	Mask and Match By Inner Packet Fields
ipv4	IPv4 Fields
pyld-len	Payload Length
pyld_len	Payload Length
version	Version
ver	Version
header-len	Header Length
hlen	Header Length
dscp	Diff. Serv. Code Point
dscp_val	Diff. Serv. Code Point
ecn	Explicit Congestion Ntn
ecn_val	Explicit Congestion Ntn
packet-len	Packet Total Length
pkt_len	Packet Total Length
more- frags	More Fragments Available
mf	More Fragments Available
fragment-off	Fragments Offset
fragoff	Fragments Offset
ttl	Time to Live
ttl_val	Time to Live
next-protocol	Next Protocol
nproto	Next Protocol

checksum	Checksum
csum	Checksum
src_ip	Source IP Address
sip	Source IP Address
dst_ip	Destination IP Address
dip	Destination IP Address

Command Mode

- /exec/elamtah/inse19

set outer ipv4

```
set outer ipv4 { pyld-len <pyld_len> | version <ver> | header-len <hlen> | dscp <dscp_val> | ecn <ecn_val>
| packet-len <pkt_len> | more- frags <mf> | fragment-off <fragoff> | ttl <ttl_val> | next-protocol <nproto> |
checksum <csum> | src_ip <sip> | dst_ip <dip> } +
```

Syntax Description

set	Setup Trigger
outer	Mask and Match By Outer Packet Fields
ipv4	IPv4 Fields
pyld-len	Payload Length
pyld_len	Payload Length
version	Version
ver	Version
header-len	Header Length
hlen	Header Length
dscp	Diff. Serv. Code Point
dscp_val	Diff. Serv. Code Point
ecn	Explicit Congestion Ntn
ecn_val	Explicit Congestion Ntn
packet-len	Packet Total Length
pkt_len	Packet Total Length
more-frags	More Fragments Available
mf	More Fragments Available
fragment-off	Fragments Offset
fragoff	Fragments Offset
ttl	Time to Live
ttl_val	Time to Live
next-protocol	Next Protocol
nproto	Next Protocol
checksum	Checksum

csum	Checksum
src_ip	Source IP Address
sip	Source IP Address
dst_ip	Destination IP Address
dip	Destination IP Address

Command Mode

- /exec/elamtah/insel6

set outer ipv4

```
set outer ipv4 [ { l3-type <l3_type> | pyld-len <pyld_len> | v6-vld <v6_vld> | version <ver> | header-len <hlen> | dscp <dscp_val> | ecn <ecn_val> | packet-len <pkt_len> | more-frags <mf> | fragment-off <fragoff> | ttl <ttl_val> | next-protocol <nproto> | checksum <csum> | src_ip <sip> | dst_ip <dip> } ] +
```

Syntax Description

set	Setup Trigger
outer	Mask and Match By Outer Packet Fields
ipv4	IPv4 Fields
l3-type	(Optional) L3 Packet Type
l3_type	(Optional) L3 Packet Type
pyld-len	(Optional) Payload Length
pyld_len	(Optional) Payload Length
v6-vld	(Optional) IPv6 Valid Information
v6_vld	(Optional) IPv6 Valid Information
version	(Optional) Version
ver	(Optional) Version
header-len	(Optional) Header Length
hlen	(Optional) Header Length
dscp	(Optional) Diff. Serv. Code Point
dscp_val	(Optional) Diff. Serv. Code Point
ecn	(Optional) Explicit Congestion Ntn
ecn_val	(Optional) Explicit Congestion Ntn
packet-len	(Optional) Packet Total Length
pkt_len	(Optional) Packet Total Length
more-frags	(Optional) More Fragments Available
mf	(Optional) More Fragments Available
fragment-off	(Optional) Fragments Offset
fragoff	(Optional) Fragments Offset
ttl	(Optional) Time to Live

ttl_val	(Optional) Time to Live
next-protocol	(Optional) Next(L4) Protocol
nproto	(Optional) Next(L4) Protocol
checksum	(Optional) Checksum
csum	(Optional) Checksum
src_ip	(Optional) Source IP Address
sip	(Optional) Source IP Address
dst_ip	(Optional) Destination IP Address
dip	(Optional) Destination IP Address

Command Mode

- /exec/elamns/sel3

set outer ipv6 src_ip

set { outer | inner } ipv6 { src_ip <src_ip> | dst_ip <dst_ip> } +

Syntax Description

set	Setup Trigger
outer	Mask and Match By Outer Packet Fields
inner	Mask and Match By Inner Packet Fields
ipv6	IPv6 Fields
src_ip	Source IP Address
dst_ip	Destination IP Address

Command Mode

- /exec/elamtah/insel9

set outer ipv6 src_ip

set outer ipv6 { src_ip <sip> | dst_ip <dip> } +

Syntax Description

set	Setup Trigger
outer	Mask and Match By Outer Packet Fields
ipv6	IPv6 Fields
src_ip	Source IP Address
dst_ip	Destination IP Address

Command Mode

- /exec/elamtah/insel6

set outer l2

```
set outer l2 [ { snap_vld <snap_vld> | cntag_vld <cntag_vld> | qtag_vld <qtag_vld> | vlan <vlan_id> | cos
<cos_val> | cfi <cfi_vld> | vntag_vld <vntag_vld> | vntag_svif <vntag_svif> | vntag_dvif <vntag_dvif> |
vntag_looped <vntag_loop> | vntag_pointer <vntag_p> | src_mac <smac> | dst_mac <dmac> } ] +
```

Syntax Description

set	Setup Trigger
outer	Mask and Match By Outer Packet Fields
l2	All Layer 2 Fields
snap_vld	(Optional) SNAP Header Information Valid
snap_vld	(Optional) SNAP Header Information Valid
cntag_vld	(Optional) CNTag Information Valid
cntag_vld	(Optional) CNTag Information Valid
qtag_vld	(Optional) VLAN Tag Information Valid
qtag_vld	(Optional) VLAN Tag Information Valid
vlan	(Optional) VLAN Id (Present only in case of FEX)
vlan_id	(Optional) VLAN Id
cos	(Optional) Class of Service
cos_val	(Optional) Class of Service Type
cfi	(Optional) CFI Setting
cfi_vld	(Optional) CFI Setting Valid
vntag_vld	(Optional) VNTAG Information Valid
vntag_vld	(Optional) VNTAG Information Valid
vntag_svif	(Optional) VNTAG Source vif
vntag_svif	(Optional) VNTAG Source vif
vntag_dvif	(Optional) VNTAG Destination vif
vntag_dvif	(Optional) VNTAG Destination vif
vntag_looped	(Optional) VNTAG Header Looped Valid
vntag_loop	(Optional) VNTAG Header Looped Valid
vntag_pointer	(Optional) VNTAG Header Pointer Valid

vntag_p	(Optional) VNTAG Header Pointer Valid
src_mac	(Optional) Source MAC Address
smac	(Optional) Source MAC Address Value
dst_mac	(Optional) Destination MAC Address
dmac	(Optional) Destination MAC Address Value

Command Mode

- /exec/elanms/se13

set outer l2

```
set outer l2 { snap_vld <snap_vld> | cntag_vld <cntag_vld> | qtag_vld <qtag_vld> | vlan <vlan_id> | cos
<cos_val> | cfi <cfi_vld> | vntag_vld <vntag_vld> | vntag_svif <vntag_svif> | vntag_dvif <vntag_dvif> |
vntag_looped <vntag_loop> | vntag_pointer <vntag_p> | src_mac <smac> | dst_mac <dmac> } +
```

Syntax Description

set	Setup Trigger
outer	Mask and Match By Outer Packet Fields
l2	All Layer 2 Fields
snap_vld	SNAP Header Information Valid
snap_vld	SNAP Header Information Valid
cntag_vld	CNTag Information Valid
cntag_vld	CNTag Information Valid
qtag_vld	VLAN Tag Information Valid
qtag_vld	VLAN Tag Information Valid
vlan	VLAN Id (Present only in case of FEX)
vlan_id	VLAN Id
cos	Class of Service
cos_val	Class of Service Type
cfi	CFI Setting
cfi_vld	CFI Setting Valid
vntag_vld	VNTAG Information Valid
vntag_vld	VNTAG Information Valid
vntag_svif	VNTAG Source vif
vntag_svif	VNTAG Source vif
vntag_dvif	VNTAG Destination vif
vntag_dvif	VNTAG Destination vif
vntag_looped	VNTAG Header Looped Valid
vntag_loop	VNTAG Header Looped Valid
vntag_pointer	VNTAG Header Pointer Valid

vntag_p	VNTAG Header Pointer Valid
src_mac	Source MAC Address
smac	Source MAC Address Value
dst_mac	Destination MAC Address
dmac	Destination MAC Address Value

Command Mode

- /exec/elamtah/insel6

set outer l2

```
set { outer | inner } l2 { snap_vld <snap_vld> | cntag_vld <cntag_vld> | qtag_vld <qtag_vld> | vlan <vlan_id>
| cos <cos_val> | cfi <cfi_vld> | vntag_vld <vntag_vld> | vntag_svif <vntag_svif> | vntag_dvif <vntag_dvif>
| vntag_looped <vntag_loop> | vntag_pointer <vntag_p> | src_mac <smac> | dst_mac <dmac> } +
```

Syntax Description

set	Setup Trigger
outer	Mask and Match By Outer Packet Fields
inner	Mask and Match By Inner Packet Fields
l2	All Layer 2 Fields
snap_vld	SNAP Header Information Valid
snap_vld	SNAP Header Information Valid
cntag_vld	CNTAG Information Valid
cntag_vld	CNTAG Information Valid
qtag_vld	VLAN Tag Information Valid
qtag_vld	VLAN Tag Information Valid
vlan	VLAN Id (Present only in case of FEX)
vlan_id	VLAN Id
cos	Class of Service
cos_val	Class of Service Type
cfi	CFI Setting
cfi_vld	CFI Setting Valid
vntag_vld	VNTAG Information Valid
vntag_vld	VNTAG Information Valid
vntag_svif	VNTAG Source vif
vntag_svif	VNTAG Source vif
vntag_dvif	VNTAG Destination vif
vntag_dvif	VNTAG Destination vif
vntag_looped	VNTAG Header Looped Valid
vntag_loop	VNTAG Header Looped Valid

vntag_pointer	VNTAG Header Pointer Valid
vntag_p	VNTAG Header Pointer Valid
src_mac	Source MAC Address
smac	Source MAC Address Value
dst_mac	Destination MAC Address
dmac	Destination MAC Address Value

Command Mode

- /exec/elamtah/insel8

set outer l2 hg2

```
set outer l2 hg2 [ { hg2_vid <hg2_vlan> | hg2_ppd_type <hg2_ppd_type> | hg2_mirror <hg2_mirror> |
hg2_opcode <hg2_opcode> | hg2_dstpid <hg2_dpid> | hg2_dstmod <hg2_dmod> | hg2_srcpid <hg2_spid>
| hg2_srcmod <hg2_smod> | hg2_l3vld <hg2_l3_vld> | hg2_tc <hg2_tc> | hg2_dp <hg2_dp> | hg2_mcast
<hg2_mcast_vld> | hg2-vld <hg2_vld> | hg2-cos <hg2_cos> } ] +
```

Syntax Description

set	Setup Trigger
outer	Mask and Match By Outer Packet Fields
l2	All Layer 2 Fields
hg2	High Gig2 Fields
hg2_vid	(Optional) High Gig2 VLAN Tag
hg2_vlan	(Optional) High Gig2 VLAN Tag Information
hg2_ppd_type	(Optional) High Gig2 Packet Processing Descriptor
hg2_ppd_type	(Optional) High Gig2 Packet Processing Descriptor
hg2_mirror	(Optional) High Gig2 Packet Mirror Information
hg2_mirror	(Optional) High Gig2 Packet Mirror Information
hg2_opcode	(Optional) High Gig2 Packet Type
hg2_opcode	(Optional) High Gig2 Packet Type
hg2_dstpid	(Optional) High Gig2 Destination Port ID
hg2_dpid	(Optional) High Gig2 Destination Port ID
hg2_dstmod	(Optional) High Gig2 Destination Module ID
hg2_dmod	(Optional) High Gig2 Destination Module ID
hg2_srcpid	(Optional) High Gig2 Source Port ID
hg2_spid	(Optional) High Gig2 Source Port ID
hg2_srcmod	(Optional) High Gig2 Souce Module ID
hg2_smod	(Optional) High Gig2 Souce Module ID
hg2_l3vld	(Optional) High Gig2 Packet L3 Switched
hg2_l3_vld	(Optional) High Gig2 Packet L3 Switched
hg2_tc	(Optional) High Gig2 Packet Traffic Class

hg2_tc	(Optional) High Gig2 Packet Traffic Class
hg2_dp	(Optional) High Gig2 Drop Precedence
hg2_dp	(Optional) High Gig2 Drop Precedence
hg2_mcast	(Optional) High Gig2 MultiCast Forwarding Information
hg2_mcast_vld	(Optional) High Gig2 Multicast Forwarding Information
hg2-vld	(Optional) High Gig2 Valid Information
hg2_vld	(Optional) High Gig2 Valid Information
hg2-cos	(Optional) High Gig2 CoS Information
hg2_cos	(Optional) High Gig2 CoS Information

Command Mode

- /exec/elamns/sel3

set outer l4

```
set outer l4 [ { src-port <sport> | dst-port <dport> | packet-len <pkt_len> | checksum <csum> | flags <flag_val>
} ] +
```

Syntax Description

set	Setup Trigger
outer	Mask and Match By Outer Packet Fields
l4	L4 Fields
src-port	(Optional) Source Port Information
sport	(Optional) Source Port
dst-port	(Optional) Destination Port Information
dport	(Optional) Destination Port
packet-len	(Optional) Packet Length
pkt_len	(Optional) Packet Length
checksum	(Optional) Checksum
csum	(Optional) Checksum
flags	(Optional) L4 Flags
flag_val	(Optional) L4 Flags

Command Mode

- /exec/elanms/sel3

set outer l4

```
set outer l4 { l4-type <l4_type> | src-port <sport> | dst-port <dport> | packet-len <pkt_len> | checksum <csum>
| flags <flag_val> | tn-nonce <tn_nonce> | tn-lsb <tn_lsb> | tn-nonce-info <tn_nonce_info> | tn-lsb-info
<tn_lsb_info> | vnid <vnid_val> | nd-type <nd_type> | nd-code <nd_code> | nd-flags <nd_flags> | nd-ip
<nd_ip> | nonce-lb <nonce_lb> | nonce-dl <nonce_dl> | nonce-e <nonce_e> | nonce-sp <nonce_sp> | nonce-dp
<nonce_dp> | nonce-dre <nonce_dre> | sclass <sclass> | lsb-m <lsb_m> | lsb-lb-tag <lsb_lb_tag> | lsb-lb-metric
<lsb_lb_metric> } +
```

Syntax Description

set	Setup Trigger
outer	Mask and Match By Outer Packet Fields
l4	L4 Fields
l4-type	L4 Type - 0:TCP 1:UDP 2:IVXLAN 3:VXLAN 4:NVGRE 7:ND
l4_type	L4 Type Value - 0:TCP 1:UDP 2:IVXLAN 3:VXLAN 4:NVGRE 7:ND
src-port	Source Port Information
sport	Source Port
dst-port	Destination Port Information
dport	Destination Port
packet-len	Packet Length
pkt_len	Packet Length
checksum	Checksum
csum	Checksum
flags	L4 Flags 123
flag_val	L4 Flags
tn-nonce	Nonce valid
tn_nonce	Nonce valid
tn-lsb	Lsb valid
tn_lsb	Lsb valid
tn-nonce-info	Nonce Info
tn_nonce_info	Nonce Info
tn-lsb-info	Lsb Info

tn_lsb_info	Lsb Info
vnid	Virtual Network Id
vnid_val	Virtual Network Id
nd-type	ND Type
nd_type	ND Type
nd-code	ND Code
nd_code	ND Code
nd-flags	ND Flags
nd_flags	ND Flags
nd-ip	ND IP
nonce-lb	Nonce Load Balance
nonce_lb	Nonce Load Balance
nonce-dl	Nonce Don't Learn
nonce_dl	Nonce Don't Learn
nonce-e	Nonce Exception
nonce_e	Nonce Exception
nonce-sp	Nonce Src Policy applied
nonce_sp	Nonce Src Policy applied
nonce-dp	Nonce Dst Policy applied
nonce_dp	Nonce Dst Policy applied
nonce-dre	Nonce Congestion Est.
nonce_dre	Nonce Congestion Est.
sclass	Nonce Src Class
sclass	Nonce Src Class
lsb-m	Lsb Marker
lsb_m	Lsb Marker
lsb-lb-tag	Lsb LB Tag
lsb_lb_tag	Lsb LB Tag
lsb-lb-metric	Lsb LB Metric

lsb_lb_metric	Lsb LB Metric
---------------	---------------

Command Mode

- /exec/elamta/insel6

set outer l4

```
set { outer | inner } l4 { l4-type <l4_type> | src-port <sport> | dst-port <dport> | packet-len <pkt_len> |
checksum <csum> | flags <flag_val> | tn-nonce <tn_nonce> | tn-lsb <tn_lsb> | tn-nonce-info <tn_nonce_info>
| tn-lsb-info <tn_lsb_info> | vnid <vnid_val> | nd-type <nd_type> | nd-code <nd_code> | nd-flags <nd_flags>
| nd-ip <nd_ip> | nonce-lb <nonce_lb> | nonce-dl <nonce_dl> | nonce-e <nonce_e> | nonce-sp <nonce_sp> |
nonce-dp <nonce_dp> | nonce-dre <nonce_dre> | sclass <sclass> | lsb-m <lsb_m> | lsb-lb-tag <lsb_lb_tag> |
lsb-lb-metric <lsb_lb_metric> } +
```

Syntax Description

set	Setup Trigger
outer	Mask and Match By Outer Packet Fields
inner	Mask and Match By Inner Packet Fields
l4	L4 Fields
l4-type	L4 Type - 0:TCP 1:UDP 2:IVXLAN 3:VXLAN 4:NVGRE 7:ND
l4_type	L4 Type Value - 0:TCP 1:UDP 2:IVXLAN 3:VXLAN 4:NVGRE 7:ND
src-port	Source Port Information
sport	Source Port
dst-port	Destination Port Information
dport	Destination Port
packet-len	Packet Length
pkt_len	Packet Length
checksum	Checksum
csum	Checksum
flags	L4 Flags 123
flag_val	L4 Flags
tn-nonce	Nonce valid
tn_nonce	Nonce valid
tn-lsb	Lsb valid
tn_lsb	Lsb valid
tn-nonce-info	Nonce Info
tn_nonce_info	Nonce Info

tn-lsb-info	Lsb Info
tn_lsb_info	Lsb Info
vnid	Virtual Network Id
vnid_val	Virtual Network Id
nd-type	ND Type
nd_type	ND Type
nd-code	ND Code
nd_code	ND Code
nd-flags	ND Flags
nd_flags	ND Flags
nd-ip	ND IP
nonce-lb	Nonce Load Balance
nonce_lb	Nonce Load Balance
nonce-dl	Nonce Don't Learn
nonce_dl	Nonce Don't Learn
nonce-e	Nonce Exception
nonce_e	Nonce Exception
nonce-sp	Nonce Src Policy applied
nonce_sp	Nonce Src Policy applied
nonce-dp	Nonce Dst Policy applied
nonce_dp	Nonce Dst Policy applied
nonce-dre	Nonce Congestion Est.
nonce_dre	Nonce Congestion Est.
sclass	Nonce Src Class
sclass	Nonce Src Class
lsb-m	Lsb Marker
lsb_m	Lsb Marker
lsb-lb-tag	Lsb LB Tag
lsb_lb_tag	Lsb LB Tag

lsb-lb-metric	Lsb LB Metric
lsb_lb_metric	Lsb LB Metric

Command Mode

- /exec/elamtah/inse110

set outer mpls

```
set { outer | inner } mpls { l3-type <l3_type> | label0_lbl <label0_lbl> | label0_ttl <label0_ttl> | label0_sbit
<label0_sbit> | label1_lbl <label1_lbl> | label1_ttl <label1_ttl> | label1_sbit <label1_sbit> | label2_lbl
<label2_lbl> | label2_ttl <label2_ttl> | label2_sbit <label2_sbit> | label3_lbl <label3_lbl> | label3_ttl <label3_ttl>
| label3_sbit <label3_sbit> | label4_lbl <label4_lbl> | label4_ttl <label4_ttl> | label4_sbit <label4_sbit> |
label5_lbl <label5_lbl> | label5_ttl <label5_ttl> | label5_sbit <label5_sbit> } +
```

Syntax Description

set	Setup Trigger
outer	Mask and Match By Outer Packet Fields
inner	Mask and Match By Inner Packet Fields
mpls	MPLS Fields
l3-type	L3 Type - 0:CE 1:FC 2:IPv4 3:IPv6 4:ARP 5:MPLS
l3_type	L3 Type Value - 0:CE 1:FC 2:IPv4 3:IPv6 4:ARP 5:MPLS
label0_lbl	MPLS Label0 Label value
label0_lbl	MPLS Label0 Label value
label0_ttl	MPLS Label0 Time to Live
label0_ttl	MPLS Label0 Time to Live
label0_sbit	MPLS Label0 End of Stack
label0_sbit	MPLS Label0 End of Stack
label1_lbl	MPLS Label1 Label value
label1_lbl	MPLS Label1 Label value
label1_ttl	MPLS Label1 Time to Live
label1_ttl	MPLS Label1 Time to Live
label1_sbit	MPLS Label1 End of Stack
label1_sbit	MPLS Label1 End of Stack
label2_lbl	MPLS Label2 Label value
label2_lbl	MPLS Label2 Label value
label2_ttl	MPLS Label2 Time to Live
label2_ttl	MPLS Label2 Time to Live
label2_sbit	MPLS Label2 End of Stack

label2_sbit	MPLS Label2 End of Stack
label3_lbl	MPLS Label3 Label value
label3_lbl	MPLS Label3 Label value
label3_ttl	MPLS Label3 Time to Live
label3_ttl	MPLS Label3 Time to Live
label3_sbit	MPLS Label3 End of Stack
label3_sbit	MPLS Label3 End of Stack
label4_lbl	MPLS Label4 Label value
label4_lbl	MPLS Label4 Label value
label4_ttl	MPLS Label4 Time to Live
label4_ttl	MPLS Label4 Time to Live
label4_sbit	MPLS Label4 End of Stack
label4_sbit	MPLS Label4 End of Stack
label5_lbl	MPLS Label5 Label value
label5_lbl	MPLS Label5 Label value
label5_ttl	MPLS Label5 Time to Live
label5_ttl	MPLS Label5 Time to Live
label5_sbit	MPLS Label5 End of Stack
label5_sbit	MPLS Label5 End of Stack

Command Mode

- /exec/elamtah/insel9

set outer mpls

```
set outer mpls { expl_null <expl_null> | { l3-type <l3_type> | label0_lbl <label0_lbl> | label0_ttl <label0_ttl>
| label0_sbit <label0_sbit> | label1_lbl <label1_lbl> | label1_ttl <label1_ttl> | label1_sbit <label1_sbit> |
label2_lbl <label2_lbl> | label2_ttl <label2_ttl> | label2_sbit <label2_sbit> | label3_lbl <label3_lbl> | label3_ttl
<label3_ttl> | label3_sbit <label3_sbit> | label4_lbl <label4_lbl> | label4_ttl <label4_ttl> | label4_sbit
<label4_sbit> | label5_lbl <label5_lbl> | label5_ttl <label5_ttl> | label5_sbit <label5_sbit> } + }
```

Syntax Description

set	Setup Trigger
outer	Mask and Match By Outer Packet Fields
mpls	MPLS Fields
l3-type	L3 Type - 0:CE 1:FC 2:IPv4 3:IPv6 4:ARP 5:MPLS
l3_type	L3 Type Value - 0:CE 1:FC 2:IPv4 3:IPv6 4:ARP 5:MPLS
expl_null	capture packet with mpls label0=0 and S=1. NOTE: Captured pkt would be presented as an IP pkt
expl_null	0 -> explicit_null=0 , 1 -> explicit null=1
label0_lbl	MPLS Label0 Label value
label0_lbl	MPLS Label0 Label value
label0_ttl	MPLS Label0 Time to Live
label0_ttl	MPLS Label0 Time to Live
label0_sbit	MPLS Label0 End of Stack
label0_sbit	MPLS Label0 End of Stack
label1_lbl	MPLS Label1 Label value
label1_lbl	MPLS Label1 Label value
label1_ttl	MPLS Label1 Time to Live
label1_ttl	MPLS Label1 Time to Live
label1_sbit	MPLS Label1 End of Stack
label1_sbit	MPLS Label1 End of Stack
label2_lbl	MPLS Label2 Label value
label2_lbl	MPLS Label2 Label value
label2_ttl	MPLS Label2 Time to Live

label2_ttl	MPLS Label2 Time to Live
label2_sbit	MPLS Label2 End of Stack
label2_sbit	MPLS Label2 End of Stack
label3_lbl	MPLS Label3 Label value
label3_lbl	MPLS Label3 Label value
label3_ttl	MPLS Label3 Time to Live
label3_ttl	MPLS Label3 Time to Live
label3_sbit	MPLS Label3 End of Stack
label3_sbit	MPLS Label3 End of Stack
label4_lbl	MPLS Label4 Label value
label4_lbl	MPLS Label4 Label value
label4_ttl	MPLS Label4 Time to Live
label4_ttl	MPLS Label4 Time to Live
label4_sbit	MPLS Label4 End of Stack
label4_sbit	MPLS Label4 End of Stack
label5_lbl	MPLS Label5 Label value
label5_lbl	MPLS Label5 Label value
label5_ttl	MPLS Label5 Time to Live
label5_ttl	MPLS Label5 Time to Live
label5_sbit	MPLS Label5 End of Stack
label5_sbit	MPLS Label5 End of Stack

Command Mode

- /exec/elamtah/insel6

set pktrw

```
set pktrw { mcast <mcast> | sup_redir <sured> | bcm_proxy <bcm_proxy> | excep_case <excep> | transit
<trans> | vpc_df <vpc_df> | src_tep_idx <src_tep> | lat_update <lat_update> | lat_idx <lat_idx> | src_class
<sclass> | ol_fb_met <ol_fb_met> | ol_fb_vpath <ol_fb_vpath> | ol_dre <ol_dre> | ol_vpath <ol_vpath> |
ol_dp <ol_dp> | ol_sp <ol_sp> | ol_e <ol_e> | ol_dl <ol_dl> | ol_lb <ol_lb> | ol_mark <ol_mark> | ol_udp_sp
<ol_udp_sp> | ol_ftag <ol_ftag> | ol_segid <ol_segid> | ol_ttl <ol_ttl> | ol_ecn <ol_ecn> | ol_dscp <ol_dscp>
| ol_de <ol_de> | ol_cos <ol_cos> | ol_mac <ol_mac> | ol_encap_idx <ol_encap> | ol_vpc <ol_vpc> | ol_idx
<ol_idx> | ttl <ttl> | dscp <dscp> | vlan1 <vlan1> | ecn_coi <ecn_coi> | ecn_cio <ecn_cio> | ttl_coi <ttl_coi>
| ttl_cio <ttl_cio> | adj_idx <adj_idx> | vntag_svif <vntag_svif> | de <de> | cos <cos> | vlan0 <vlan0> | adj_vld
<adj_vld> | uc_routed <uc_routed> | loopback <lpb> | ecn <ecn> | hg2_vid <hg2_vlan> | hg2_ppd <hg2_ppd>
| hg2_tc_sup_copy <hg2_tescpy> | hg2_tc <hg2_tc> | hg2_lbid <hg2_lbid> | hg2_opc <hg2_opc> | hg2_dstpid
<hg2_dpид> | hg2_srcpid <hg2_spid> | hg2_dstmod <hg2_dmod> | hg2_srcmod <hg2_smod> | op_inner
<op_inner> | op_qtag <op_qtag> | op_vntag <op_vntag> | op_outer <op_outer> | pkt_type <pkt_type> | drop
<drp> | pkt_tstamp <pkt_tstamp> | tstamp <tstamp> | cap_tstamp <cap_tstamp> | len_info <len_info> | len_type
<len_type> | pktid <pktid> | srcid <srcid> | pktfmt1 <pktfmt1> | pktfmt0 <pktfmt0> | hg2_cos <hg2_cos> }
+
```

Syntax Description

set	Setup Trigger
pktrw	All packet re-write fields
mcast	mcast
mcast	Mcast
sup_redir	Sup Redirect
sured	Sup Redirect
bcm_proxy	Broadcom Proxy
bcm_proxy	Broadcom Proxy
excep_case	Excep_case
excep	Excep_case
transit	Transit
trans	Transit
vpc_df	VPC_df
vpc_df	VPC_df
src_tep_idx	Src TEP Index
src_tep	Src TEP Index
lat_update	Lat Update

lat_update	Lat Update
lat_idx	Lat Index
lat_idx	Lat Index
src_class	Source Class
sclass	Source Class
ol_fb_met	Ol_fb_metric
ol_fb_met	Ol_fb_metric
ol_fb_vpath	Ol_fb_vpath
ol_fb_vpath	Ol_fb_vpath
ol_dre	Ol_dre
ol_dre	Ol_dre
ol_vpath	Ol_vpath
ol_vpath	Ol_vpath
ol_dp	Ol_dp
ol_dp	Ol_dp
ol_sp	Ol_sp
ol_sp	Ol_sp
ol_e	Ol_e
ol_e	Ol_e
ol_dl	Ol_dl
ol_dl	Ol_dl
ol_lb	Ol_lb
ol_lb	Ol_lb
ol_mark	Ol_mark
ol_mark	Ol_mark
ol_udp_sp	Ol_UDP_sp
ol_udp_sp	Ol UDP Source Port
ol_ftag	Ol_ftag
ol_ftag	Ol_ftag

ol_segid	Ol_segid
ol_segid	Ol_segid
ol_ttl	Ol_TTL
ol_ttl	Ol_TTL
ol_ecn	Ol_ecn
ol_ecn	Ol_ecn
ol_dscp	Ol_dscp
ol_dscp	Ol_dscp
ol_de	Ol_de
ol_de	Ol_de
ol_cos	Ol_cos
ol_cos	Ol_cos
ol_mac	Ol_mac
ol_mac	Ol_mac
ol_encap_idx	Ol_encap_idx
ol_encap	Ol_encap_idx
ol_vpc	Ol_VPC
ol_vpc	Ol_VPC
ol_idx	Ol_idx
ol_idx	Ol_idx
ttl	TTL
ttl	TTL
dscp	DSCP
dscp	DSCP
vlan1	Vlan1
vlan1	Vlan1
ecn_coi	ecn_coi
ecn_coi	ecn_coi
ecn_cio	ecn_cio

ecn_cio	ecn_cio
ttn_coi	ttn_coi
ttn_coi	ttn_coi
ttn_cio	ttn_cio
ttn_cio	ttn_cio
adj_idx	adj_idx
adj_idx	adj_idx
vntag_svif	vntag_svif
vntag_svif	vntag_svif
de	de
de	de
cos	cos
cos	cos
vlan0	vlan0
vlan0	vlan0
adj_vld	adj_vld
adj_vld	adj_vld
uc_routed	uc_routed
uc_routed	uc_routed
loopback	loopback
lpb	loopback
ecn	ecn
ecn	ecn
hg2_vid	High Gig2 VLAN Tag
hg2_vlan	High Gig2 VLAN Tag Information
hg2_cos	High Gig2 CoS Information
hg2_cos	High Gig2 CoS Information
hg2_ppd	High Gig2 Packet Processing Descriptor
hg2_ppd	High Gig2 Packet Processing Descriptor

hg2_tc_sup_copy	High Gig2 Traffic Class SUP Copy
hg2_tescpy	High Gig2 Traffic Class SUP Copy
hg2_tc	High Gig2 Packet Traffic Class
hg2_tc	High Gig2 Packet Traffic Class
hg2_lbid	High Gig2 Packet Ibid
hg2_lbid	High Gig2 Packet Ibid
hg2_opc	High Gig2 Packet Type
hg2_opc	High Gig2 Packet Type
hg2_dstpid	High Gig2 Destination Port ID
hg2_dpид	High Gig2 Destination Port ID
hg2_dstmod	High Gig2 Destination Module ID
hg2_dmod	High Gig2 Destination Module ID
hg2_srcpid	High Gig2 Source Port ID
hg2_spид	High Gig2 Source Port ID
hg2_srcmod	High Gig2 Souce Module ID
hg2_smod	High Gig2 Souce Module ID
op_inner	Op_inner
op_inner	Op_inner
op_outer	Op_outer
op_outer	Op_outer
op_qtag	Op_qtag
op_qtag	Op_qtag
op_vntag	Op_vntag
op_vntag	Op_vntag
pkt_type	Pkt_type
pkt_type	Pkt_type
drop	Drop
drp	Drop
pkt_tstmp	Packet timestamp

pkt_tstamp	Packet timestamp
tstamp	Timestamp
tstamp	Timestamp
cap_tstamp	Capture Timestamp
cap_tstamp	Capture Timestamp
len_info	Len_info
len_info	Len_info
len_type	Len_type
len_type	Len_type
pktid	Pkt_id
pktid	Pkt_id
srcid	Src_id
srcid	Src_id
pktfmt1	Pktfmt1
pktfmt1	Pktfmt1
pktfmt0	Pktfmt0
pktfmt0	Pktfmt0

Command Mode

- /exec/elamns/outsel0

set pktrw

```

set pktrw { spare <spare> | cap_access <cap_access> | bounce <bounce> | dst_vnic_if <dst_vnic_if> | src_vnic_if
<src_vnic_if> | pif_block_type <pif_block_type> | epg_out <epg_out> | epg_in <epg_in> | sup_qnum
<sup_qnum> | sup_code <sup_code> | ecn_coi <ecn_coi> | ecn_cio <ecn_cio> | ttl_coi <ttl_coi> | ttl_cio
<ttl_cio> | qos_map_idx <qos_map_idx> | lat_update <lat_update> | lat_index <lat_index> | dclass <dclass>
| sclass <sclass> | ol_fb_metric <ol_fb_metric> | ol_fb_vpath <ol_fb_vpath> | ol_dre <ol_dre> | ol_vpath
<ol_vpath> | ol_dp <ol_dp> | ol_sp <ol_sp> | ol_e <ol_e> | ol_dl <ol_dl> | ol_lb <ol_lb> | ol_mark <ol_mark>
| ol_udp_sp <ol_udp_sp> | ol_ecn <ol_ecn> | nat_idx <nat_idx> | nat_vld <nat_vld> | dst_addr1 <dst_addr1>
| dst_addr0 <dst_addr0> | adj_vld <adj_vld> | encap_l2_idx <encap_l2_idx> | encap_pcid <encap_pcid> |
encap_idx <encap_idx> | encap_vld <encap_vld> | my_pcid <my_pcid> | my_tep_idx <my_tep_idx> | fwd_op
<fwd_op> | orig_encap_type <orig_encap_type> | pkt_type <pkt_type> | len_type <len_type> | cap_1588
<cap_1588> | pktid <pktid> | srcid <srcid> | tstamp <tstamp> | pktfmt1_inner <pktfmt1_inner> | pktfmt1_l3
<pktfmt1_l3> | pktfmt1_l3_type <pktfmt1_l3_type> | pktfmt1_mpls_null <pktfmt1_mpls_null> | pktfmt1_snap
<pktfmt1_snap> | pktfmt1_cntag <pktfmt1_cntag> | pktfmt1_ttag <pktfmt1_ttag> | pktfmt1_cmd_dgt
<pktfmt1_cmd_dgt> | pktfmt1_cmd_sgt <pktfmt1_cmd_sgt> | pktfmt1_cdce <pktfmt1_cdce> | pktfmt1_trill
<pktfmt1_trill> | pktfmt1_qtag2 <pktfmt1_qtag2> | pktfmt1_qtag1 <pktfmt1_qtag1> | pktfmt1_qtag0
<pktfmt1_qtag0> | pktfmt1_ivntag <pktfmt1_ivntag> | pktfmt1_vntag <pktfmt1_vntag> | pktfmt1_ce
<pktfmt1_ce> | pktfmt1_ieth <pktfmt1_ieth> | pktfmt1_higig2 <pktfmt1_higig2> | pktfmt0_inner
<pktfmt0_inner> | pktfmt0_l3 <pktfmt0_l3> | pktfmt0_l3_type <pktfmt0_l3_type> | pktfmt0_mpls_null
<pktfmt0_mpls_null> | pktfmt0_snap <pktfmt0_snap> | pktfmt0_cntag <pktfmt0_cntag> | pktfmt0_ttag
<pktfmt0_ttag> | pktfmt0_cmd_dgt <pktfmt0_cmd_dgt> | pktfmt0_cmd_sgt <pktfmt0_cmd_sgt> | pktfmt0_cdce
<pktfmt0_cdce> | pktfmt0_trill <pktfmt0_trill> | pktfmt0_qtag2 <pktfmt0_qtag2> | pktfmt0_qtag1
<pktfmt0_qtag1> | pktfmt0_qtag0 <pktfmt0_qtag0> | pktfmt0_ivntag <pktfmt0_ivntag> | pktfmt0_vntag
<pktfmt0_vntag> | pktfmt0_ce <pktfmt0_ce> | pktfmt0_ieth <pktfmt0_ieth> | pktfmt0_higig2 <pktfmt0_higig2>
} +

```

Syntax Description

set	Setup Trigger
pktrw	All pktrw fields
spare	Spare
spare	Spare
cap_access	Cap_Access
cap_access	Cap_Access
bounce	Bounce
bounce	Bounce
dst_vnic_if	Dst_Vnic_If
dst_vnic_if	Dst_Vnic_If
src_vnic_if	Src_Vnic_If
src_vnic_if	Src_Vnic_If

pif_block_type	Pif_Block_Type
pif_block_type	Pif_Block_Type
epg_out	Epg_Out
epg_out	Epg_Out
epg_in	Epg_In
epg_in	Epg_In
sup_qnum	Sup_Qnum
sup_qnum	Sup_Qnum
sup_code	Sup_Code
sup_code	Sup_Code
ecn_coi	Ecn_Coi
ecn_coi	Ecn_Coi
ecn_cio	Ecn_Cio
ecn_cio	Ecn_Cio
ttl_coi	Ttl_Coi
ttl_coi	Ttl_Coi
ttl_cio	Ttl_Cio
ttl_cio	Ttl_Cio
qos_map_idx	Qos_Map_Idx
qos_map_idx	Qos_Map_Idx
lat_update	Lat_Update
lat_update	Lat_Update
lat_index	Lat_Index
lat_index	Lat_Index
dclass	Dclass
dclass	Dclass
sclass	Sclass
sclass	Sclass
ol_fb_metric	Ol_Fb_Metric

ol_fb_metric	Ol_Fb_Metric
ol_fb_vpath	Ol_Fb_Vpath
ol_fb_vpath	Ol_Fb_Vpath
ol_dre	Ol_Dre
ol_dre	Ol_Dre
ol_vpath	Ol_Vpath
ol_vpath	Ol_Vpath
ol_dp	Ol_Dp
ol_dp	Ol_Dp
ol_sp	Ol_Sp
ol_sp	Ol_Sp
ol_e	Ol_E
ol_e	Ol_E
ol_dl	Ol_Dl
ol_dl	Ol_Dl
ol_lb	Ol_Lb
ol_lb	Ol_Lb
ol_mark	Ol_Mark
ol_mark	Ol_Mark
ol_udp_sp	Ol_Udp_Sp
ol_udp_sp	Ol_Udp_Sp
ol_ecn	Ol_Ecn
ol_ecn	Ol_Ecn
nat_idx	Nat_Idx
nat_idx	Nat_Idx
nat_vld	Nat_Vld
nat_vld	Nat_Vld
dst_addr1	Dst_Addr1
dst_addr1	Dst_Addr1

dst_addr0	Dst_Addr0
dst_addr0	Dst_Addr0
adj_vld	Adj_Vld
adj_vld	Adj_Vld
encap_l2_idx	Encap_L2_Idx
encap_l2_idx	Encap_L2_Idx
encap_pcid	Encap_Pcid
encap_pcid	Encap_Pcid
encap_idx	Encap_Idx
encap_idx	Encap_Idx
encap_vld	Encap_Vld
encap_vld	Encap_Vld
my_pcid	My_Pcid
my_pcid	My_Pcid
my_tep_idx	My_Tep_Idx
my_tep_idx	My_Tep_Idx
fwd_op	Fwd_Op
fwd_op	Fwd_Op
orig_encap_type	Orig_Encap_Type
orig_encap_type	Orig_Encap_Type
pkt_type	Pkt_Type
pkt_type	Pkt_Type
len_type	Len_Type
len_type	Len_Type
cap_1588	Cap_1588
cap_1588	Cap_1588
pktid	Pktid
pktid	Pktid
srcid	Srcid

srcid	Srcid
tstmp	Tstmp
tstmp	Tstmp
pktfmt1_inner	Pktfmt1_Inner
pktfmt1_inner	Pktfmt1_Inner
pktfmt1_l3	Pktfmt1_L3
pktfmt1_l3	Pktfmt1_L3
pktfmt1_l3_type	Pktfmt1_L3_Type
pktfmt1_l3_type	Pktfmt1_L3_Type
pktfmt1_mpls_null	Pktfmt1_Mpls_Null
pktfmt1_mpls_null	Pktfmt1_Mpls_Null
pktfmt1_snap	Pktfmt1_Snap
pktfmt1_snap	Pktfmt1_Snap
pktfmt1_cntag	Pktfmt1_Cntag
pktfmt1_cntag	Pktfmt1_Cntag
pktfmt1_ttag	Pktfmt1_Ttag
pktfmt1_ttag	Pktfmt1_Ttag
pktfmt1_cmd_dgt	Pktfmt1_Cmd_Dgt
pktfmt1_cmd_dgt	Pktfmt1_Cmd_Dgt
pktfmt1_cmd_sgt	Pktfmt1_Cmd_Sgt
pktfmt1_cmd_sgt	Pktfmt1_Cmd_Sgt
pktfmt1_cdce	Pktfmt1_Cdce
pktfmt1_cdce	Pktfmt1_Cdce
pktfmt1_trill	Pktfmt1_Trill
pktfmt1_trill	Pktfmt1_Trill
pktfmt1_qtag2	Pktfmt1_Qtag2
pktfmt1_qtag2	Pktfmt1_Qtag2
pktfmt1_qtag1	Pktfmt1_Qtag1
pktfmt1_qtag1	Pktfmt1_Qtag1

pktfmt1_qtag0	Pktfmt1_Qtag0
pktfmt1_qtag0	Pktfmt1_Qtag0
pktfmt1_ivntag	Pktfmt1_Ivntag
pktfmt1_ivntag	Pktfmt1_Ivntag
pktfmt1_vntag	Pktfmt1_Vntag
pktfmt1_vntag	Pktfmt1_Vntag
pktfmt1_ce	Pktfmt1_Ce
pktfmt1_ce	Pktfmt1_Ce
pktfmt1_ieth	Pktfmt1_Ieth
pktfmt1_ieth	Pktfmt1_Ieth
pktfmt1_higig2	Pktfmt1_Higig2
pktfmt1_higig2	Pktfmt1_Higig2
pktfmt0_inner	Pktfmt0_Inner
pktfmt0_inner	Pktfmt0_Inner
pktfmt0_l3	Pktfmt0_L3
pktfmt0_l3	Pktfmt0_L3
pktfmt0_l3_type	Pktfmt0_L3_Type
pktfmt0_l3_type	Pktfmt0_L3_Type
pktfmt0_mpls_null	Pktfmt0_Mpls_Null
pktfmt0_mpls_null	Pktfmt0_Mpls_Null
pktfmt0_snap	Pktfmt0_Snap
pktfmt0_snap	Pktfmt0_Snap
pktfmt0_cntag	Pktfmt0_Cntag
pktfmt0_cntag	Pktfmt0_Cntag
pktfmt0_ttag	Pktfmt0_Ttag
pktfmt0_ttag	Pktfmt0_Ttag
pktfmt0_cmd_dgt	Pktfmt0_Cmd_Dgt
pktfmt0_cmd_dgt	Pktfmt0_Cmd_Dgt
pktfmt0_cmd_sgt	Pktfmt0_Cmd_Sgt

pktfmt0_cmd_sgt	Pktfmt0_Cmd_Sgt
pktfmt0_cdce	Pktfmt0_Cdce
pktfmt0_cdce	Pktfmt0_Cdce
pktfmt0_trill	Pktfmt0_Trill
pktfmt0_trill	Pktfmt0_Trill
pktfmt0_qtag2	Pktfmt0_Qtag2
pktfmt0_qtag2	Pktfmt0_Qtag2
pktfmt0_qtag1	Pktfmt0_Qtag1
pktfmt0_qtag1	Pktfmt0_Qtag1
pktfmt0_qtag0	Pktfmt0_Qtag0
pktfmt0_qtag0	Pktfmt0_Qtag0
pktfmt0_ivntag	Pktfmt0_Ivntag
pktfmt0_ivntag	Pktfmt0_Ivntag
pktfmt0_vntag	Pktfmt0_Vntag
pktfmt0_vntag	Pktfmt0_Vntag
pktfmt0_ce	Pktfmt0_Ce
pktfmt0_ce	Pktfmt0_Ce
pktfmt0_ieth	Pktfmt0_Ieth
pktfmt0_ieth	Pktfmt0_Ieth
pktfmt0_higig2	Pktfmt0_Higig2
pktfmt0_higig2	Pktfmt0_Higig2

Command Mode

- /exec/elamtah/outsel0

set pktrw

```
set pktrw { spare <spare> | cap_access <cap_access> | bounce <bounce> | dst_vnic_if <dst_vnic_if> | src_vnic_if
<src_vnic_if> | pif_block_type <pif_block_type> | epg_out <epg_out> | epg_in <epg_in> | sup_qnum
<sup_qnum> | sup_code <sup_code> | ecn_coi <ecn_coi> | ecn_cio <ecn_cio> | ttl_coi <ttl_coi> | ttl_cio
<ttl_cio> | qos_map_idx <qos_map_idx> | lat_update <lat_update> | lat_index <lat_index> | dclass <dclass>
| sclass <sclass> | ol_fb_metric <ol_fb_metric> | ol_fb_vpath <ol_fb_vpath> | ol_dre <ol_dre> | ol_vpath
<ol_vpath> | ol_dp <ol_dp> | ol_sp <ol_sp> | ol_e <ol_e> | ol_dl <ol_dl> | ol_lb <ol_lb> | ol_mark <ol_mark>
| ol_udp_sp <ol_udp_sp> | ol_ecn <ol_ecn> | nat_idx <nat_idx> | nat_vld <nat_vld> | dst_addr1 <dst_addr1>
| dst_addr0 <dst_addr0> | adj_vld <adj_vld> | encap_l2_idx <encap_l2_idx> | encap_pcid <encap_pcid> |
encap_idx <encap_idx> | encap_vld <encap_vld> | my_pcid <my_pcid> | my_tep_idx <my_tep_idx> | fwd_op
<fwd_op> | orig_encap_type <orig_encap_type> | pkt_type <pkt_type> | len_type <len_type> | cap_1588
<cap_1588> | pktid <pktid> | srcid <srcid> | tstamp <tstamp> | pktfmt1_inner <pktfmt1_inner> | pktfmt1_l3
<pktfmt1_l3> | pktfmt1_l3_type <pktfmt1_l3_type> | pktfmt1_mpls_null <pktfmt1_mpls_null> | pktfmt1_snap
<pktfmt1_snap> | pktfmt1_cntag <pktfmt1_cntag> | pktfmt1_ttag <pktfmt1_ttag> | pktfmt1_cmd_dgt
<pktfmt1_cmd_dgt> | pktfmt1_cmd_sgt <pktfmt1_cmd_sgt> | pktfmt1_cdce <pktfmt1_cdce> | pktfmt1_trill
<pktfmt1_trill> | pktfmt1_qtag2 <pktfmt1_qtag2> | pktfmt1_qtag1 <pktfmt1_qtag1> | pktfmt1_qtag0
<pktfmt1_qtag0> | pktfmt1_ivntag <pktfmt1_ivntag> | pktfmt1_vntag <pktfmt1_vntag> | pktfmt1_ce
<pktfmt1_ce> | pktfmt1_ieth <pktfmt1_ieth> | pktfmt1_higig2 <pktfmt1_higig2> | pktfmt0_inner
<pktfmt0_inner> | pktfmt0_l3 <pktfmt0_l3> | pktfmt0_l3_type <pktfmt0_l3_type> | pktfmt0_mpls_null
<pktfmt0_mpls_null> | pktfmt0_snap <pktfmt0_snap> | pktfmt0_cntag <pktfmt0_cntag> | pktfmt0_ttag
<pktfmt0_ttag> | pktfmt0_cmd_dgt <pktfmt0_cmd_dgt> | pktfmt0_cmd_sgt <pktfmt0_cmd_sgt> | pktfmt0_cdce
<pktfmt0_cdce> | pktfmt0_trill <pktfmt0_trill> | pktfmt0_qtag2 <pktfmt0_qtag2> | pktfmt0_qtag1
<pktfmt0_qtag1> | pktfmt0_qtag0 <pktfmt0_qtag0> | pktfmt0_ivntag <pktfmt0_ivntag> | pktfmt0_vntag
<pktfmt0_vntag> | pktfmt0_ce <pktfmt0_ce> | pktfmt0_ieth <pktfmt0_ieth> | pktfmt0_higig2 <pktfmt0_higig2>
} +
```

Syntax Description

set	Setup Trigger
pktrw	All pktrw fields
spare	Spare
spare	Spare
cap_access	Cap_Access
cap_access	Cap_Access
bounce	Bounce
bounce	Bounce
dst_vnic_if	Dst_Vnic_If
dst_vnic_if	Dst_Vnic_If
src_vnic_if	Src_Vnic_If
src_vnic_if	Src_Vnic_If

pif_block_type	Pif_Block_Type
pif_block_type	Pif_Block_Type
epg_out	Epg_Out
epg_out	Epg_Out
epg_in	Epg_In
epg_in	Epg_In
sup_qnum	Sup_Qnum
sup_qnum	Sup_Qnum
sup_code	Sup_Code
sup_code	Sup_Code
ecn_coi	Ecn_Coi
ecn_coi	Ecn_Coi
ecn_cio	Ecn_Cio
ecn_cio	Ecn_Cio
tfl_coi	Tfl_Coi
tfl_coi	Tfl_Coi
tfl_cio	Tfl_Cio
tfl_cio	Tfl_Cio
qos_map_idx	Qos_Map_Idx
qos_map_idx	Qos_Map_Idx
lat_update	Lat_Update
lat_update	Lat_Update
lat_index	Lat_Index
lat_index	Lat_Index
dclass	Dclass
dclass	Dclass
sclass	Sclass
sclass	Sclass
ol_fb_metric	Ol_Fb_Metric

ol_fb_metric	Ol_Fb_Metric
ol_fb_vpath	Ol_Fb_Vpath
ol_fb_vpath	Ol_Fb_Vpath
ol_dre	Ol_Dre
ol_dre	Ol_Dre
ol_vpath	Ol_Vpath
ol_vpath	Ol_Vpath
ol_dp	Ol_Dp
ol_dp	Ol_Dp
ol_sp	Ol_Sp
ol_sp	Ol_Sp
ol_e	Ol_E
ol_e	Ol_E
ol_dl	Ol_Dl
ol_dl	Ol_Dl
ol_lb	Ol_Lb
ol_lb	Ol_Lb
ol_mark	Ol_Mark
ol_mark	Ol_Mark
ol_udp_sp	Ol_Udp_Sp
ol_udp_sp	Ol_Udp_Sp
ol_ecn	Ol_Ecn
ol_ecn	Ol_Ecn
nat_idx	Nat_Idx
nat_idx	Nat_Idx
nat_vld	Nat_Vld
nat_vld	Nat_Vld
dst_addr1	Dst_Addr1
dst_addr1	Dst_Addr1

dst_addr0	Dst_Addr0
dst_addr0	Dst_Addr0
adj_vld	Adj_Vld
adj_vld	Adj_Vld
encap_l2_idx	Encap_L2_Idx
encap_l2_idx	Encap_L2_Idx
encap_pcid	Encap_Pcid
encap_pcid	Encap_Pcid
encap_idx	Encap_Idx
encap_idx	Encap_Idx
encap_vld	Encap_Vld
encap_vld	Encap_Vld
my_pcid	My_Pcid
my_pcid	My_Pcid
my_tep_idx	My_Tep_Idx
my_tep_idx	My_Tep_Idx
fwd_op	Fwd_Op
fwd_op	Fwd_Op
orig_encap_type	Orig_Encap_Type
orig_encap_type	Orig_Encap_Type
pkt_type	Pkt_Type
pkt_type	Pkt_Type
len_type	Len_Type
len_type	Len_Type
cap_1588	Cap_1588
cap_1588	Cap_1588
pktid	Pktid
pktid	Pktid
srcid	Srcid

srcid	Srcid
tstamp	Tstamp
tstamp	Tstamp
pktfmt1_inner	Pktfmt1_Inner
pktfmt1_inner	Pktfmt1_Inner
pktfmt1_l3	Pktfmt1_L3
pktfmt1_l3	Pktfmt1_L3
pktfmt1_l3_type	Pktfmt1_L3_Type
pktfmt1_l3_type	Pktfmt1_L3_Type
pktfmt1_mpls_null	Pktfmt1_Mpls_Null
pktfmt1_mpls_null	Pktfmt1_Mpls_Null
pktfmt1_snap	Pktfmt1_Snap
pktfmt1_snap	Pktfmt1_Snap
pktfmt1_cntag	Pktfmt1_Cntag
pktfmt1_cntag	Pktfmt1_Cntag
pktfmt1_ttag	Pktfmt1_Ttag
pktfmt1_ttag	Pktfmt1_Ttag
pktfmt1_cmd_dgt	Pktfmt1_Cmd_Dgt
pktfmt1_cmd_dgt	Pktfmt1_Cmd_Dgt
pktfmt1_cmd_sgt	Pktfmt1_Cmd_Sgt
pktfmt1_cmd_sgt	Pktfmt1_Cmd_Sgt
pktfmt1_cdce	Pktfmt1_Cdce
pktfmt1_cdce	Pktfmt1_Cdce
pktfmt1_trill	Pktfmt1_Trill
pktfmt1_trill	Pktfmt1_Trill
pktfmt1_qtag2	Pktfmt1_Qtag2
pktfmt1_qtag2	Pktfmt1_Qtag2
pktfmt1_qtag1	Pktfmt1_Qtag1
pktfmt1_qtag1	Pktfmt1_Qtag1

pktfmt1_qtag0	Pktfmt1_Qtag0
pktfmt1_qtag0	Pktfmt1_Qtag0
pktfmt1_ivntag	Pktfmt1_Ivntag
pktfmt1_ivntag	Pktfmt1_Ivntag
pktfmt1_vntag	Pktfmt1_Vntag
pktfmt1_vntag	Pktfmt1_Vntag
pktfmt1_ce	Pktfmt1_Ce
pktfmt1_ce	Pktfmt1_Ce
pktfmt1_ieth	Pktfmt1_Ieth
pktfmt1_ieth	Pktfmt1_Ieth
pktfmt1_higig2	Pktfmt1_Higig2
pktfmt1_higig2	Pktfmt1_Higig2
pktfmt0_inner	Pktfmt0_Inner
pktfmt0_inner	Pktfmt0_Inner
pktfmt0_l3	Pktfmt0_L3
pktfmt0_l3	Pktfmt0_L3
pktfmt0_l3_type	Pktfmt0_L3_Type
pktfmt0_l3_type	Pktfmt0_L3_Type
pktfmt0_mpls_null	Pktfmt0_Mpls_Null
pktfmt0_mpls_null	Pktfmt0_Mpls_Null
pktfmt0_snap	Pktfmt0_Snap
pktfmt0_snap	Pktfmt0_Snap
pktfmt0_cntag	Pktfmt0_Cntag
pktfmt0_cntag	Pktfmt0_Cntag
pktfmt0_ttag	Pktfmt0_Ttag
pktfmt0_ttag	Pktfmt0_Ttag
pktfmt0_cmd_dgt	Pktfmt0_Cmd_Dgt
pktfmt0_cmd_dgt	Pktfmt0_Cmd_Dgt
pktfmt0_cmd_sgt	Pktfmt0_Cmd_Sgt

pktfmt0_cmd_sgt	Pktfmt0_Cmd_Sgt
pktfmt0_cdce	Pktfmt0_Cdce
pktfmt0_cdce	Pktfmt0_Cdce
pktfmt0_trill	Pktfmt0_Trill
pktfmt0_trill	Pktfmt0_Trill
pktfmt0_qtag2	Pktfmt0_Qtag2
pktfmt0_qtag2	Pktfmt0_Qtag2
pktfmt0_qtag1	Pktfmt0_Qtag1
pktfmt0_qtag1	Pktfmt0_Qtag1
pktfmt0_qtag0	Pktfmt0_Qtag0
pktfmt0_qtag0	Pktfmt0_Qtag0
pktfmt0_ivntag	Pktfmt0_Ivntag
pktfmt0_ivntag	Pktfmt0_Ivntag
pktfmt0_vntag	Pktfmt0_Vntag
pktfmt0_vntag	Pktfmt0_Vntag
pktfmt0_ce	Pktfmt0_Ce
pktfmt0_ce	Pktfmt0_Ce
pktfmt0_ieth	Pktfmt0_Ieth
pktfmt0_ieth	Pktfmt0_Ieth
pktfmt0_higig2	Pktfmt0_Higig2
pktfmt0_higig2	Pktfmt0_Higig2

Command Mode

- /exec/elamtah/outsell

set sb_info

```
set sb_info { oslice_vec <oslice_vec> | srvc_oslice_vec <srvc_oslice_vec> | is_tcp <is_tcp> | srvc_class
<srvc_class> | cpu_oclass <cpu_oclass> | set_v <set_v> | set_idx <set_idx> | set_last <set_last> | bd <bd> |
src_is_l3_if <src_is_l3_if> | src_is_vpc_peer <src_is_vpc_peer> | is_my_tep <is_my_tep> | src_sh_group
<src_sh_group> | ftag <ftag> | rpf_fail <rpf_fail> | post_route_flood <post_route_flood> | pkt_hash <pkt_hash>
| bpdu <bpdu> | met0_v <met0_v> | met0_idx <met0_idx> | met0_last <met0_last> | met1_v <met1_v> |
met1_idx <met1_idx> | met1_last <met1_last> | ip_clen <ip_clen> | ip_clen <ip_clen> | sod_cap <sod_cap>
| sod_en <sod_en> } +
```

Syntax Description

set	Setup Trigger
sb_info	All sb_info fields
oslice_vec	Oslice_Vec
oslice_vec	Oslice_Vec
srvc_oslice_vec	srvc_oslice_vec
srvc_oslice_vec	srvc_oslice_vec
is_tcp	is_tcp
is_tcp	is_tcp
srvc_class	srvc_class
srvc_class	srvc_class
cpu_oclass	cpu_oclass
cpu_oclass	cpu_oclass
set_v	set_v
set_v	set_v
set_idx	set_idx
set_idx	set_idx
set_last	set_last
set_last	set_last
bd	bd
bd	bd
src_is_l3_if	src_is_l3_if
src_is_l3_if	src_is_l3_if

src_is_vpc_peer	src_is_vpc_peer
src_is_vpc_peer	src_is_vpc_peer
is_my_tep	is_my_tep
is_my_tep	is_my_tep
src_sh_group	src_sh_group
src_sh_group	src_sh_group
ftag	ftag
ftag	ftag
rpf_fail	rpf_fail
rpf_fail	rpf_fail
post_route_flood	post_route_flood
post_route_flood	post_route_flood
pkt_hash	pkt_hash
pkt_hash	pkt_hash
bpdu	bpdu
bpdu	bpdu
met0_v	met0_v
met0_v	met0_v
met0_idx	met0_idx
met0_idx	met0_idx
met0_last	met0_last
met0_last	met0_last
met1_v	met1_v
met1_v	met1_v
met1_idx	met1_idx
met1_idx	met1_idx
met1_last	met1_last
met1_last	met1_last
ip_clen	ip_clen

ip_clen	ip_clen
sod_cap	sod_cap
sod_cap	sod_cap
sod_en	sod_en
sod_en	sod_en

Command Mode

- /exec/elamtah/outsel2

set sb_info

```
set sb_info { oslice_vec <oslice_vec> | srvc_oslice_vec <srvc_oslice_vec> | is_tcp <is_tcp> | srvc_class
<srvc_class> | cpu_oclass <cpu_oclass> | set_v <set_v> | set_idx <set_idx> | set_last <set_last> | bd <bd> |
src_is_l3_if <src_is_l3_if> | src_is_vpc_peer <src_is_vpc_peer> | is_my_tep <is_my_tep> | src_sh_group
<src_sh_group> | ftag <ftag> | rpf_fail <rpf_fail> | post_route_flood <post_route_flood> | pkt_hash <pkt_hash>
| bpdu <bpdu> | met0_v <met0_v> | met0_idx <met0_idx> | met0_last <met0_last> | met1_v <met1_v> |
met1_idx <met1_idx> | met1_last <met1_last> | ip_clen <ip_clen> | ip_clen <ip_clen> | sod_cap <sod_cap>
| sod_en <sod_en> } +
```

Syntax Description

set	Setup Trigger
sb_info	All sb_info fields
oslice_vec	Oslice_Vec
oslice_vec	Oslice_Vec
srvc_oslice_vec	srvc_oslice_vec
srvc_oslice_vec	srvc_oslice_vec
is_tcp	is_tcp
is_tcp	is_tcp
srvc_class	srvc_class
srvc_class	srvc_class
cpu_oclass	cpu_oclass
cpu_oclass	cpu_oclass
set_v	set_v
set_v	set_v
set_idx	set_idx
set_idx	set_idx
set_last	set_last
set_last	set_last
bd	bd
bd	bd
src_is_l3_if	src_is_l3_if
src_is_l3_if	src_is_l3_if

src_is_vpc_peer	src_is_vpc_peer
src_is_vpc_peer	src_is_vpc_peer
is_my_tep	is_my_tep
is_my_tep	is_my_tep
src_sh_group	src_sh_group
src_sh_group	src_sh_group
ftag	ftag
ftag	ftag
rpf_fail	rpf_fail
rpf_fail	rpf_fail
post_route_flood	post_route_flood
post_route_flood	post_route_flood
pkt_hash	pkt_hash
pkt_hash	pkt_hash
bpdu	bpdu
bpdu	bpdu
met0_v	met0_v
met0_v	met0_v
met0_idx	met0_idx
met0_idx	met0_idx
met0_last	met0_last
met0_last	met0_last
met1_v	met1_v
met1_v	met1_v
met1_idx	met1_idx
met1_idx	met1_idx
met1_last	met1_last
met1_last	met1_last
ip_clen	ip_clen

ip_clen	ip_clen
sod_cap	sod_cap
sod_cap	sod_cap
sod_en	sod_en
sod_en	sod_en

Command Mode

- /exec/elamtah/outsel0

set sideband

```
set sideband { cpu_oport <cpu_oport> | span_idx <span_idx> | ovector_idx <ovector_idx> | iclass <iclass> |
oclass <oclass> | opcode <opcode> | ecncapable <ecncapable> | nodrop <nodrop> | storefwd <storefwd> |
spantransit <spantransit> | rr <rr> | ecnmark <ecnmark> | gbw_tagged <gbw_tagged> | gbw_color <gbw_color>
| bnce <bnce> | spanslc <spanslc> | segrate <segrate> | mark <mark> } +
```

Syntax Description

set	Setup Trigger
sideband	All sideband fields
cpu_oport	Cpu_Oport
cpu_oport	Cpu_Oport
span_idx	Span_Idx
span_idx	Span_Idx
ovector_idx	Ovector_Idx
ovector_idx	Ovector_Idx
iclass	Iclass
iclass	Iclass
oclass	Oclass
oclass	Oclass
opcode	Opcode
opcode	Opcode
ecncapable	Ecncapable
ecncapable	Ecncapable
nodrop	Nodrop
nodrop	Nodrop
storefwd	Storefwd
storefwd	Storefwd
spantransit	Spantransit
spantransit	Spantransit
rr	Rr

rr	Rr
ecnmark	Ecnmark
ecnmark	Ecnmark
gbw_tagged	Gbw_Tagged
gbw_tagged	Gbw_Tagged
gbw_color	Gbw_Color
gbw_color	Gbw_Color
bnce	Bnce
bnce	Bnce
spanslc	Spanslc
spanslc	Spanslc
segrate	Segrate
segrate	Segrate
mark	Mark
mark	Mark

Command Mode

- /exec/elamtah/outsel0

set sideband

```
set sideband { cpu_oport <cpu_oport> | span_idx <span_idx> | ovector_idx <ovector_idx> | iclass <iclass> |
oclass <oclass> | opcode <opcode> | encapable <encapable> | nodrop <nodrop> | storefwd <storefwd> |
spantransit <spantransit> | rr <rr> | ecnmark <ecnmark> | gbw_tagged <gbw_tagged> | gbw_color <gbw_color>
| bnce <bnce> | spanslc <spanslc> | segrate <segrate> | mark <mark> } +
```

Syntax Description

set	Setup Trigger
sideband	All sideband fields
cpu_oport	Cpu_Oport
cpu_oport	Cpu_Oport
span_idx	Span_Idx
span_idx	Span_Idx
ovector_idx	Ovector_Idx
ovector_idx	Ovector_Idx
iclass	Iclass
iclass	Iclass
oclass	Oclass
oclass	Oclass
opcode	Opcode
opcode	Opcode
encapable	Encapable
encapable	Encapable
nodrop	Nodrop
nodrop	Nodrop
storefwd	Storefwd
storefwd	Storefwd
spantransit	Spantransit
spantransit	Spantransit
rr	Rr

rr	Rr
ecnmark	Ecnmark
ecnmark	Ecnmark
gbw_tagged	Gbw_Tagged
gbw_tagged	Gbw_Tagged
gbw_color	Gbw_Color
gbw_color	Gbw_Color
bnce	Bnce
bnce	Bnce
spanslc	Spanslc
spanslc	Spanslc
segrate	Segrate
segrate	Segrate
mark	Mark
mark	Mark

Command Mode

- /exec/elamtah/outsell

set sideband

```
set sideband { cpu_oport <cpu_oport> | span_idx <span_idx> | ovector_idx <ovector_idx> | iclass <iclass> |
oclass <oclass> | opcode <opcode> | encapable <encapable> | nodrop <nodrop> | storefwd <storefwd> |
spantransit <spantransit> | rr <rr> | ecnmark <ecnmark> | gbw_tagged <gbw_tagged> | gbw_color <gbw_color>
| bnce <bnce> | spanslc <spanslc> | segrate <segrate> | mark <mark> } +
```

Syntax Description

set	Setup Trigger
sideband	All sideband fields
cpu_oport	Cpu_Oport
cpu_oport	Cpu_Oport
span_idx	Span_Idx
span_idx	Span_Idx
ovector_idx	Ovector_Idx
ovector_idx	Ovector_Idx
iclass	Iclass
iclass	Iclass
oclass	Oclass
oclass	Oclass
opcode	Opcode
opcode	Opcode
encapable	Encapable
encapable	Encapable
nodrop	Nodrop
nodrop	Nodrop
storefwd	Storefwd
storefwd	Storefwd
spantransit	Spantransit
spantransit	Spantransit
rr	Rr

rr	Rr
ecnmark	Ecnmark
ecnmark	Ecnmark
gbw_tagged	Gbw_Tagged
gbw_tagged	Gbw_Tagged
gbw_color	Gbw_Color
gbw_color	Gbw_Color
bnce	Bnce
bnce	Bnce
spanslc	Spanslc
spanslc	Spanslc
segrate	Segrate
segrate	Segrate
mark	Mark
mark	Mark

Command Mode

- /exec/elamtah/outsel2

set sideband

```
set sideband { span_vec <span_vec> | bounce <bnc> | mclast <mclast> | mcastcurptr <mccurptr> | mcastcurptr_v
<mccurptr_v> | srcport <sport> | vlan <vlan> | segwgt <segwgt> | segid <segid> | seglocal <seglcl> | gbw_color
<gbw_color> | gbw_tag <gbw_tagg> | fwddrp <fwddrp> | l2fld <l2fld> | nodrp <nodrp> | ovrlyidx <ovrlyidx>
| ecncap <ecncap> | cpu <cpu> | store_fwd <stfwd> | mcast <mcast> | oclass <ocls> | iclass <icls> | odest_v
<odest_v> | odest <odest> | ovec <ovec> | span_trans <span_trans> | lbtype <lbtype> | lbena <lbena> | tdmid
<tdmid> | pktid <pktid> | srcid <srcid> | eoferror <eoferr> | eofbytes <eofby> | eof <eof> | sof <sof> } +
```

Syntax Description

set	Setup Trigger
sideband	All sideband fields
span_vec	SPAN vector
span_vec	SPAN vector
bounce	Bounce
bnc	Bounce
mclast	Mclast
mclast	Mclast
mcastcurptr	Mcast cur ptr
mccurptr	Mcast cur ptr
mcastcurptr_v	Mcast cur ptr v
mccurptr_v	Mcast cur ptr v
srcport	Source Port
sport	Source Port
vlan	Vlan
vlan	Vlan
segwgt	Segwgt
segwgt	Segwgt
segid	Segid
segid	Segid
seglocal	Seglocal
seglcl	Seglocal

gbw_color	GBW color
gbw_color	GBW color
gbw_tag	GBW tagged
gbw_tagg	GBW tagged
fwddrp	Forward drop
fwddrp	Forward drop
l2fld	L2 Flood
l2fld	L2 Flood
nodrp	No drop
nodrp	No drop
ovrlyidx	Overlay index
ovrlyidx	Overlay index
ecncap	ECN Capable
ecncap	ECN Capable
cpu	CPU
cpu	CPU
store_fwd	Store_fwd
stfwd	Store_fwd
mcast	Multicast
mcast	Multicast
oclass	Output class
ocls	Output class
iclass	Input class
icls	Input class
odest_v	Odest_v
odest_v	Odest_v
odest	Odest
odest	Odest
ovec	Ovector

ovec	Ovector
span_trans	SPAN transit
span_trans	SPAN transit
lbtype	Lbtype
lbtype	Lbtype
lbena	Lbenable
lbena	Lbenable
tdmid	Tdmid
tdmid	Tdmid
pktid	Pkt_id
pktid	Pkt_id
srcid	Src_id
srcid	Src_id
eoferror	EOF error
eoferr	EOF erro
eofbytes	EOF bytes
eofby	EOF bytes
eof	EOF
eof	EOF
sof	SOF
sof	SOF

Command Mode

- /exec/elamns/outsel5

set stats

```
set stats { vld0 <vld0> | atomic0 <atomic0> | mode0 <mode0> | index0 <index0> | vld1 <vld1> | atomic1
<atomic1> | mode1 <mode1> | index1 <index1> | vld2 <vld2> | atomic2 <atomic2> | mode2 <mode2> | index2
<index2> | vld3 <vld3> | atomic3 <atomic3> | mode3 <mode3> | index3 <index3> | vld4 <vld4> | atomic4
<atomic4> | mode4 <mode4> | index4 <index4> | vld5 <vld5> | atomic5 <atomic5> | mode5 <mode5> | index5
<index5> | vld6 <vld6> | atomic6 <atomic6> | mode6 <mode6> | index6 <index6> | vld7 <vld7> | atomic7
<atomic7> | mode7 <mode7> | index7 <index7> } +
```

Syntax Description

set	Setup Trigger
stats	All stats fields
vld0	Vld0
vld0	Vld0
atomic0	Atomic0
atomic0	Atomic0
mode0	Mode0
mode0	Mode0
index0	Index0
index0	Index0
vld1	Vld1
vld1	Vld1
atomic1	Atomic1
atomic1	Atomic1
mode1	Mode1
mode1	Mode1
index1	Index1
index1	Index1
vld2	Vld2
vld2	Vld2
atomic2	Atomic2
atomic2	Atomic2

mode2	Mode2
mode2	Mode2
index2	Index2
index2	Index2
vld3	Vld3
vld3	Vld3
atomic3	Atomic3
atomic3	Atomic3
mode3	Mode3
mode3	Mode3
index3	Index3
index3	Index3
vld4	Vld4
vld4	Vld4
atomic4	Atomic4
atomic4	Atomic4
mode4	Mode4
mode4	Mode4
index4	Index4
index4	Index4
vld5	Vld5
vld5	Vld5
atomic5	Atomic5
atomic5	Atomic5
mode5	Mode5
mode5	Mode5
index5	Index5
index5	Index5
vld6	Vld6

vld6	Vld6
atomic6	Atomic6
atomic6	Atomic6
mode6	Mode6
mode6	Mode6
index6	Index6
index6	Index6
vld7	Vld7
vld7	Vld7
atomic7	Atomic7
atomic7	Atomic7
mode7	Mode7
mode7	Mode7
index7	Index7
index7	Index7

Command Mode

- /exec/elamtah/outsel2

set tag

```
{ { set tag <value> } | { no set tag [ <value> ] } }
```

Syntax Description

no	Negate a command or set its defaults
set	Set values in destination routing protocol
tag	Tag value for destination routing protocol
value	Tag value

Command Mode

- /exec/configure/route-map

set weight

```
{ set weight <count> | no set weight [ <count> ] }
```

Syntax Description

no	Negate a command or set its defaults
set	Set values in destination routing protocol
weight	BGP weight for routing table
count	Weight value

Command Mode

- /exec/configure/route-map

setup

setup

Syntax Description

setup	Run the basic SETUP command facility
-------	--------------------------------------

Command Mode

- /exec

sflow

```
sflow { [ sampling-rate <rate> ] [ max-sampled-size <pkt-size> ] [ counter-poll-interval <interval> ] [ max-datagram-size <dgram-size> ] [ collector-ip <dst-ip> vrf { <vrf-name> | <vrf-known-name> } [ source <src-ip> ] ] [ collector-port <dst-port> ] [ agent-ip <agent-ip> ] }
```

Syntax Description

sflow	change sFlow global settings
sampling-rate	(Optional) sFlow Sampling Rate
rate	(Optional) sFlow Sampling rate
max-sampled-size	(Optional) sFlow Sampled Size
pkt-size	(Optional) sFlow Sampled Size
counter-poll-interval	(Optional) sFlow Counter Poll Interval
interval	(Optional) sFlow Counter Poll Interval
max-datagram-size	(Optional) sFlow Datagram Size
dgram-size	(Optional) sFlow Datagram Size
collector-ip	(Optional) sFlow Collector IP address
dst-ip	(Optional) sFlow Collector IP address
vrf	(Optional) Display per-VRF information
vrf-name	(Optional) VRF name
vrf-known-name	(Optional) Known VRF name
source	(Optional) Source IP address to send to sFlow Collector
src-ip	(Optional) Source IP address to send to sFlow Collector
collector-port	(Optional) sFlow Collector UDP port
dst-port	(Optional) sFlow Collector UDP port
agent-ip	(Optional) sFlow Agent IP address
agent-ip	(Optional) sFlow Agent IP address

Command Mode

- /exec/configure

sflow

[no] sflow { sampling-rate | max-sampled-size | counter-poll-interval | max-datagram-size | collector-ip | collector-port | agent-ip }

Syntax Description

no	Negate a command or set its defaults
sflow	change sFlow global settings
sampling-rate	sFlow Sampling Rate
max-sampled-size	sFlow Sampled Size
counter-poll-interval	sFlow Counter Poll Interval
max-datagram-size	sFlow Datagram Size
collector-ip	sFlow Collector IP address
collector-port	sFlow Collector UDP port
agent-ip	sFlow Agent IP address

Command Mode

- /exec/configure

sflow data-source interface

[no] sflow data-source interface { <ifnum> | <pcifnum> }

Syntax Description

no	Negate a command or set its defaults
sflow	change sFlow global settings
data-source	sFlow Data Source
interface	sFlow Data Source Interface
ifnum	sFlow Data Source Interface
pcifnum	sFlow Data Source Interface

Command Mode

- /exec/configure

sflow data-source interface

sflow data-source interface { <ifnum> | <pcifnum> }

Syntax Description

sflow	change sFlow global settings
data-source	sFlow Data Source
interface	sFlow Data Source Interface
ifnum	sFlow Data Source Interface
pcifnum	sFlow Data Source Interface

Command Mode

- /exec/configure

sflow extended switch

[no] sflow extended switch

Syntax Description

no	(Optional) Negate a command or set its defaults
sflow	change sFlow global settings
extended	sFlow extended flow records
switch	sFlow extended switch flow

Command Mode

- /exec/configure

shared-secret

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

Syntax Description

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

Command Mode

- /exec/configure/fabric-db/server-radius

shut

[no] shut

Syntax Description

no	(Optional) Negate a command or set its defaults
shut	Shut a monitor session

Command Mode

- /exec/configure/monitor-common

shutdown

[no] shutdown

Syntax Description

no	(Optional) Negate a command or set its defaults
shutdown	

Command Mode

- /exec/configure/itd /exec/configure/itd-inout

shutdown

[no] shutdown

Syntax Description

no	(Optional) Negate a command or set its defaults
shutdown	Shutdown this instance of RIP

Command Mode

- /exec/configure/router-rip /exec/configure/router-rip/router-rip-vrf

shutdown

[no] shutdown

Syntax Description

no	(Optional) Negate a command or set its defaults
shutdown	Change the admin status of the bundle

Command Mode

- /exec/configure/anycast

shutdown

[no] shutdown

Syntax Description

no	(Optional) Negate a command or set its defaults
shutdown	

Command Mode

- /exec/configure/catena /exec/configure/catena

shutdown

[no] shutdown

Syntax Description

no	(Optional) Negate a command or set its defaults
shutdown	Shutdown tunnel interface(s)

Command Mode

- /exec/configure/if-any-tunnel

shutdown

[no] shutdown

Syntax Description

no	(Optional) Negate a command or set its defaults
shutdown	OpenFlow switch shutdown

Command Mode

- /exec/configure/openflow/switch

shutdown

[no] shutdown

Syntax Description

no	(Optional) Negate a command or set its defaults
shutdown	OpenFlow switch shutdown

Command Mode

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

shutdown

[no] shutdown

Syntax Description

no	(Optional) Negate a command or set its defaults
shutdown	Shutdown this IS-IS process

Command Mode

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

shutdown

[no] shutdown

Syntax Description

no	(Optional) Negate a command or set its defaults
shutdown	shutdown the OSPF protocol instance

Command Mode

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

shutdown

[no] shutdown

Syntax Description

no	(Optional) Negate the command
shutdown	Enable Transient Capture Buffer

Command Mode

- /exec/configure/pkt-drop

shutdown

[no] shutdown

Syntax Description

no	(Optional) Negate a command or set its defaults
shutdown	Shutdown this instance of EIGRP

Command Mode

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

shutdown

[no] shutdown

Syntax Description

no	(Optional) Negate a command or set its defaults
shutdown	Enable or disable a VR

Command Mode

- /exec/configure/if-eth-any/vrrp

shutdown

[no] shutdown

Syntax Description

no	(Optional) Negate a command or set its defaults
shutdown	Enable/disable an interface

Command Mode

- /exec/configure/if-vlan-common

shutdown

[no] shutdown

Syntax Description

no	(Optional) Negate a command or set its defaults
shutdown	Shutdown Segment Routing

Command Mode

- /exec/configure/config-sr-mpls

shutdown

[no] shutdown

Syntax Description

no	(Optional) Negate a command or set its defaults
shutdown	Shutdown VLAN switching

Command Mode

- /exec/configure/vlan

shutdown

[no] shutdown

Syntax Description

no	(Optional) Negate a command or set its defaults
shutdown	Enable/disable an interface

Command Mode

- /exec/configure/if-mgmt-ether

shutdown

[no] shutdown [force]

Syntax Description

no	(Optional) Negate a command or set its defaults
shutdown	Enable/disable an interface
force	(Optional) Enable/disable an interface

Command Mode

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

shutdown

[no] shutdown [force]

Syntax Description

no	(Optional) Negate a command or set its defaults
shutdown	Enable/disable an interface
force	(Optional) Enable/disable an interface

Command Mode

- /exec/configure/if-nve

shutdown

[no] shutdown [force]

Syntax Description

no	(Optional) Negate a command or set its defaults
shutdown	Enable/disable an interface
force	(Optional) Enable/disable an interface

Command Mode

- /exec/configure/if-loopback

shutdown

[no] shutdown [force]

Syntax Description

no	(Optional) Negate a command or set its defaults
shutdown	Enable/disable an interface
force	(Optional) Enable/disable an interface

Command Mode

- /exec/configure/if-cpp /exec/configure/if-fv /exec/configure/if-fa /exec/configure/if-svc
/exec/configure/if-fc-tunnel /exec/configure/if-sme /exec/configure/if-ioa /exec/configure/if-overlay
/exec/configure/if-te

shutdown

[no] shutdown

Syntax Description

no	(Optional) Negate a command or set its defaults
shutdown	Enable/disable an interface

Command Mode

- /exec/configure/if-gig-ether /exec/configure/if-fc /exec/configure/if-bay /exec/configure/if-ext /exec/configure/if-vsana /exec/configure/if-iscsi /exec/configure/if-fcip /exec/configure/if-sme /exec/configure/if-ioa /exec/configure/if-san-port-channel

shutdown

[no] shutdown

Syntax Description

no	(Optional) Negate a command or set its defaults
shutdown	Enable/disable an interface

Command Mode

- /exec/configure/if-vfc /exec/configure/if-vfc-port-channel

shutdown

[no] shutdown

Syntax Description

no	(Optional) Negate a command or set its defaults
shutdown	Shutdown the OSPF protocol instance

Command Mode

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

shutdown

[no] shutdown

Syntax Description

no	(Optional) Negate a command or set its defaults
shutdown	Disable MPLS forwarding for IP

Command Mode

- /exec/configure/ldp

shutdown

[no] shutdown

Syntax Description

no	(Optional) Negate a command or set its defaults
shutdown	Shut down VRRPv3

Command Mode

- /exec/configure/vrrpv3

shutdown

[no] shutdown

Syntax Description

no	(Optional) Negate a command or set its defaults
shutdown	Shut down the group

Command Mode

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

shutdown

[no] shutdown

Syntax Description

no	(Optional) Negate a command or set its defaults
shutdown	Shut down the pathway

Command Mode

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

shutdown

[no] shutdown

Syntax Description

no	(Optional) Negate a command or set its defaults
shutdown	

Command Mode

- /exec/configure/smartc /exec/configure/smartc

shutdown

[no] shutdown

Syntax Description

no	(Optional) Negate a command or set its defaults
shutdown	Shutdown current VRF

Command Mode

- /exec/configure/vrf

shutdown

[no] shutdown

Syntax Description

no	(Optional) Negate a command or set its defaults
shutdown	Administratively shutdown BGP protocol

Command Mode

- /exec/configure/router-bgp

shutdown

[no] shutdown

Syntax Description

no	(Optional) Negate a command or set its defaults
shutdown	Administratively shutdown this BMP server

Command Mode

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

shutdown

[no | default] shutdown

Syntax Description

no	(Optional) Negate a command or set its defaults
default	(Optional) Inherit values from a peer template
shutdown	Administratively shutdown this neighbor

Command Mode

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

shutdown

shutdown | no shutdown

Syntax Description

no	Negate a command or set its defaults
shutdown	suspend vPC locally

Command Mode

- /exec/configure/vpc-domain

shutdown

[no] shutdown

Syntax Description

no	(Optional) Negate a command or set its defaults
shutdown	Shutdown PLB service

Command Mode

- /exec/configure/plb /exec/configure/plb-inout

shutdown

[no] shutdown

Syntax Description

no	(Optional) Negate a command or set its defaults
shutdown	Shutdown MPLS Traffic Engineering

Command Mode

- /exec/configure/te

shutdown

[no] shutdown

Syntax Description

no	(Optional) Negate a command or set its defaults
shutdown	Disable current explicit-path

Command Mode

- /exec/configure/te/expl-path

shutdown

[no] shutdown

Syntax Description

no	(Optional) Negate a command or set its defaults
shutdown	Shutdown the CBTS member LSP

Command Mode

- /exec/configure/tunnel-te/cbts-member

shutdown force

[no] shutdown force

Syntax Description

no	(Optional) Negate a command or set its defaults
shutdown	Enable/disable an interface
force	Enable/disable an interface

Command Mode

- /exec/configure/if-mgmt-ether

shutdown lan

[no] shutdown lan

Syntax Description

no	Negate a command or set its defaults
shutdown	Enable/disable an interface
lan	Shut all LAN VLANs on interface

Command Mode

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

shutdown lan

shutdown lan

Syntax Description

shutdown	Enable/disable an interface
lan	Shut all LAN VLANs on interface

Command Mode

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

signalling advertise explicit-null

[no] signalling advertise explicit-null | signalling advertise explicit-null [<acl>]

Syntax Description

no	Negate a command or set its defaults
signalling	Traffic Engineering Signalling Parameters
advertise	Signalling advertisement parameters
explicit-null	Advertise explicit-null label in signalling messages
acl	(Optional) Access list

Command Mode

- /exec/configure/te

signalling hello graceful-restart

[no] signalling hello graceful-restart

Syntax Description

signalling	Configure RSVP Signalling information
hello	RSVP Hello configuration commands
graceful-restart	RSVP Graceful restart commands

Command Mode

- /exec/configure/ip-rsvp

signalling hello graceful-restart refresh interval

[no] signalling hello graceful-restart refresh interval <value>

Syntax Description

signalling	Configure RSVP Signalling information
hello	RSVP Hello configuration commands
graceful-restart	RSVP Graceful restart commands
refresh	Configure RSVP Hello refresh behavior for Graceful Restart
interval	Time between sending Hello Requests for Graceful Restart
value	Hello interval in msec

Command Mode

- /exec/configure/ip-rsvp

signalling hello graceful-restart refresh misses

[no] signalling hello graceful-restart refresh misses <value>

Syntax Description

signalling	Configure RSVP Signalling information
hello	RSVP Hello configuration commands
graceful-restart	RSVP Graceful restart commands
refresh	Configure RSVP Hello refresh behavior for Graceful Restart
misses	Number of Hello misses for Graceful Restart
value	Number of missed Hello Acks which triggers neighbor down

Command Mode

- /exec/configure/ip-rsvp

signalling hello graceful-restart send recovery-time

[no] signalling hello graceful-restart send recovery-time <value>

Syntax Description

signalling	Configure RSVP Signalling information
hello	RSVP Hello configuration commands
graceful-restart	RSVP Graceful restart commands
send	Configure the restart-time in outgoing Hello msgs
recovery-time	Configure the recovery-time in outgoing GR Hello msgs
value	recovery-time in msec

Command Mode

- /exec/configure/ip-rsvp

signalling hello graceful-restart send restart-time

[no] signalling hello graceful-restart send restart-time <value>

Syntax Description

signalling	Configure RSVP Signalling information
hello	RSVP Hello configuration commands
graceful-restart	RSVP Graceful restart commands
send	Configure the restart-time in outgoing Hello msgs
restart-time	Configure the restart-time in outgoing GR Hello msgs
value	restart-time in msec

Command Mode

- /exec/configure/ip-rsvp

signalling hello reroute

[no] signalling hello reroute

Syntax Description

signalling	Configure RSVP Signalling information
hello	RSVP Hello configuration commands
reroute	RSVP Reroute commands

Command Mode

- /exec/configure/ip-rsvp

signalling initial-retransmit-delay

[no] signalling initial-retransmit-delay <msec>

Syntax Description

signalling	Configure RSVP Signalling information
initial-retransmit-delay	RSVP Initial retransmit delay
msec	Initial retransmit delay in millisec

Command Mode

- /exec/configure/ip-rsvp

signalling patherr state-removal

[no] signalling patherr state-removal

Syntax Description

signalling	Configure RSVP Signalling information
patherr	Configure Path-Error processing
state-removal	Setup automatic removal of path-state

Command Mode

- /exec/configure/ip-rsvp

signalling rate-limit

```
[no] signalling rate-limit { [ interval <msec> ] [ limit <messages> ] } | { [ limit <messages> ] [ interval <msec> ] }
```

Syntax Description

signalling	Configure RSVP Signalling information
rate-limit	Configure rate-limiting
interval	(Optional) Configure scheduling interval
msec	(Optional) Interval in millisecc
limit	(Optional) Configure message limit per scheduling interval
messages	(Optional) Message limit value

Command Mode

- /exec/configure/ip-rsvp

signalling refresh interval

[no] signalling refresh interval <seconds>

Syntax Description

signalling	Configure RSVP Signalling information
refresh	Configure RSVP signaling refresh parameters
interval	Set signaling refresh interval
seconds	Signaling refresh interval in seconds

Command Mode

- /exec/configure/ip-rsvp

signalling refresh misses

[no] signalling refresh misses <value>

Syntax Description

signalling	Configure RSVP Signalling information
refresh	Configure RSVP signaling refresh parameters
misses	Set refresh misses tolerated before expiring a state
value	Refresh miss value

Command Mode

- /exec/configure/ip-rsvp

signalling refresh reduction

[no] signalling refresh reduction

Syntax Description

signalling	Configure RSVP Signalling information
refresh	Configure RSVP signaling refresh parameters
reduction	Enable, disable or set refresh reduction parameters

Command Mode

- /exec/configure/ip-rsvp

signalling refresh reduction ack-delay

[no] signalling refresh reduction ack-delay <msec>

Syntax Description

signalling	Configure RSVP Signalling information
refresh	Configure RSVP signaling refresh parameters
reduction	Enable, disable or set refresh reduction parameters
ack-delay	Set delay for sending ACK messages
msec	ACK delay value in millisecc

Command Mode

- /exec/configure/ip-rsvp

signalling refresh reduction bundle-max-size

[no] signalling refresh reduction bundle-max-size <value>

Syntax Description

signalling	Configure RSVP Signalling information
refresh	Configure RSVP signaling refresh parameters
reduction	Enable, disable or set refresh reduction parameters
bundle-max-size	Set bundle-maximum-size
value	Bundle size in bytes, use zero to disable bundling

Command Mode

- /exec/configure/ip-rsvp

signing level

{ [no] signing level { none | cisco | unsigned } | no signing level }

Syntax Description

no	(Optional) Negate a command or set its defaults
signing	Virtual service package signing settings
level	Package signing level allowed for virtual service installation
none	Most restrictive, don't allow package installation
cisco	Allow only Cisco signed packages
unsigned	Least restrictive, allow unsigned and all signing methods

Command Mode

- /exec/configure/virt-serv-global

site-id

{ site-id <s0> | no site-id }

Syntax Description

no	Negate a command or set its defaults
site-id	site id of the network where switch is deployed
s0	Provide site id

Command Mode

- /exec/configure/callhome

site-of-origin

```
{ site-of-origin { <ext-comm-soo-aa2nn4> | <ext-comm-soo-aa4nn2> } } | { no site-of-origin [ {  
<ext-comm-soo-aa2nn4> | <ext-comm-soo-aa4nn2> } ] }
```

Syntax Description

no	Negate a command or set its defaults
site-of-origin	Site of Origin
ext-comm-soo-aa2nn4	Extcommunity number
ext-comm-soo-aa4nn2	Extcommunity number

Command Mode

- /exec/configure/if-igp /exec/configure/if-mgmt-ether

slave ipv4

[no] slave ipv4 <ip>

Syntax Description

no	(Optional) Negate a command or set its defaults
slave	slave
ipv4	ipv4
ip	IPv4 address (A.B.C.D) of slave

Command Mode

- /exec/configure/ptp-ucast-master

sleep

sleep <i0>

Syntax Description

sleep	Sleep for the specified number of seconds
i0	Enter the number of seconds to sleep

Command Mode

- /exec

sleep instance

[no] sleep instance <inst> [<i0>] | sleep instance <inst> <i0>

Syntax Description

no	Negate a command or set its defaults
sleep	Sleep for the specified number of seconds
instance	Label with an instance number
inst	Instance number
i0	(Optional) Enter the number of seconds to sleep

Command Mode

- /exec/configure

slot

```
slot <module> { quoted <quoted-cmd> | <cmd> }
```

Syntax Description

slot	run commands on specific linecard (or set slot for commands that take optional slot number)
module	the slot number (aka module number)
quoted	enter the command with quotes -> pipe redirection and semi-colon are local
quoted-cmd	the command(s) to run on lc separated by <space> <semi-colon> <space>
cmd	the command(s) to run on lc separated by <space> <semi-colon> <space>

Command Mode

- /exec

slot

slot <module>

Syntax Description

slot	Configure a slot
module	the slot number (aka module number)

Command Mode

- /exec/configure

smart-channel

```
{ smart-channel <service-name> } | { no smart-channel <service-name> }
```

Syntax Description

no	Negate a command or set its defaults
smart-channel	L2 service
service-name	L2 service-name

Command Mode

- /exec/configure

smart-channel port-group

{ smart-channel port-group <svc-name> } | { no smart-channel port-group <svc-name> }

Syntax Description

no	Negate a command or set its defaults
smart-channel	service
port-group	port group
svc-name	service-name

Command Mode

- /exec/configure

smtp-host smtp-port reply-to from

```
{ smtp-host { <ipv4> | <ipv6> | <host> } [ smtp-port <port> ] | smtp-port <port> | reply-to <reply> | from <from> |
```

Syntax Description

}	
smtp-host	SMTP server host
ipv4	IPV4 address
host	DNS name
smtp-port	(Optional) SMTP server port
port	(Optional) Port for SMTP server
reply-to	Reply to email address
reply	Provide reply-to email address
from	From email address
from	Provide from email address

Command Mode

- /exec/configure/email

snapshot create

snapshot create <snapshot-name> <snapshot-description>

Syntax Description

snapshot	Create/Delete a snapshot
create	Create a snapshot of running state of selected features
snapshot-name	Name of a snapshot
snapshot-description	Description of a snapshot

Command Mode

- /exec

snapshot delete

snapshot delete <snapshot-name>

Syntax Description

snapshot	Create/Delete a snapshot
delete	Delete a single snapshot or all snapshots
snapshot-name	Name of a snapshot

Command Mode

- /exec

snapshot delete ALL

snapshot delete ALL

Syntax Description

snapshot	Create/Delete a snapshot
delete	Delete a single snapshot or all snapshots
ALL	Delete all snapshots present on the switch

Command Mode

- /exec

snapshot section add

snapshot section add <name> <command> <row-id> <key1> [<key2>]

Syntax Description

snapshot	Create/Delete a snapshot
section	Add/Delete a snapshot section
add	Add a snapshot section
name	Name of a section
command	show' command to generate XML output
row-id	tag of each row entry of the 'show' XML output
key1	first key to distinguish among row entries with
key2	(Optional) second key to distinguish among row entries with

Command Mode

- /exec

snapshot section delete

snapshot section delete <name>

Syntax Description

snapshot	Create/Delete a snapshot
section	Add/Delete a snapshot section
delete	Delete a snapshot section
name	Name of a section

Command Mode

- /exec

snmp-server aaa-user cache-timeout

[no] snmp-server aaa-user cache-timeout <timeout>

Syntax Description

no	(Optional) Negate a command or set its defaults
snmp-server	Configure snmp server
aaa-user	set duration for which aaa-cached snmp user exists
cache-timeout	timeout for AAA cache
timeout	timeout for which aaa-cached user exists(in secs)

Command Mode

- /exec/configure

snmp-server community

```
{ no snmp-server community <community_name> { use-ipv4acl [ <ipv4_acl_name> ] use-ipv6acl [ <ipv6_acl_name> ] | use-ipv4acl [ <ipv4_acl_name> ] | use-ipv6acl [ <ipv6_acl_name> ] } | snmp-server community <community_name> { use-ipv4acl <ipv4_acl_name> use-ipv6acl <ipv6_acl_name> | use-ipv4acl <ipv4_acl_name> | use-ipv6acl <ipv6_acl_name> } }
```

Syntax Description

no	Negate a command or set its defaults
snmp-server	Configure snmp server
community	set community string and access privs
community_name	SNMP community string
use-ipv4acl	Specify IPv4 ACL, the ACL name specified after must be IPv4 ACL.
ipv4_acl_name	(Optional) IPv4 ACL name to filter snmp requests
use-ipv6acl	Specify IPv6 ACL, the ACL name specified after must be IPv6 ACL.
ipv6_acl_name	(Optional) IPv6 ACL name to filter snmp requests

Command Mode

- /exec/configure

snmp-server community

[no] snmp-server community <s0> [{ group <s1> | ro | rw }]

Syntax Description

no	(Optional) Negate a command or set its defaults
snmp-server	Configure snmp server
community	set community string and access privs
s0	SNMP community string
group	(Optional) Group to which the community belongs
s1	(Optional) Group to which the community belongs
ro	(Optional) Read-only access with this community string
rw	(Optional) Read-write access with this community string

Command Mode

- /exec/configure

snmp-server contact

[no] snmp-server contact [<line>]

Syntax Description

no	(Optional) Negate a command or set its defaults
snmp-server	Configure snmp server
contact	modify sysContact
line	(Optional) modify sysContact

Command Mode

- /exec/configure

snmp-server context

```
[no] snmp-server context <context_name> [ instance <instance-name> ] [ vrf { <vrf-name> | <vrf-known-name> } ] [ topology <topology-name> ]
```

Syntax Description

no	(Optional) Negate a command or set its defaults
snmp-server	Configure snmp server
context	SNMP context to be mapped
context_name	name of the SNMP context
instance	(Optional) Protocol instance associated with the SNMP context
instance-name	(Optional) Name of the protocol instance
vrf	(Optional) VRF associated with the SNMP context
vrf-name	(Optional) VRF name
vrf-known-name	(Optional) Known VRF name
topology	(Optional) Topology associated with the SNMP context
topology-name	(Optional) name of the Topology

Command Mode

- /exec/configure

snmp-server counter cache enable

[no] snmp-server counter cache enable

Syntax Description

no	(Optional) Negate a command or set its defaults
snmp-server	Configure snmp server
counter	Configure port counter configuration
cache	port stats cache
enable	enable port stats cache

Command Mode

- /exec/configure

snmp-server counter cache timeout

[no] snmp-server counter cache timeout <timeout>

Syntax Description

no	(Optional) Negate a command or set its defaults
snmp-server	Configure snmp server
counter	Configure port counter configuration
cache	Port stats cache
timeout	Timeout for port stats cache
timeout	Timeout for which cached port stats exists(in secs)

Command Mode

- /exec/configure

snmp-server enable traps

[no] snmp-server enable traps [<trap_arg> [<trap_sub_category> +]]

Syntax Description

no	(Optional) Negate a command or set its defaults
snmp-server	Configure snmp server
enable	Enable SNMP Traps
traps	Enable SNMP traps
trap_arg	(Optional) Enable __left__ traps
trap_sub_category	(Optional) Enter the trap

Command Mode

- /exec/configure

snmp-server enable traps bgp

[no] snmp-server enable traps bgp [{ state-changes [<subsystem> +] }]

Syntax Description

no	(Optional) Negate a command or set its defaults
snmp-server	Configure snmp server
enable	Enable SNMP Traps
traps	Enable SNMP traps
bgp	Enable SNMP BGP traps
state-changes	(Optional) Traps for FSM state changes
subsystem	(Optional) subsystem within BGP for SNMP traps

Command Mode

- /exec/configure

snmp-server enable traps bgp cbgp2

[no] snmp-server enable traps bgp cbgp2 [{ state-changes [<subsystem> +] }]

Syntax Description

no	(Optional) Negate a command or set its defaults
snmp-server	Configure snmp server
enable	Enable SNMP Traps
traps	Enable SNMP traps
bgp	Enable SNMP BGP traps
cbgp2	Enable SNMP CISCO-BGP-MIBv2 traps
state-changes	(Optional) Traps for FSM state changes
subsystem	(Optional) subsystem within BGP for SNMP traps

Command Mode

- /exec/configure

snmp-server enable traps bgp cbgp2 threshold prefix

[no] snmp-server enable traps bgp cbgp2 threshold prefix

Syntax Description

no	(Optional) Negate a command or set its defaults
snmp-server	Configure snmp server
enable	Enable SNMP Traps
traps	Enable SNMP traps
bgp	Enable SNMP BGP traps
cbgp2	Enable SNMP CISCO-BGP-MIBv2 traps
threshold	Traps for threshold events
prefix	CISCO specific trap for prefix threshold events

Command Mode

- /exec/configure

snmp-server enable traps bgp threshold prefix

[no] snmp-server enable traps bgp threshold prefix

Syntax Description

no	(Optional) Negate a command or set its defaults
snmp-server	Configure snmp server
enable	Enable SNMP Traps
traps	Enable SNMP traps
bgp	Enable SNMP BGP traps
threshold	Traps for threshold events
prefix	CISCO specific trap for prefix threshold events

Command Mode

- /exec/configure

snmp-server enable traps eigrp

[no] snmp-server enable traps eigrp [<eigrp-ptag>]

Syntax Description

no	(Optional) Negate a command or set its defaults
snmp-server	Configure snmp server
enable	Enable SNMP Traps
traps	Enable SNMP traps
eigrp	Enable SNMP EIGRP traps
eigrp-ptag	(Optional) Process tag

Command Mode

- /exec/configure

snmp-server enable traps ospf

[no] snmp-server enable traps ospf [<tag>]

Syntax Description

no	(Optional) Negate a command or set its defaults
snmp-server	Configure snmp server
enable	Enable SNMP Traps
traps	Enable SNMP traps
ospf	Enable SNMP OSPF traps
tag	(Optional) Process tag

Command Mode

- /exec/configure

snmp-server enable traps ospf lsa

[no] snmp-server enable traps ospf [<tag>] lsa

Syntax Description

no	(Optional) Negate a command or set its defaults
snmp-server	Configure snmp server
enable	Enable SNMP Traps
traps	Enable SNMP traps
ospf	Enable SNMP OSPF traps
tag	(Optional) Process tag
lsa	Allow sending LSA traps

Command Mode

- /exec/configure

snmp-server enable traps ospf rate-limit

```
{ { no snmp-server enable traps ospf [ <tag> ] rate-limit [ <window> <rate> ] } | { snmp-server enable traps ospf [ <tag> ] rate-limit <window> <rate> } }
```

Syntax Description

no	Negate a command or set its defaults
snmp-server	Configure snmp server
enable	Enable SNMP Traps
traps	Enable SNMP traps
ospf	Enable SNMP OSPF traps
tag	(Optional) Process tag
rate-limit	Trap rate limit values
window	(Optional) Rate limit window size in seconds
rate	(Optional) Max number of traps sent in window time
tag	(Optional)

Command Mode

- /exec/configure

snmp-server enable traps ospfv3

[no] snmp-server enable traps ospfv3 [<tag>]

Syntax Description

no	(Optional) Negate a command or set its defaults
snmp-server	Configure snmp server
enable	Enable SNMP Traps
traps	Enable SNMP traps
ospfv3	Enable SNMP OSPFv3 traps
tag	(Optional) Process tag

Command Mode

- /exec/configure

snmp-server enable traps ospfv3 lsa

[no] snmp-server enable traps ospfv3 lsa

Syntax Description

no	(Optional) Negate a command or set its defaults
snmp-server	Configure snmp server
enable	Enable SNMP Traps
traps	Enable SNMP traps
ospfv3	Enable SNMP OSPFv3 traps
lsa	Enable SNMP OSPFv3 LSA traps

Command Mode

- /exec/configure

snmp-server enable traps ospfv3 lsa

[no] snmp-server enable traps ospfv3 <tag> lsa

Syntax Description

no	(Optional) Negate a command or set its defaults
snmp-server	Configure snmp server
enable	Enable SNMP Traps
traps	Enable SNMP traps
ospfv3	Enable SNMP OSPFv3 traps
tag	Process tag
lsa	Enable SNMP OSPFv3 LSA traps

Command Mode

- /exec/configure

snmp-server enable traps ospfv3 rate-limit

```
{ { no snmp-server enable traps ospfv3 [ <tag> ] rate-limit } | { snmp-server enable traps ospfv3 [ <tag> ]
rate-limit <swindow> <rate> } }
```

Syntax Description

no	Negate a command or set its defaults
snmp-server	Configure snmp server
enable	Enable SNMP Traps
traps	Enable SNMP traps
ospfv3	Enable SNMP OSPFv3 traps
tag	(Optional) Process tag
rate-limit	Trap rate limit values
swindow	Rate limit window size in seconds
rate	Max number of traps sent in window time
tag	(Optional)

Command Mode

- /exec/configure

snmp-server enable traps storm-control trap-rate

[no] snmp-server enable traps storm-control trap-rate <rate-per-minute>

Syntax Description

no	(Optional) Negate a command or set its defaults
snmp-server	Configure snmp server
enable	Enable SNMP Traps
traps	Enable SNMP traps
storm-control	Enable storm-control traps
trap-rate	Number of traps per minute
rate-per-minute	per Minute (0 means no upper rate)

Command Mode

- /exec/configure

snmp-server engineID local

snmp-server engineID local <engineID> | no snmp-server engineID local [<engineID>]

Syntax Description

no	Negate a command or set its defaults
snmp-server	Configure snmp server
engineID	Configure a local SNMPv3 engineID
local	engineID of the local agent
engineID	engine ID should be an even number of hexadecimal characters, which ranges from 10 to 64 where every two hexadecimal characters should be separated by colon. Including colons-

Command Mode

- /exec/configure

snmp-server globalEnforcePriv

[no] snmp-server globalEnforcePriv

Syntax Description

no	(Optional) Negate a command or set its defaults
snmp-server	Configure snmp server
globalEnforcePriv	globally enforce privacy for all the users

Command Mode

- /exec/configure

snmp-server host filter-vrf

[no] snmp-server host <host0> filter-vrf { <vrf-name> | <vrf-known-name> } [udp-port <i1>]

Syntax Description

no	(Optional) Negate a command or set its defaults
snmp-server	Configure snmp server
host	Specify hosts to receive SNMP notifications
host0	IPv4 or IPv6 address or DNS Name of SNMP notification host
filter-vrf	Filters notifications to the notification host receiver based on the configured VRF
vrf-name	VRF name
vrf-known-name	Known VRF name
udp-port	(Optional) The notification host's UDP port number
i1	(Optional) The notification host's UDP port number

Command Mode

- /exec/configure

snmp-server host source

```
[no] snmp-server host <host0> { source-interface <ifName> } [ udp-port <i1> ]
```

Syntax Description

no	(Optional) Negate a command or set its defaults
snmp-server	Configure snmp server
host	Specify hosts to send SNMP notifications
host0	IPv4 or IPv6 address or DNS Name of SNMP notification host
source-interface	Source interface to be used for sending out SNMP notifications to this host
ifName	Source interface name
udp-port	(Optional) The notification host's UDP port number
i1	(Optional) The notification host's UDP port number

Command Mode

- /exec/configure

snmp-server host use-vrf

[no] snmp-server host <host0> use-vrf { <vrf-name> | <vrf-known-name> } [udp-port <i1>]

Syntax Description

no	(Optional) Negate a command or set its defaults
snmp-server	Configure snmp server
host	Specify hosts to receive SNMP notifications
host0	IPv4 or IPv6 address or DNS Name of SNMP notification host
use-vrf	Configures SNMP to use the selected VRF to communicate with the host receiver
vrf-name	VRF name
vrf-known-name	Known VRF name
udp-port	(Optional) The notification host's UDP port number
i1	(Optional) The notification host's UDP port number

Command Mode

- /exec/configure

snmp-server location

[no] snmp-server location [<line>]

Syntax Description

no	(Optional) Negate a command or set its defaults
snmp-server	Configure snmp server
location	modify sysLocation
line	(Optional) modify sysLocation

Command Mode

- /exec/configure

snmp-server mib community-map context

[no] snmp-server mib community-map <community_name> context <context_name>

Syntax Description

no	(Optional) Negate a command or set its defaults
snmp-server	Configure snmp server
mib	mib access parameters
community-map	SNMP community
community_name	SNMP community string
context	SNMP context to be mapped
context_name	name of the SNMP context

Command Mode

- /exec/configure

snmp-server protocol enable

[no] snmp-server protocol enable

Syntax Description

no	(Optional) Negate a command or set its defaults
snmp-server	Configure snmp server
protocol	snmp protocol operations
enable	Enable/Disable snmp protocol operations

Command Mode

- /exec/configure

snmp-server source-interface informs

[no] snmp-server source-interface { informs } <ifName>

Syntax Description

no	(Optional) Negate a command or set its defaults
snmp-server	Configure snmp server
source-interface	Source interface to be used for sending out SNMP notifications
ifName	Source interface name
informs	SNMP Inform notifications for which this source interface needs to be used

Command Mode

- /exec/configure

snmp-server source-interface traps

[no] snmp-server source-interface { traps } <ifName>

Syntax Description

no	(Optional) Negate a command or set its defaults
snmp-server	Configure snmp server
source-interface	Source interface to be used for sending out SNMP notifications
ifName	Source interface name
traps	SNMP Trap notifications for which this source interface needs to be used

Command Mode

- /exec/configure

snmp-server system-shutdown

[no] snmp-server system-shutdown

Syntax Description

no	(Optional) Negate a command or set its defaults
snmp-server	Configure snmp server
system-shutdown	Configure snmp-server for reload(2)

Command Mode

- /exec/configure

snmp-server tcp-session

[no] snmp-server tcp-session [auth]

Syntax Description

no	(Optional) Negate a command or set its defaults
snmp-server	Configure snmp server
tcp-session	Enable one time authentication for snmp over tcp session.
auth	(Optional) Enable one time authentication for snmp over tcp session.

Command Mode

- /exec/configure

snmp-server user

```
[no] snmp-server user <s0> { enforcePriv | { [ <s1> ] { [ auth { md5 | sha } <s2> { { priv [ aes-128 ] } { <s3>
[ localizedkey ] [ { auto | engineID <s4> } ] } } | { [ localizedkey1 ] [ { auto1 | engineID1 <s5> } ] } } } }
}
```

Syntax Description

no	(Optional) Negate a command or set its defaults
snmp-server	Configure snmp server
user	Define a user who can access the SNMP engine
s0	Name of the user
enforcePriv	Enforce privacy for the user
s1	(Optional) Group name (ignored for notif target user)
auth	(Optional) authentication parameters for the user
md5	(Optional) Use HMAC MD5 algorithm for authentication
sha	(Optional) Use HMAC SHA algorithm for authentication
s2	(Optional) authentication password for user
priv	(Optional) encryption parameters for the user
aes-128	(Optional) Use 128-bit AES algorithm for privacy
s3	(Optional) privacy password for user
localizedkey	(Optional) specifies whether the passwords are in localized key format
auto	THIS KEYWORD OR VARIABLE IS NOT SUPPORTED
engineID	(Optional) engineID for configuring notif target user (for V3 informs)
s4	(Optional) Specifies notification target's SNMP engineID. Should be an octet of either Decimal (range: 0 to 255) or Hexadecimal (range: 0 to FF) value, each octet being separated by colon. Hexadecimal value should have prefix of 0x or 0X. Including colons-
localizedkey1	(Optional) specifies whether the passwords are in localized key format
auto1	THIS KEYWORD OR VARIABLE IS NOT SUPPORTED
engineID1	(Optional) engineID for configuring notif target user (for V3 informs)
s5	(Optional) Specifies notification target's SNMP engineID. Should be an octet of either Decimal (range: 0 to 255) or Hexadecimal (range: 0 to FF) value, each octet being separated by colon. Hexadecimal value should have prefix of 0x or 0X. Including colons-

Command Mode

- /exec/configure

snmp-server user

```
{ no snmp-server user <user_name> { use-ipv4acl [ <ipv4_acl_name> ] use-ipv6acl [ <ipv6_acl_name> ] |
use-ipv4acl [ <ipv4_acl_name> ] | use-ipv6acl [ <ipv6_acl_name> ] } | snmp-server user <user_name> {
use-ipv4acl <ipv4_acl_name> use-ipv6acl <ipv6_acl_name> | use-ipv4acl <ipv4_acl_name> | use-ipv6acl
<ipv6_acl_name> } }
```

Syntax Description

no	Negate a command or set its defaults
snmp-server	Configure snmp server
user	Define a user who can access the SNMP engine
user_name	Name of the user
use-ipv4acl	Specify IPv4 ACL, the ACL name specified after must be IPv4 ACL.
ipv4_acl_name	(Optional) IPv4 ACL name to filter snmp requests
use-ipv6acl	Specify IPv6 ACL, the ACL name specified after must be IPv6 ACL.
ipv6_acl_name	(Optional) IPv6 ACL name to filter snmp requests

Command Mode

- /exec/configure

snmp ifmib ifalias long

[no] snmp ifmib ifalias long

Syntax Description

no	(Optional) Negate a command or set its defaults
snmp	Configure snmp
ifmib	Configure snmp interface mib feature
ifalias	Configure snmp interface alias attribute for interface mib
long	Enable long description up to 256 characters for interface alias

Command Mode

- /exec/configure

snmp trap link-status

[no] snmp trap link-status

Syntax Description

no	Negate a command or set its defaults
snmp	Modify SNMP interface parameters
trap	Allow a specific SNMP trap
link-status	Allow SNMP LINKUP and LINKDOWN traps

Command Mode

- /exec/configure/if-ethernet-all /exec/configure/if-eth-base /exec/configure/if-port-channel /exec/configure/if-port-channel-range

snmp trap link-status

snmp trap link-status | no snmp trap link-status

Syntax Description

no	Negate a command
snmp	Modify SNMP interface parameters
trap	Allow a specific SNMP trap
link-status	Allow SNMP LINKUP and LINKDOWN traps

Command Mode

- /exec/configure/if-any-tunnel

snmp trap link-status

snmp trap link-status | no snmp trap link-status

Syntax Description

no	Negate a command or set its defaults
snmp	Modify SNMP interface parameters
trap	Allow a specific SNMP trap
link-status	Allow SNMP LINKUP and LINKDOWN traps

Command Mode

- /exec/configure/if-vlan-common

snmp trap link-status

snmp trap link-status | no snmp trap link-status

Syntax Description

no	Negate a command or set its defaults
snmp	Modify SNMP interface parameters
trap	Allow a specific SNMP trap
link-status	Allow SNMP LINKUP and LINKDOWN traps

Command Mode

- /exec/configure/if-ether-sub /exec/configure/if-port-channel-sub /exec/configure/if-gig-ether-sub /exec/configure/if-remote-ethernet-sub /exec/configure/if-ether-sub-p2p

snmp trap link-status

snmp trap link-status

Syntax Description

snmp	Modify SNMP interface parameters
trap	Allow a specific SNMP trap
link-status	Allow SNMP LINKUP and LINKDOWN traps

Command Mode

- /exec/configure/if-ethernet-all /exec/configure/if-eth-base /exec/configure/if-port-channel /exec/configure/if-port-channel-range

snmp trap link-status

snmp trap link-status | no snmp trap link-status

Syntax Description

no	Negate a command or set its defaults
snmp	Modify SNMP interface parameters
trap	Allow a specific SNMP trap
link-status	Allow SNMP LINKUP and LINKDOWN traps

Command Mode

- /exec/configure/if-mgmt-ether

snsr-grp sample-interval

snsr-grp <sn-grp-id> sample-interval <cadence> | no snsr-grp <sn-grp-id>

Syntax Description

no	Negate a command or set its defaults
snsr-grp	Associated sensor group
sample-interval	Cadence Time in milliseconds(0 for events)
sn-grp-id	Identifier
cadence	Cadence Time in milliseconds

Command Mode

- /exec/configure/telemetry/subscription

sockets local-port-range

{ { no sockets local-port-range } | { sockets local-port-range <start-port> <end-port> } }

Syntax Description

no	Negate a command or set its defaults
sockets	Negate a command or set its defaults
local-port-range	Define local port range for Kstack. Note: This CLI requires switch to be reloaded
start-port	Start port of local port range
end-port	End port of local port range

Command Mode

- /exec/configure /exec/configure/config-mgmt

soft-reconfiguration inbound

{ soft-reconfiguration inbound [always] } | { no soft-reconfiguration inbound } | { default soft-reconfiguration inbound }

Syntax Description

no	Negate a command or set its defaults
default	Inherit values from a peer template
soft-reconfiguration	Soft reconfiguration
inbound	Allow inbound soft reconfiguration
always	(Optional) Always perform inbound soft reconfiguration

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

soft-reconfiguration inbound

{ soft-reconfiguration inbound [always] } | { no soft-reconfiguration inbound } | { default soft-reconfiguration inbound }

Syntax Description

no	Negate a command or set its defaults
default	Inherit values from a peer template
soft-reconfiguration	Soft reconfiguration
inbound	Allow inbound soft reconfiguration
always	(Optional) Always perform inbound soft reconfiguration

Command Mode

- /exec/configure/router-bgp/router-bgp-neighbor/router-bgp-neighbor-af-ipv4-mdt

soo auto

```
{ [ no ] soo { auto | <ext-comm-soo-aa2nn4> | <ext-comm-soo-aa4nn2> } } | { default soo }
```

Syntax Description

no	(Optional) Negate a command or set its defaults
default	Inherit values from a peer template
soo	Specify Site-of-origin extcommunity
auto	Generate SOO automatically
ext-comm-soo-aa4nn2	VPN extcommunity in aa4:nn or ip:nn format
ext-comm-soo-aa2nn4	VPN extcommunity in aa:nn format

Command Mode

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

sort

```
| sort [ -b | -d | -f | -g | -i | -M | -n | -r | -k <key> | -t <delim> | -u ] +
```

Syntax Description

	Pipe command output to filter
sort	Stream Sorter
-b	(Optional) ignore leading blanks
-d	(Optional) consider only blanks and alphanumeric characters
-f	(Optional) fold lower case to upper case characters
-g	(Optional) compare according to general numerical value
-i	(Optional) consider only printable characters
-M	(Optional) month sort
-n	(Optional) compare according to string numerical value
-r	(Optional) reverse the result of comparisons
-k	(Optional) provide a key
-t	(Optional) use different separator instead of non-blank to blank transition
-u	(Optional) remove duplicate lines
key	(Optional) key in format POS1[,POS2] with POS = <field-nb>[.<char-pos>][<ordering>]
delim	(Optional) field delimiter char

Command Mode

- /output

source-address ipv4

[no] source-address ipv4 [<ip-address>]

Syntax Description

no	(Optional) Negate a command or set its defaults
source-address	Configure the source address to be used for PCE connection
ipv4	Configure v4 source address for PCC
ip-address	(Optional) Source address

Command Mode

- /exec/configure/sr/te/pcc

source-interface

[no] source-interface <interface>

Syntax Description

no	(Optional) Negate a command or set its defaults
source-interface	Configure source interface to reach http server
interface	Interface

Command Mode

- /exec/configure/trustpool

source-interface

[no] source-interface <interface>

Syntax Description

no	(Optional) Negate a command or set its defaults
source-interface	NVE source interface associated with the module
interface	

Command Mode

- /exec/configure/nve-encap

source-interface

source-interface <interface> [anycast <anycast-intf>] | no source-interface

Syntax Description

no	Negate a command or set its defaults
source-interface	NVE Source-Interface
interface	
anycast	(Optional) Specify Anycast loopback interface
anycast-intf	(Optional)

Command Mode

- /exec/configure/if-nve

source-interface

source-interface <interface> | no source-interface

Syntax Description

no	Negate a command or set its defaults
source-interface	Source interface
interface	Interface name

Command Mode

- /exec/configure/telemetry/destination-profile

source-interface

[no] source-interface <interface>

Syntax Description

no	(Optional) Negate a command or set its defaults
source-interface	PLB probe Source-Interface
interface	source interface for probe

Command Mode

- /exec/configure/itd

source-interface

[no] source-interface | source-interface <interface>

Syntax Description

no	Negate a command or set its defaults
source-interface	Source interface to be used to reach radius server
interface	Interface (default is mgmt)

Command Mode

- /exec/configure/radius

source-interface

[no] source-interface | source-interface <interface>

Syntax Description

no	Negate a command or set its defaults
source-interface	Source interface to be used to reach tacacs server
interface	Interface (default is mgmt)

Command Mode

- /exec/configure/tacacs+

source-interface

[no] source-interface <interface>

Syntax Description

no	(Optional) Negate a command or set its defaults
source-interface	PLB probe Source-Interface
interface	source interface for probe

Command Mode

- /exec/configure/plb

source-interface hold-down-time

[no] source-interface hold-down-time <sec>

Syntax Description

no	(Optional) Negate a command or set its defaults
source-interface	NVE Source-Interface
hold-down-time	Hold source loopback down time
sec	time in seconds

Command Mode

- /exec/configure/if-nve

source

source [background] <file> [<args>] +

Syntax Description

source	run a script (python, tcl,...) from bootflash:scripts
background	(Optional) run the script in the background, see also 'show background' and 'kill background'
file	the script file to run
args	(Optional) argument to be passed to script

Command Mode

- /exec

source

{ [no] source <intf> | no source }

Syntax Description

source	Source Interface for this destination
intf	Interface

Command Mode

- /exec/configure/config-int-exporter

source

```
{ [ no ] source { <ipaddr> | <ipv6addr> } }
```

Syntax Description

source	Specify details
ipaddr	Source IP address for collector

Command Mode

- /exec/configure/config-fte-exporter

source

{ source { <numeric1> | <numeric2> } | no source }

Syntax Description

no	Negate a command or set its defaults
source	Source
numeric1	IP

Command Mode

- /exec/configure/configngoamconnectcheck

source

{ [no] source <intf> | no source }

Syntax Description

source	Source Interface for this destination
intf	Interface

Command Mode

- /exec/configure/nfm-exporter

source

source <srcip> | no source

Syntax Description

no	Negate a command or set its defaults
source	Source address for connection to controllers
srcip	IP address of source

Command Mode

- /exec/configure/openflow/switch

source

```
[no] source { { unicast-queue interface <if_list> qos-group <qos-grp> } | { { ingress | egress } { interface <if_list> } } }
```

Syntax Description

no	(Optional) Negate the command
source	Configure Packet Drop Scope
unicast-queue	Specify Capture scope as queue basis
interface	Specify interface associated to particular Queue
if_list	List of interfaces
qos-group	Specify the Qos-grp to be associated
qos-grp	Value 0-7
ingress	Specify Capture scope as Ingress
egress	Specify Capture scope as Egress
interface	Configure the Entity Interface
if_list	List of interfaces

Command Mode

- /exec/configure/pkt-drop

source

[no] source <ipaddr>

Syntax Description

source	Source configuration
ipaddr	IP Address to be configured

Command Mode

- /exec/configure/config-ssx-exporter

source

{ [no] source <intf> | no source }

Syntax Description

source	Source Interface for this destination
intf	Interface

Command Mode

- /exec/configure/nfm-exporter

source

{ [no] source <intf> | no source }

Syntax Description

source	Source Interface for this destination
intf	Interface

Command Mode

- /exec/configure/config-postcard-exporter

source

source { <ipaddr> } | no source

Syntax Description

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

Command Mode

- /exec/configure/if-te

source copy-sys

source copy-sys

Syntax Description

source	run a script (python, tcl,...) from bootflash:scripts
copy-sys	copy the system provided example scripts of /sys to bootflash:scripts

Command Mode

- /exec

source filter ip

```
[no] source filter ip { <ip-addr> <ip-mask> } [ ip | { { udp | tcp } { <port_num> | any } } ] [ { arp | advertise } { enable | disable } ]
```

Syntax Description

no	(Optional) Negate a command or set its defaults
source	source ip configuration
filter	source filters
ip	source ip
ip-addr	IP address in format i.i.i.i
ip-mask	IP network mask in format m.m.m.m
ip	(Optional) IP Protocol
udp	(Optional) UDP Protocol
tcp	(Optional) TCP Protocol
port_num	(Optional) Port Number
any	(Optional) Any Port Number
arp	THIS KEYWORD OR VARIABLE IS NOT SUPPORTED
advertise	(Optional) advertise
enable	(Optional) Enable
disable	(Optional) Disable

Command Mode

- /exec/configure/smartc

source filter ip any any

[no] source filter ip any any

Syntax Description

no	(Optional) Negate a command or set its defaults
source	source ip configuration
filter	source filters
ip	source ip
any	Any IP

Command Mode

- /exec/configure/smartc

source forward-drops

[no] source forward-drops <src_dir> [priority-low]

Syntax Description

no	(Optional) Negate a command or set its defaults
source	Source configuration
forward-drops	Forwarding drops
priority-low	(Optional) Drop span session is low priority relative to span acl and vlan sessions
src_dir	Source direction

Command Mode

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

source group permit

```
{ <seq> source <sourceip> group <range> { permit | deny } } | { no <seq> [ source <sourceip> group <range> { permit | deny } ] }
```

Syntax Description

no	Negate a command or set its defaults
seq	Sequence Number
source	Source IP Address
sourceip	Source IP Address value
group	Configure explicit group ranges
range	Group Prefix
permit	Admission Permitted
deny	Admission Denied

Command Mode

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

source group permit

```
{ <seq> source <sourceip> group <range> { permit | deny } } | { no <seq> [ source <sourceip> group <range>
{ permit | deny } ] }
```

Syntax Description

no	Negate a command or set its defaults
seq	Sequence Number
source	Source IP Address
sourceip	Source IP Address value
group	Configure explicit group ranges
range	Group Prefix
permit	Admission Permitted
deny	Admission Denied

Command Mode

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

source interface

[no] source { interface <interface_range> } [<src_dir>] [allow-pfc]

Syntax Description

no	(Optional) Negate a command or set its defaults
source	Source configuration
interface	Configure interfaces
interface_range	
src_dir	(Optional) Source direction
allow-pfc	(Optional) Enable SPAN on PFC frames

Command Mode

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

source interface

```
[no] source { interface <interface> } [ <src_dir> ]
```

Syntax Description

no	(Optional) Negate a command or set its defaults
source	Source configuration
interface	Configure interfaces
interface	
src_dir	(Optional) Source direction

Command Mode

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

source ip

[no] source ip <ipaddress>

Syntax Description

no	(Optional) Negate a command or set its defaults
source	Source IP address configuration
ip	Configure source IP address
ipaddress	

Command Mode

- /exec/configure/config-monitor-erspan-dst

source port

[no] source port <portnumber>

Syntax Description

source	Specify the source port
port	Specify the source port
portnumber	Source port number

Command Mode

- /exec/configure/nfm-profile

source vlan

[no] source { vlan <vlan_range> | vsan <vsan_range> } [<src_dir>]

Syntax Description

no	(Optional) Negate a command or set its defaults
source	Source configuration
vlan	Vlan type
vsan	Vsan type
vlan_range	
vsan_range	
src_dir	(Optional) Source direction

Command Mode

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

spanning-tree bpdufilter

spanning-tree bpdufilter <port-bpdufilter> | no spanning-tree bpdufilter [<port-bpdufilter>]

Syntax Description

no	Negate a command or set its defaults
spanning-tree	Spanning Tree Subsystem
bpdufilter	Don't send or receive BPDUs on this interface
port-bpdufilter	Don't send or receive BPDUs on this interface

Command Mode

- /exec/configure/if-switching /exec/configure/if-ethernet-switch-m

spanning-tree bpduguard

spanning-tree bpduguard <port-bpduguard> | no spanning-tree bpduguard [<port-bpduguard>]

Syntax Description

no	Negate a command or set its defaults
spanning-tree	Spanning Tree Subsystem
bpduguard	Don't accept BPDUs on this interface
port-bpduguard	Don't accept BPDUs on this interface

Command Mode

- /exec/configure/if-switching /exec/configure/if-ethernet-switch-m

spanning-tree bridge-domain

[no] spanning-tree bridge-domain <bd-id>

Syntax Description

no	(Optional) Negate a command or set its defaults
spanning-tree	Spanning Tree Subsystem
bridge-domain	Bridge-Domain Switch Spanning Trees
bd-id	Bridge-Domain range, Example: 2,4-5,7,9-11

Command Mode

- /exec/configure

spanning-tree bridge assurance

[no] spanning-tree bridge assurance

Syntax Description

no	(Optional) Negate a command or set its defaults
spanning-tree	Spanning Tree Subsystem
bridge	Spanning tree bridge options
assurance	Enable Bridge Assurance on all network ports

Command Mode

- /exec/configure

spanning-tree cost

```
spanning-tree [ vlan <vlan-id> | bridge-domain <bd-id> ] cost <port-cost> | no spanning-tree [ vlan <vlan-id>
| bridge-domain <bd-id> ] cost [ <port-cost> ]
```

Syntax Description

no	Negate a command or set its defaults
spanning-tree	Spanning Tree Subsystem
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
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
cost	Change an interface's spanning tree port path cost
port-cost	port path cost

Command Mode

- /exec/configure/if-switching /exec/configure/if-ethernet-switch-m

spanning-tree cost auto

[no] spanning-tree [vlan <vlan-id> | bridge-domain <bd-id>] cost auto

Syntax Description

no	(Optional) Negate a command or set its defaults
spanning-tree	Spanning Tree Subsystem
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
cost	Change an interface's spanning tree port path cost
auto	Determine cost based on media speed of this interface

Command Mode

- /exec/configure/if-switching /exec/configure/if-ethernet-switch-m

spanning-tree domain

spanning-tree domain { enable | disable | <domain-id> } | no spanning-tree domain [enable]

Syntax Description

no	Negate a command or set its defaults
spanning-tree	Spanning Tree Subsystem
domain	Spanning Tree Domain
enable	Enable Spanning Tree Domain
disable	Disable Spanning Tree Domain
domain-id	Domain Identifier

Command Mode

- /exec/configure

spanning-tree domain clear statistics

spanning-tree domain clear statistics

Syntax Description

spanning-tree	Spanning Tree Subsystem
domain	Spanning Tree Domain
clear	Clear
statistics	Clear Statistics

Command Mode

- /exec/configure

spanning-tree guard

spanning-tree guard <guard-type> | no spanning-tree guard [<guard-type>]

Syntax Description

no	Negate a command or set its defaults
spanning-tree	Spanning Tree Subsystem
guard	Change an interface's spanning tree guard mode
guard-type	Change an interface's spanning tree guard mode

Command Mode

- /exec/configure/if-switching /exec/configure/if-ethernet-switch-m

spanning-tree link-type

spanning-tree link-type <link-type-val> | no spanning-tree link-type [<link-type-val>]

Syntax Description

no	Negate a command or set its defaults
spanning-tree	Spanning Tree Subsystem
link-type	Specify a link type for spanning tree tree protocol use
link-type-val	Specify a link type for spanning tree tree protocol use

Command Mode

- /exec/configure/if-switching /exec/configure/if-ethernet-switch-m

spanning-tree loopguard default

[no] spanning-tree loopguard default

Syntax Description

no	(Optional) Negate a command or set its defaults
spanning-tree	Spanning Tree Subsystem
loopguard	Spanning tree loopguard options
default	Enable loopguard by default on all ports

Command Mode

- /exec/configure

spanning-tree mode

spanning-tree mode <stp-mode> | no spanning-tree mode [<stp-mode>]

Syntax Description

no	Negate a command or set its defaults
spanning-tree	Spanning Tree Subsystem
mode	Spanning Tree operating mode
stp-mode	Spanning Tree operating mode

Command Mode

- /exec/configure

spanning-tree mst configuration

spanning-tree mst configuration

Syntax Description

spanning-tree	Spanning Tree Subsystem
mst	Multiple spanning tree configuration
configuration	Enter MST configuration submenu

Command Mode

- /exec/configure

spanning-tree mst configuration

[no] spanning-tree mst configuration

Syntax Description

no	Negate a command or set its defaults
spanning-tree	Spanning Tree Subsystem
mst	Multiple spanning tree configuration
configuration	Enter MST configuration submode

Command Mode

- /exec/configure

spanning-tree mst cost

spanning-tree mst <mst-id> cost <port-cost> | no spanning-tree mst <mst-id> cost [<port-cost>]

Syntax Description

no	Negate a command or set its defaults
spanning-tree	Spanning Tree Subsystem
mst	Multiple spanning tree
mst-id	MST instance list, example 0,2-4,6,8-12
cost	Change an interface's spanning tree port path cost
port-cost	port path cost

Command Mode

- /exec/configure/if-switching /exec/configure/if-ethernet-switch-m

spanning-tree mst cost auto

[no] spanning-tree mst <mst-id> cost auto

Syntax Description

no	(Optional) Negate a command or set its defaults
spanning-tree	Spanning Tree Subsystem
mst	Multiple spanning tree
mst-id	MST instance list, example 0,2-4,6,8-12
cost	Change an interface's spanning tree port path cost
auto	Determine cost based on media speed of this interface

Command Mode

- /exec/configure/if-switching /exec/configure/if-ethernet-switch-m

spanning-tree mst forward-time

spanning-tree mst forward-time <fwd-time> | no spanning-tree mst forward-time [<fwd-time>]

Syntax Description

no	Negate a command or set its defaults
spanning-tree	Spanning Tree Subsystem
mst	Multiple spanning tree configuration
forward-time	Set the forward delay for the spanning tree
fwd-time	number of seconds for the forward delay timer

Command Mode

- /exec/configure

spanning-tree mst hello-time

spanning-tree mst hello-time <hello-time-val> | no spanning-tree mst hello-time [<hello-time-val>]

Syntax Description

no	Negate a command or set its defaults
spanning-tree	Spanning Tree Subsystem
mst	Multiple spanning tree configuration
hello-time	Set the hello interval for the spanning tree
hello-time-val	number of seconds between generation of config bpdu

Command Mode

- /exec/configure

spanning-tree mst max-age

spanning-tree mst max-age <max-age-val> | no spanning-tree mst max-age [<max-age-val>]

Syntax Description

no	Negate a command or set its defaults
spanning-tree	Spanning Tree Subsystem
mst	Multiple spanning tree configuration
max-age	Set the max age interval for the spanning tree
max-age-val	maximum number of seconds the information in a bpdu is valid

Command Mode

- /exec/configure

spanning-tree mst max-hops

spanning-tree mst max-hops <max-hops-val> | no spanning-tree mst max-hops [<max-hops-val>]

Syntax Description

no	Negate a command or set its defaults
spanning-tree	Spanning Tree Subsystem
mst	Multiple spanning tree configuration
max-hops	Set the max hops value for the spanning tree
max-hops-val	maximum number of hops a BPDU is valid

Command Mode

- /exec/configure

spanning-tree mst port-priority

spanning-tree mst <mst-id> port-priority <port-prio> | no spanning-tree mst <mst-id> port-priority [<port-prio>]

Syntax Description

no	Negate a command or set its defaults
spanning-tree	Spanning Tree Subsystem
mst	Multiple spanning tree
mst-id	MST instance list, example 0,2-4,6,8-12
port-priority	Change an interface's spanning tree port priority
port-prio	Spanning-tree port priority

Command Mode

- /exec/configure/if-switching /exec/configure/if-ethernet-switch-m

spanning-tree mst pre-standard

[no] spanning-tree mst pre-standard

Syntax Description

no	(Optional) Negate a command or set its defaults
spanning-tree	Spanning Tree Subsystem
mst	Multiple spanning tree
pre-standard	Force pre-standard MST BPDU transmission on port

Command Mode

- /exec/configure/if-switching /exec/configure/if-ethernet-switch-m

spanning-tree mst priority

spanning-tree mst <mst-id> priority <prio> | no spanning-tree mst <mst-id> priority [<prio>]

Syntax Description

no	Negate a command or set its defaults
spanning-tree	Spanning Tree Subsystem
mst	Multiple spanning tree configuration
mst-id	MST instance range, example: 0-3,5,7-9
priority	Set the bridge priority for the spanning tree
prio	bridge priority in increments of 4096

Command Mode

- /exec/configure

spanning-tree mst root

```
spanning-tree mst <mst-id> root <root-type> [ diameter <diameter-val> [ hello-time <hello-time-val> ] ] | no
spanning-tree mst <mst-id> root [ <root-type> [ diameter <diameter-val> [ hello-time <hello-time-val> ] ] ]
```

Syntax Description

no	Negate a command or set its defaults
spanning-tree	Spanning Tree Subsystem
mst	Multiple spanning tree configuration
mst-id	MST instance range, example: 0-3,5,7-9
diameter	(Optional) Network diameter of this spanning tree
diameter-val	(Optional) Maximum number of bridges between any two end nodes
root	configure switch as root
root-type	configure switch as root
hello-time	(Optional) Set the hello interval for the spanning tree
hello-time-val	(Optional) number of seconds between generation of config bpdu

Command Mode

- /exec/configure

spanning-tree mst simulate pvst

[no] spanning-tree mst simulate pvst [<simpvst-disable>]

Syntax Description

no	(Optional) Negate a command or set its defaults
spanning-tree	Spanning Tree Subsystem
mst	Multiple spanning tree
simulate	Enable spanning tree simulation
pvst	Enable PVST simulation
simpvst-disable	(Optional) Disable PVST simulation on this interface

Command Mode

- /exec/configure/if-switching /exec/configure/if-ethernet-switch-m

spanning-tree mst simulate pvst global

[no] spanning-tree mst simulate pvst global

Syntax Description

no	(Optional) Negate a command or set its defaults
spanning-tree	Spanning Tree Subsystem
mst	Multiple spanning tree configuration
simulate	Enable spanning tree simulation
pvst	Enable PVST simulation
global	Enable PVST Simulation by default on all ports

Command Mode

- /exec/configure

spanning-tree pathcost method

spanning-tree pathcost method <method-val> | no spanning-tree pathcost method [<method-val>]

Syntax Description

no	Negate a command or set its defaults
spanning-tree	Spanning Tree Subsystem
pathcost	Spanning tree pathcost options
method	Method to calculate default port path cost
method-val	Method to calculate default port path cost

Command Mode

- /exec/configure

spanning-tree port-priority

spanning-tree [vlan <vlan-id> | bridge-domain <bd-id>] port-priority <port-prio> | no spanning-tree [vlan <vlan-id> | bridge-domain <bd-id>] port-priority [<port-prio>]

Syntax Description

no	Negate a command or set its defaults
spanning-tree	Spanning Tree Subsystem
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
port-priority	Change an interface's spanning tree port priority
port-prio	Spanning-tree port priority

Command Mode

- /exec/configure/if-switching /exec/configure/if-ethernet-switch-m

spanning-tree port type

spanning-tree port type <port-type> | no spanning-tree port type [<port-type>]

Syntax Description

no	Negate a command or set its defaults
spanning-tree	Spanning Tree Subsystem
port	Spanning tree port options
type	Specify a port type for spanning tree protocol use
port-type	Specify a port type for spanning tree protocol use

Command Mode

- /exec/configure/if-switching /exec/configure/if-ethernet-switch-m

spanning-tree port type edge bpdufilter default

[no] spanning-tree port type edge bpdufilter default

Syntax Description

no	(Optional) Negate a command or set its defaults
spanning-tree	Spanning Tree Subsystem
port	Spanning tree port options
type	Specify a port type for spanning tree protocol use
edge	Consider the interface as edge port (enable portfast)
bpdufilter	Enable edge port (portfast) bpdu filter on this switch
default	Enable bpdu filter by default on all edge (portfast) ports

Command Mode

- /exec/configure

spanning-tree port type edge bpduguard default

[no] spanning-tree port type edge bpduguard default

Syntax Description

no	(Optional) Negate a command or set its defaults
spanning-tree	Spanning Tree Subsystem
port	Spanning tree port options
type	Specify a port type for spanning tree protocol use
edge	Consider the interface as edge port (enable portfast)
bpduguard	Enable edge port (portfast) bpdu guard on this switch
default	Enable bpdu guard by default on all edge (portfast) ports

Command Mode

- /exec/configure

spanning-tree port type edge default

[no] spanning-tree port type edge default

Syntax Description

no	(Optional) Negate a command or set its defaults
spanning-tree	Spanning Tree Subsystem
port	Spanning tree port options
type	Specify a port type for spanning tree protocol use
edge	Consider the interface as edge port (enable portfast)
default	Select edge port type by default on all access ports

Command Mode

- /exec/configure

spanning-tree port type edge trunk

spanning-tree port type edge trunk | no spanning-tree port type edge trunk

Syntax Description

no	Negate a command or set its defaults
spanning-tree	Spanning Tree Subsystem
port	Spanning tree port options
type	Specify a port type for spanning tree protocol use
edge	Consider the interface as edge port (enable portfast)
trunk	Consider the interface as edge port (enable portfast) even in trunk mode

Command Mode

- /exec/configure/if-switching /exec/configure/if-ethernet-switch-m

spanning-tree port type network default

[no] spanning-tree port type network default

Syntax Description

no	(Optional) Negate a command or set its defaults
spanning-tree	Spanning Tree Subsystem
port	Spanning tree port options
type	Specify a port type for spanning tree protocol use
network	Consider the interface as inter-switch link
default	Select network port type by default on all ports

Command Mode

- /exec/configure

spanning-tree pseudo-information

spanning-tree pseudo-information

Syntax Description

spanning-tree	Spanning Tree Subsystem
pseudo-information	configure spanning tree pseudo information

Command Mode

- /exec/configure

spanning-tree vlan

[no] spanning-tree vlan <vlan-id>

Syntax Description

no	(Optional) Negate a command or set its defaults
spanning-tree	Spanning Tree Subsystem
vlan	VLAN Switch Spanning Trees
vlan-id	vlan range, Example: 1,3-5,7,9-11

Command Mode

- /exec/configure

spanning-tree vlan forward-time

spanning-tree { vlan <vlan-id> | bridge-domain <bd-id> } forward-time <fwd-time> | no spanning-tree { vlan <vlan-id> | bridge-domain <bd-id> } forward-time [<fwd-time>]

Syntax Description

no	Negate a command or set its defaults
spanning-tree	Spanning Tree Subsystem
vlan	VLAN Switch Spanning Trees
bridge-domain	Bridge-Domain Switch Spanning Trees
vlan-id	vlan range, Example: 1,3-5,7,9-11
bd-id	Bridge-Domain range, Example: 2,4-5,7,9-11
forward-time	Set the forward delay for the spanning tree
fwd-time	number of seconds for the forward delay timer

Command Mode

- /exec/configure

spanning-tree vlan hello-time

```
spanning-tree { vlan <vlan-id> | bridge-domain <bd-id> } hello-time <hello-time-val> | no spanning-tree {  
vlan <vlan-id> | bridge-domain <bd-id> } hello-time [ <hello-time-val> ]
```

Syntax Description

no	Negate a command or set its defaults
spanning-tree	Spanning Tree Subsystem
vlan	VLAN Switch Spanning Trees
bridge-domain	Bridge-Domain Switch Spanning Trees
vlan-id	vlan range, Example: 1,3-5,7,9-11
bd-id	Bridge-Domain range, Example: 2,4-5,7,9-11
hello-time	Set the hello interval for the spanning tree
hello-time-val	number of seconds between generation of config bpdu

Command Mode

- /exec/configure

spanning-tree vlan max-age

spanning-tree { vlan <vlan-id> | bridge-domain <bd-id> } max-age <max-age-val> | no spanning-tree { vlan <vlan-id> | bridge-domain <bd-id> } max-age [<max-age-val>]

Syntax Description

no	Negate a command or set its defaults
spanning-tree	Spanning Tree Subsystem
vlan	VLAN Switch Spanning Trees
bridge-domain	Bridge-Domain Switch Spanning Trees
vlan-id	vlan range, Example: 1,3-5,7,9-11
bd-id	Bridge-Domain range, Example: 2,4-5,7,9-11
max-age	Set the max age interval for the spanning tree
max-age-val	maximum number of seconds the information in a bpdu is valid

Command Mode

- /exec/configure

spanning-tree vlan priority

```
spanning-tree { vlan <vlan-id> | bridge-domain <bd-id> } priority <prio> | no spanning-tree { vlan <vlan-id> | bridge-domain <bd-id> } priority [ <prio> ]
```

Syntax Description

no	Negate a command or set its defaults
spanning-tree	Spanning Tree Subsystem
vlan	VLAN Switch Spanning Trees
bridge-domain	Bridge-Domain Switch Spanning Trees
vlan-id	vlan range, Example: 1,3-5,7,9-11
bd-id	Bridge-Domain range, Example: 2,4-5,7,9-11
priority	Set the bridge priority for the spanning tree
prio	bridge priority in increments of 4096

Command Mode

- /exec/configure

spanning-tree vlan root

```
spanning-tree { vlan <vlan-id> | bridge-domain <bd-id> } root <root-type> [ diameter <diameter-val> [
hello-time <hello-time-val> ] ] | no spanning-tree { vlan <vlan-id> | bridge-domain <bd-id> } root [ <root-type>
[ diameter <diameter-val> [ hello-time <hello-time-val> ] ] ]
```

Syntax Description

no	Negate a command or set its defaults
spanning-tree	Spanning Tree Subsystem
vlan	VLAN Switch Spanning Trees
bridge-domain	Bridge-Domain Switch Spanning Trees
vlan-id	vlan range, Example: 1,3-5,7,9-11
bd-id	Bridge-Domain range, Example: 2,4-5,7,9-11
diameter	(Optional) Network diameter of this spanning tree
diameter-val	(Optional) Maximum number of bridges between any two end nodes
root	configure switch as root
root-type	configure switch as root
hello-time	(Optional) Set the hello interval for the spanning tree
hello-time-val	(Optional) number of seconds between generation of config bpdu

Command Mode

- /exec/configure

speed

```
[no] speed [ { <speed_val> | auto [ 100 [ 1000 ] ] } ]
```

Syntax Description

no	Negate a command or set its defaults
speed	Enter the port speed
speed_val	(Optional) Interface port speed
auto	(Optional) auto negotiate speed
100	(Optional) 100 Mbps speed
1000	(Optional) 1000 Mbps speed

Command Mode

- /exec/configure/if-mgmt-ether

speed

[no] speed <i0>

Syntax Description

no	(Optional) Negate a command or set its defaults
speed	Set the transmit and receive speeds
i0	Transmit and receive speeds

Command Mode

- /exec/configure/com1

speed

[no] speed <i0>

Syntax Description

no	(Optional) Negate a command or set its defaults
speed	Set the transmit and receive speeds
i0	Transmit and receive speeds

Command Mode

- /exec/configure/console

speed

speed { <speed_val> }

Syntax Description

speed	Enter the port speed
speed_val	Interface port speed

Command Mode

- /exec/configure/if-ethernet-all /exec/configure/if-eth-non-member /exec/configure/if-ethernet-p2p

speed

```
speed { <speed_val> }
```

Syntax Description

speed	Enter the port speed
speed_val	Interface port speed

Command Mode

- /exec/configure/if-port-channel

speed

```
[no] speed [ { <speed_val> | auto [ 100 [ 1000 ] ] } ]
```

Syntax Description

no	Negate a command or set its defaults
speed	Enter the port speed
speed_val	(Optional) Interface port speed
auto	(Optional) auto negotiate speed
100	(Optional) 100 Mbps speed
1000	(Optional) 1000 Mbps speed

Command Mode

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

speed

```
speed { <speed_val> }
```

Syntax Description

speed	Enter the port speed
speed_val	Interface port speed

Command Mode

- /exec/configure/if-mgmt-ether

speed auto

speed auto

Syntax Description

speed	Enter the port speed
auto	auto negotiate speed

Command Mode

- /exec/configure/if-mgmt-ether

speed auto 100

speed auto 100

Syntax Description

speed	Enter the port speed
auto	auto negotiate speed
100	100 Mbps speed

Command Mode

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

speed auto 100 1000

speed auto 100 1000

Syntax Description

speed	Enter the port speed
auto	auto negotiate speed
100	100 Mbps speed
1000	1000 Mbps speed

Command Mode

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

speed auto 100 1000

speed auto 100 1000

Syntax Description

speed	Enter the port speed
auto	auto negotiate speed
100	100 Mbps speed
1000	1000 Mbps speed

Command Mode

- /exec/configure/if-mgmt-ether

speed auto 100

speed auto 100

Syntax Description

speed	Enter the port speed
auto	auto negotiate speed
100	100 Mbps speed

Command Mode

- /exec/configure/if-mgmt-ether

speed auto

speed auto

Syntax Description

speed	Enter the port speed
auto	auto negotiate speed

Command Mode

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

spf-interval

spf-interval <max-wait> [<initial-wait> <second-wait>] | no spf-interval <max-wait> [<initial-wait> <second-wait>]

Syntax Description

no	Negate a command or set its defaults
spf-interval	Configure SPF interval
max-wait	Maximum wait between trigger and SPF computation (milli-secs)
initial-wait	(Optional) Initial wait between trigger and SPF computation (milli-secs)
second-wait	(Optional) Second wait between trigger and SPF computation (milli-secs)

Command Mode

- /exec/configure/l2mp-isis/l2mp-isis-vrf-common

spf-interval

spf-interval <level> <max-wait> [<initial-wait> <second-wait>] | no spf-interval <level> <max-wait> [<initial-wait> <second-wait>]

Syntax Description

no	Negate a command or set its defaults
spf-interval	Configure SPF interval
level	IS-IS level
max-wait	Maximum wait between trigger and SPF computation (milli-secs)
initial-wait	(Optional) Initial wait between trigger and SPF computation (milli-secs)
second-wait	(Optional) Second wait between trigger and SPF computation (milli-secs)

Command Mode

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

spf-interval

spf-interval <max-wait> [<initial-wait> <second-wait>] | no spf-interval <max-wait> [<initial-wait> <second-wait>]

Syntax Description

no	Negate a command or set its defaults
spf-interval	Configure SPF interval
max-wait	Maximum wait between trigger and SPF computation (milli-secs)
initial-wait	(Optional) Initial wait between trigger and SPF computation (milli-secs)
second-wait	(Optional) Second wait between trigger and SPF computation (milli-secs)

Command Mode

- /exec/configure/otv-isis/otv-isis-vrf-common

sport

{ sport <sval> | no sport }

Syntax Description

no	Negate a command or set its defaults
sport	Outer UDP source port
sval	Source port

Command Mode

- /exec/configure/configngoamconnectcheck

sport

{ sport <sval> } | { no sport }

Syntax Description

no	Negate a command or set its defaults
sport	Configure ngoam Udp source port range
sval	Udp source port range, max span 1024, Example: 2000-3000,400,500

Command Mode

- /exec/configure/configngoamprofile

src-intf

```
{ src-intf <src_if> }
```

Syntax Description

src-intf	Interface on which the host with src ip of the payload is connected
src_if	Interface

Command Mode

- /exec/configure/configngoamccpayload

ssh

```
{ ssh <s0> [ [ vrf { <vrf-name> | <vrf-known-name> } ] [ source-ip <s1> ] ] | [ source-interface <intf> ] ] }
| { ssh <s0> [ [ source-ip <s1> ] [ vrf { <vrf-name> | <vrf-known-name> } ] ] | [ source-interface <intf> ] ]
}
```

Syntax Description

ssh	SSH to another system
vrf	(Optional) Display per-VRF information
source-ip	(Optional) ip address to bind
source-interface	(Optional) Select source interface
s0	Enter hostname or user@hostname
vrf-name	(Optional) VRF name
vrf-known-name	(Optional) Known VRF name
s1	(Optional) Enter source ip address to bind
intf	(Optional)

Command Mode

- /exec

ssh6

```
{ ssh6 <s0> [ [ [ vrf { <vrf-name> | <vrf-known-name> } ] [ source-ip <s2> ] [ interface <s1> ] ] ] [
source-interface <intf> ] ] } | { ssh6 <s0> [ [ [ source-ip <s2> ] [ vrf { <vrf-name> | <vrf-known-name> } ] ] [
interface <s1> ] ] ] [ source-interface <intf> ] ] }
```

Syntax Description

ssh6	SSH to another system using IPv6 addressing
vrf	(Optional) vrf to use
source-ip	(Optional) ip address to bind
source-interface	(Optional) Select source interface
interface	THIS KEYWORD OR VARIABLE IS NOT SUPPORTED
s0	Enter hostname or user@hostname
vrf-name	(Optional) VRF name
vrf-known-name	(Optional) Known VRF name
s2	(Optional) Enter source ip address to bind
s1	THIS KEYWORD OR VARIABLE IS NOT SUPPORTED
intf	(Optional)

Command Mode

- /exec

ssh all

[no] ssh { kexalgos | ciphers | macs | keytypes } all

Syntax Description

no	(Optional) Negate a command or set its defaults
ssh	SSH to another system
kexalgos	key exchange methods that are used to generate per-connection keys
ciphers	ciphers to encrypt the connection
macs	message authentication codes used to detect traffic modification
keytypes	public key algorithms that the server can use to authenticate itself to the client
all	enable algorithms supported in current version of SSH

Command Mode

- /exec/configure/

ssh cipher-mode weak

```
{ { ssh cipher-mode weak } | { no ssh cipher-mode [ weak ] } }
```

Syntax Description

no	Negate a command or set its defaults
ssh	SSH to another system
cipher-mode	Set Cipher-mode for ssh
weak	Enable Weak Ciphers

Command Mode

- /exec/configure/

ssh idle

```
{ ssh { idle-timeout <i0> } [ keepalive-count <i1> ] | no ssh idle-timeout }
```

Syntax Description

no	Negate a command or set its defaults
ssh	SSH to another system
idle-timeout	SSH Client session idle timeout value
i0	Idle timeout value in seconds, 0 to disable, default is 0
keepalive-count	(Optional) Maximum count of SSH Keepalive packets to be sent to the ssh client
i1	(Optional) Count of SSH Keepalive packets sent to client, default is 0

Command Mode

- /exec/configure/

ssh key

```
{ ssh key { dsa [ force ] | rsa [ { <i0> | <oldrange> } [ force ] ] | ecdsa { <i0> } [ force ] } | no ssh key [ { dsa [ force ] | rsa [ { <i0> | <oldrange> } [ force ] ] | ecdsa [ { <i0> } [ force ] ] } ] }
```

Syntax Description

no	Negate a command or set its defaults
ssh	SSH to another system
key	Generate SSH Key
dsa	Generate DSA keys
force	(Optional) Force the generation of keys even if previous ones are present
rsa	Generate RSA keys
i0	(Optional) Enter number of bits (in multiples of 8)
oldrange	THIS KEYWORD OR VARIABLE IS NOT SUPPORTED
force	(Optional) Force the generation of keys even if previous ones are present
ecdsa	Generate ECDSA keys
i0	Enter key size in bits (256, 384 or 521)
force	(Optional) Force the generation of keys even if previous ones are present

Command Mode

- /exec/configure

ssh login-attempts

```
{ { ssh login-attempts <d0> } | { no ssh login-attempts [ <d0> ] } }
```

Syntax Description

no	Negate a command or set its defaults
ssh	SSH to another system
login-attempts	Set maximum login attempts from ssh
d0	Specify max-attempt number

Command Mode

- /exec/configure/

ssh login-gracetime

```
{ { ssh login-gracetime <d0> } | { no ssh login-gracetime [ <d0> ] } }
```

Syntax Description

no	Negate a command or set its defaults
ssh	SSH to another system
login-gracetime	Set login gracetime for ssh connection
d0	Specify grace time in seconds

Command Mode

- /exec/configure/

ssh port

```
{ ssh port { <port_number> } | no ssh port }
```

Syntax Description

no	Negate a command or set its defaults
ssh	SSH to another system
port	Set port number for ssh
port_number	Specify port number

Command Mode

- /exec/configure/

ssh rekey max-data max-time

[no] ssh rekey max-data <data> max-time <time>

Syntax Description

no	(Optional) Negate a command or set its defaults
ssh	SSH to another system
rekey	Renegotiate ssh key
max-data	data units are Kilo(K), Mega(M) and Giga(G)
data	Max data transmitted before key renegotiation
max-time	time units are Seconds(S), Minutes(M) and Hours(H)
time	Max time lapsed before key renegotiation

Command Mode

- /exec/configure/

ssx exporter

[no] ssx exporter <exportername>

Syntax Description

ssx	change ssx settings
exporter	ssx Exporter to be configured
exportername	ssx Exporter to be configured

Command Mode

- /exec/configure/config-ssx

ssx monitor

[no] ssx monitor <monitorname>

Syntax Description

ssx	change ssx settings
monitor	ssx Monitor to be configured
monitorname	ssx Monitor to be configured

Command Mode

- /exec/configure/config-ssx

ssx record

[no] ssx record <recordname>

Syntax Description

ssx	change ssx settings
record	ssx Record to be configured
recordname	ssx Record to be configured

Command Mode

- /exec/configure/config-ssx

ssx system monitor

[no] ssx system monitor <monitorname>

Syntax Description

ssx	change ssx settings
system	global config
monitor	ssx Monitor to be applied
monitorname	ssx Monitor to be applied

Command Mode

- /exec/configure/config-ssx

ssx system system-id

[no] ssx system system-id <systemid>

Syntax Description

ssx	change ssx settings
system	global config
system-id	ssx system-id to be applied
systemid	ssx system-id to be applied, default 0

Command Mode

- /exec/configure/config-ssx

stage-flow

[no] stage-flow

Syntax Description

no	(Optional) Negate a command or set its defaults
stage-flow	Create flow on the switch without valid egress interface

Command Mode

- /exec/configure/nbm-vrf/nbm-flow-def

stage-flow

[no] stage-flow

Syntax Description

no	(Optional) Negate a command or set its defaults
stage-flow	Create flow on the switch without valid egress interface

Command Mode

- /exec/configure/nbm-flow-def

standby

[no] standby [ip <ip-addr-first> | IPv6 <ip-addrv6-first>]

Syntax Description

no	(Optional) Negate a command or set its defaults
standby	Standby node
ip	(Optional) ip address for standby node
ip-addr-first	(Optional) ITD node IPv4 address
IPv6	(Optional) IPv6 address

Command Mode

- /exec/configure/itd-dg-node

start-threshold

[no] start-threshold <start-threshold-rate>

Syntax Description

no	(Optional) Negate the command
start-threshold	Configure Start-threshold parameters in bytes
start-threshold-rate	Specify start threshold-rate

Command Mode

- /exec/configure/pkt-drop/profile

start

start

Syntax Description

start	Start Trigger
-------	---------------

Command Mode

- /exec/elamns/sel3

start

start

Syntax Description

start	Start Trigger
-------	---------------

Command Mode

- /exec/elamtah/insel6

start

start

Syntax Description

start	Start Trigger
-------	---------------

Command Mode

- /exec/elamtah/inse17

start

start

Syntax Description

start	Start Trigger
-------	---------------

Command Mode

- /exec/elamtah/insel8

start

start

Syntax Description

start	Start Trigger
-------	---------------

Command Mode

- /exec/elamtah/inse19

start

start

Syntax Description

start	Start Trigger
-------	---------------

Command Mode

- /exec/elamtah/insel10

start

start

Syntax Description

start	Start Trigger
-------	---------------

Command Mode

- /exec/elamtah/insel19

start

start

Syntax Description

start	Start Trigger
-------	---------------

Command Mode

- /exec/elamtah/outsel0

start

start

Syntax Description

start	Start Trigger
-------	---------------

Command Mode

- /exec/elamtah/outsell

start

start

Syntax Description

start	Start Trigger
-------	---------------

Command Mode

- /exec/elamtah/outsel2

start

start

Syntax Description

start	Start Trigger
-------	---------------

Command Mode

- /exec/elamns/sel4

start

start

Syntax Description

start	Start Trigger
-------	---------------

Command Mode

- /exec/elamns/se15

start

start

Syntax Description

start	Start Trigger
-------	---------------

Command Mode

- /exec/elamns/sel6

start

start

Syntax Description

start	Start Trigger
-------	---------------

Command Mode

- /exec/elamns/se17

start

start

Syntax Description

start	Start Trigger
-------	---------------

Command Mode

- /exec/elamns/outsel0

start

start

Syntax Description

start	Start Trigger
-------	---------------

Command Mode

- /exec/elamns/outsel5

state

state <vstate> | no state

Syntax Description

no	Negate a command or set its defaults
state	Operational state of the VLAN
vstate	

Command Mode

- /exec/configure/vlan

state enabled

[no] state enabled

Syntax Description

no	(Optional) Negate a command or set its defaults
state	Port-profile state
enabled	Enable/ disable the port-profile

Command Mode

- /exec/configure/port-profile

statistics

[no] statistics

Syntax Description

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

Command Mode

- /exec/configure/macac1

statistics

[no] statistics

Syntax Description

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

Command Mode

- /exec/configure/ipacl /exec/configure/vacl

statistics

[no] statistics

Syntax Description

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

Command Mode

- /exec/configure/ipv6acl

statistics collection-interval

statistics collection-interval <interval-val> | no statistics collection-interval

Syntax Description

no	Negate a command or set its defaults
statistics	Statistics related commands
collection-interval	How often to retrieve statistics
interval-val	Collection interval in seconds (0 = do not collect)

Command Mode

- /exec/configure/openflow/switch

statistics per-entry

[no] statistics per-entry

Syntax Description

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

Command Mode

- /exec/configure/mplsac1

statistics per-entry

[no] statistics per-entry

Syntax Description

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

Command Mode

- /exec/configure/ipacl /exec/configure/vacl

statistics per-entry

[no] statistics per-entry

Syntax Description

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

Command Mode

- /exec/configure/ipv6acl

statistics per-entry

[no] statistics per-entry

Syntax Description

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

Command Mode

- /exec/configure/macac1

stats-reporting-period

stats-reporting-period <time-in-sec> | no stats-reporting-period

Syntax Description

no	Negate a command or set its defaults
stats-reporting-period	Interval after which statistics are sent to the BMP server
time-in-sec	Delay value

Command Mode

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

status

status

Syntax Description

status	Status of Trigger
--------	-------------------

Command Mode

- /exec/elamns/sel7

status

status

Syntax Description

status	Status of Trigger
--------	-------------------

Command Mode

- /exec/elanms/sel3

status

status

Syntax Description

status	Status of Trigger
--------	-------------------

Command Mode

- /exec/elamns/se14

status

status

Syntax Description

status	Status of Trigger
--------	-------------------

Command Mode

- /exec/elamns/sel5

status

status

Syntax Description

status	Status of Trigger
--------	-------------------

Command Mode

- /exec/elamns/sel6

status

status

Syntax Description

status	Status of Trigger
--------	-------------------

Command Mode

- /exec/elanms/outse10

status

status

Syntax Description

status	Status of Trigger
--------	-------------------

Command Mode

- /exec/elamns/outse15

stop-threshold

[no] stop-threshold <stop-threshold-rate>

Syntax Description

no	(Optional) Negate the command
stop-threshold	Configure Stop-threshold parameters in bytes
stop-threshold-rate	

Command Mode

- /exec/configure/pkt-drop/profile

stopbits

[no] stopbits <stopbits-value>

Syntax Description

no	(Optional) Negate a command or set its defaults
stopbits	Set async line stopbits
stopbits-value	async line stopbits value

Command Mode

- /exec/configure/console

stopbits 1

[no] stopbits { 1 | 2 }

Syntax Description

no	(Optional) Negate a command or set its defaults
stopbits	Set async line stopbits
1	One stop bit
2	Two stop bits

Command Mode

- /exec/configure/com1

storm-control-cpu

storm-control-cpu { { arp rate } <pps> } | no storm-control-cpu arp

Syntax Description

no	Negate a command or set its defaults
storm-control-cpu	Configure Interface storm control cpu
arp	arp storm control
rate	Set allowed arp traffic rate on this interface
pps	value in packets per sec

Command Mode

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

streetaddress

{ streetaddress <line> | no streetaddress }

Syntax Description

no	Negate a command or set its defaults
streetaddress	Configure replacement part shipping address.
line	Provide street address (white spaces are fine)

Command Mode

- /exec/configure/callhome

stub

```
{ { [ eigrp ] stub [ { [ direct | connected | static | summary ] [ redistributed ] } + [ leak-map <leak-map> ] | {
receive-only } ] } } | { no [ eigrp ] stub [ { [ direct | connected | static | summary ] [ redistributed ] } + [ leak-map
<leak-map> ] | { receive-only } ] } }
```

Syntax Description

no	Negate a command or set its defaults
eigrp	THIS KEYWORD OR VARIABLE IS NOT SUPPORTED
stub	Set IP-EIGRP as stubbed router
direct	(Optional) Do advertise connected routes
connected	THIS KEYWORD OR VARIABLE IS NOT SUPPORTED
static	(Optional) Do advertise static routes
summary	(Optional) Do advertise summary routes
redistributed	(Optional) Do advertise redistributed routes
leak-map	(Optional) Allow dynamic prefixes based on the leak-map
leak-map	(Optional) leak-map name
receive-only	(Optional) Set IP-EIGRP as receive only neighbor

Command Mode

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

sub-switch vlan

sub-switch <subswitch-id> vlan <vlan-id> | no sub-switch <subswitch-id>

Syntax Description

no	Negate a command or set its defaults
sub-switch	Logical sub-switch id
subswitch-id	Logical subswitch-id(2 to 10)
vlan	VLAN-id or VLAN-range
vlan-id	VLAN-id or VLAN-range

Command Mode

- /exec/configure/openflow/switch

subscription

[no] subscription <sub-id>

Syntax Description

no	(Optional) Negate a command or set its defaults
subscription	Create a Subscription
sub-id	Identifier

Command Mode

- /exec/configure/telemetry

summary-address

[no] summary-address <ipv6-prefix> [tag <tagval> | not-advertise]

Syntax Description

no	(Optional) Negate a command or set its defaults
summary-address	Configure route summarization for redistribution
tag	(Optional) 32-bit tag value
tagval	(Optional) 32-bit tag value
not-advertise	(Optional) Suppress advertising the specified summary

Command Mode

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

summary-address

summary-address { <ip-addr> <ip-mask> | <ip-prefix> } <level> | no summary-address { <ip-addr> <ip-mask> | <ip-prefix> } [<level>]

Syntax Description

no	Negate a command or set its defaults
summary-address	Configure IP address summaries
ip-addr	IP summary address
ip-mask	IP summary mask
ip-prefix	IP summary prefix
level	Level to summarize into

Command Mode

- /exec/configure/router-isis/router-isis-vrf-common /exec/configure/router-isis/router-isis-af-ipv4

summary-address

summary-address <ipv6-prefix> <level> | no summary-address <ipv6-prefix> [<level>]

Syntax Description

no	Negate a command or set its defaults
summary-address	Configure IP address summaries
level	Level to summarize into

Command Mode

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

summary-address

[no] summary-address { <ip-dest> <ip-mask> | <ip-prefix> } [tag <tagval> | not-advertise]

Syntax Description

no	(Optional) Negate a command or set its defaults
summary-address	Configure route summarization for redistribution
ip-dest	IP prefix format: i.i.i.i
ip-mask	IP network mask format: m.m.m.m
ip-prefix	IP prefix format: x.x.x.x/ml
tag	(Optional) 32-bit tag value
tagval	(Optional) 32-bit tag value
not-advertise	(Optional) Suppress advertising the specified summary

Command Mode

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

suppress-arp

[no] suppress-arp [disable]

Syntax Description

no	(Optional) Negate a command or set its defaults
suppress-arp	Enable ARP suppression
disable	(Optional) Override the global ARP suppression config

Command Mode

- /exec/configure/if-nve/vni

suppress-fib-pending

[no] suppress-fib-pending

Syntax Description

no	(Optional) Negate a command or set its defaults
suppress-fib-pending	Advertise only routes that are programmed in hardware to peers

Command Mode

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

suppress-fib-pending

[no] suppress-fib-pending

Syntax Description

no	(Optional) Negate a command or set its defaults
suppress-fib-pending	Advertise only routes that are programmed in hardware to peers

Command Mode

- /exec/configure/router-bgp

suppress-inactive

[no | default] suppress-inactive

Syntax Description

no	(Optional) Negate a command or set its defaults
default	(Optional) Inherit values from a peer template
suppress-inactive	Advertise only active routes to peer

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-mdt
/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

suppress-inactive

[no] suppress-inactive

Syntax Description

no	(Optional) Negate a command or set its defaults
suppress-inactive	Advertise only active routes to peers

Command Mode

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

suppress-signaling-protocol ldp

[no | default] suppress-signaling-protocol ldp

Syntax Description

no	(Optional) Negate a command or set its defaults
default	(Optional) Inherit values from a peer template
suppress-signaling-protocol	Suppress VPLS BGP AD protocol
ldp	LDP signaling

Command Mode

- /exec/configure/router-bgp/router-bgp-neighbor/router-bgp-neighbor-af-l2vpn-vpls

suppress mac-route

[no] suppress mac-route

Syntax Description

no	(Optional) Negate a command or set its defaults
suppress	Suppress MAC only route advertisement
mac-route	MAC route

Command Mode

- /exec/configure/if-nve

switch-id

switch-id <asid> | no switch-id

Syntax Description

no	Negate a command or set its defaults
switch-id	Configure Switch ID
asid	Anycast Switch ID

Command Mode

- /exec/configure/anycast

switch-priority

{ switch-priority <i0> | no switch-priority }

Syntax Description

no	Negate a command or set its defaults
switch-priority	Priority of the switch(0-highest 7-lowest)
i0	Priority of the switch(0-highest 7-lowest)

Command Mode

- /exec/configure/callhome

switch-profile

[no] switch-profile <s0> { profile-only { local | all } | local-config | all-config }

Syntax Description

no	Negate a command or set its defaults
switch-profile	Enter switch-profile configuration mode
s0	Enter the name of the switch-profile
profile-only	Deletion of profile only and no other configuration
local	Deletion of profile only and no other configurations in local switch
all	Deletion of profile only and no other configurations from all the peers
local-config	Deletion of profile and local configuration
all-config	Deletion of profile, local and peer configurations

Command Mode

- /exec/configure

switch-profile

switch-profile <s0>

Syntax Description

switch-profile	Enter switch-profile configuration mode
s0	Enter the name of the switch-profile

Command Mode

- /exec/configure

switch-role border-leaf

[no] switch-role border-leaf

Syntax Description

no	(Optional) Negate a command or set its defaults
switch-role	Switch Role
border-leaf	Border Leaf

Command Mode

- /exec/configure/nbm-controller

switch-scope controller

{ switch-scope controller <controller-id> | no switch-scope controller }

Syntax Description

no	Negate a command or set its defaults
switch-scope	switch-scope
controller	Controller command
controller-id	Controller id

Command Mode

- /exec

switch pipeline

switch <switch-id> pipeline <pipeline-id> | no switch <switch-id>

Syntax Description

no	Negate a command or set its defaults
switch	Switch
switch-id	Logical switch-id
pipeline	Select forwarding profile, use 'show openflow hardware capabilities' for choices
pipeline-id	Pipeline id

Command Mode

- /exec/configure/openflow

switchback

switchback

Syntax Description

switchback	switchback to default vdc
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Command Mode

- /exec

switching-mode fabric-speed 40g

[no] switching-mode fabric-speed 40g

Syntax Description

no	(Optional) Negate a command or set its defaults
switching-mode	Configure the operating switching-mode of asics
fabric-speed	fabric speed settings
40g	fabric speed at 40g instead of 42g

Command Mode

- /exec/configure

switching-mode fast-to-slow-speed-cut-through

[no] switching-mode fast-to-slow-speed-cut-through

Syntax Description

no	(Optional) Negate a command or set its defaults
switching-mode	Configure the operating switching-mode of asics
fast-to-slow-speed-cut-through	Operate in fast-to-slow speed cut-through mode

Command Mode

- /exec/configure

switching-mode store-forward

[no] switching-mode store-forward

Syntax Description

no	(Optional) Negate a command or set its defaults
switching-mode	Configure the operating switching-mode of asics
store-forward	Operate in store and forward mode

Command Mode

- /exec/configure

switchport

[no] switchport

Syntax Description

no	Negate a command or set its defaults
switchport	Configure switchport parameters

Command Mode

- /exec/configure/if-ethernet-switch /exec/configure/if-eth-non-member /exec/configure/if-ethernet /exec/configure/if-ethernet-switch /exec/configure/if-ethernet-all /exec/configure/if-port-channel /exec/configure/if-ethernet-p2p

switchport

switchport

Syntax Description

switchport	Configure switchport parameters
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Command Mode

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

switchport access vlan

switchport access vlan <vlan-id-access> | no switchport access vlan

Syntax Description

no	Negate a command or set its defaults
switchport	Configure switchport parameters
access	Set access mode characteristics of the interface
vlan	Set VLAN when interface is in access mode
vlan-id-access	VLAN ID of the VLAN when this port is in access mode

Command Mode

- /exec/configure/if-eth-port-channel-switch

switchport access vlan

switchport access vlan <vlan-id-access> | no switchport access vlan

Syntax Description

no	Negate a command or set its defaults
switchport	Configure switchport parameters
access	Set access mode characteristics of the interface
vlan	Set VLAN when interface is in access mode
vlan-id-access	VLAN ID of the VLAN when this port is in access mode

Command Mode

- /exec/configure/if-ethernet-switch /exec/configure/if-ethernet-p2p-switch
/exec/configure/if-remote-ethernet-switch

switchport access vlan

switchport access vlan <vlan-id-access> | no switchport access vlan

Syntax Description

no	Negate a command or set its defaults
switchport	Configure switchport parameters
access	Set access mode characteristics of the interface
vlan	Set VLAN when interface is in access mode
vlan-id-access	VLAN ID of the VLAN when this port is in access mode

Command Mode

- /exec/configure/if-ethernet-all

switchport autostate exclude

```
switchport autostate exclude [ vlan { <exclude-vlans> | add <add-vlans> | except <except-vlans> | remove
<remove-vlans> | all | none } ] | no switchport autostate exclude [ dummy ] [ vlan { <exclude-vlans> | add
<add-vlans> } ]
```

Syntax Description

no	Negate a command or set its defaults
switchport	Configure switchport parameters
autostate	Include or exclude this port from vlan link up calculation
exclude	Exclude this port from vlan link up calculation
vlan	(Optional) VLAN Id
exclude-vlans	(Optional) VLAN IDs of the VLANs to auto-state exclude on this interface
add	(Optional) add VLANs to except list
add-vlans	(Optional) VLAN IDs of the VLANs to auto-state exclude on this interface
except	(Optional) List of VLANs to excepted from auto-state exclude
except-vlans	(Optional) VLAN IDs of the VLANs to auto-state exclude on this interface
remove	(Optional) remove VLANs from except list
remove-vlans	(Optional) VLAN IDs of the VLANs to auto-state exclude on this interface
all	(Optional) Exclude all VLANs
none	THIS KEYWORD OR VARIABLE IS NOT SUPPORTED
dummy	THIS KEYWORD OR VARIABLE IS NOT SUPPORTED

Command Mode

- /exec/configure/if-ethernet-switch /exec/configure/if-ethernet-all /exec/configure/if-gig-ether
/exec/configure/if-port-channel-range /exec/configure/if-eth-port-channel-switch
/exec/configure/if-remote-ethernet-switch

switchport backup interface

[no] switchport backup interface <if0> [__readonly__ <from_snmp>]

Syntax Description

no	(Optional) Negate a command or set its defaults
switchport	Configure switchport parameters
backup	Set backup for the interface
interface	Specify an interface as backup
if0	Enter interface name
__readonly__	(Optional) Read Only
from_snmp	(Optional) Configuration comes from SNMP

Command Mode

- /exec/configure/if-ethernet-switch /exec/configure/if-eth-port-channel-switch

switchport backup interface

[no] switchport backup interface <if0> [__readonly__ <from_snmp>]

Syntax Description

no	(Optional) Negate a command or set its defaults
switchport	Configure switchport parameters
backup	Set backup for the interface
interface	Specify an interface as backup
if0	Enter interface name
__readonly__	(Optional) Read Only
from_snmp	(Optional) Configuration comes from SNMP

Command Mode

- /exec/configure/if-ethernet-switch /exec/configure/if-eth-port-channel-switch

switchport backup interface multicast fast-convergence

[no] switchport backup interface <if0> multicast fast-convergence

Syntax Description

no	(Optional) Negate a command or set its defaults
switchport	Configure switchport parameters
backup	Set backup for the interface
interface	Specify an interface as backup
if0	Enter interface name
multicast	multicast parameters
fast-convergence	configure fast convergence on backup interface

Command Mode

- /exec/configure/if-ethernet-switch /exec/configure/if-eth-port-channel-switch

switchport backup interface multicast fast-convergence

[no] switchport backup interface <if0> multicast fast-convergence

Syntax Description

no	(Optional) Negate a command or set its defaults
switchport	Configure switchport parameters
backup	Set backup for the interface
interface	Specify an interface as backup
if0	Enter interface name
multicast	multicast parameters
fast-convergence	configure fast convergence on backup interface

Command Mode

- /exec/configure/if-ethernet-switch /exec/configure/if-eth-port-channel-switch

switchport backup interface preemption delay

{ switchport backup interface <if0> preemption delay <delay_secs> } | { no switchport backup interface <if0> preemption delay }

Syntax Description

no	Negate a command or set its defaults
switchport	Configure switchport parameters
backup	Set backup for the interface
interface	Specify an interface as backup
if0	Enter interface name
preemption	preemption parameters
delay	preemption parameters
preemption	delay
delay_secs	preemption delay in seconds

Command Mode

- /exec/configure/if-ethernet-switch /exec/configure/if-eth-port-channel-switch

switchport backup interface preemption delay

{ switchport backup interface <if0> preemption delay <delay_secs> } | { no switchport backup interface <if0> preemption delay }

Syntax Description

no	Negate a command or set its defaults
switchport	Configure switchport parameters
backup	Set backup for the interface
interface	Specify an interface as backup
if0	Enter interface name
preemption	preemption parameters
delay	preemption parameters
preemption	delay
delay_secs	preemption delay in seconds

Command Mode

- /exec/configure/if-ethernet-switch /exec/configure/if-eth-port-channel-switch

switchport backup interface preemption mode

{ switchport backup interface <if0> preemption mode <preempt_mode> } | { no switchport backup interface <if0> preemption mode }

Syntax Description

no	Negate a command or set its defaults
switchport	Configure switchport parameters
backup	Set backup for the interface
interface	Specify an interface as backup
if0	Enter interface name
preemption	preemption parameters
mode	set the preemption mode
preemption	mode
preempt_mode	preemption mode

Command Mode

- /exec/configure/if-ethernet-switch /exec/configure/if-eth-port-channel-switch

switchport backup interface preemption mode

{ switchport backup interface <if0> preemption mode <preempt_mode> } | { no switchport backup interface <if0> preemption mode }

Syntax Description

no	Negate a command or set its defaults
switchport	Configure switchport parameters
backup	Set backup for the interface
interface	Specify an interface as backup
if0	Enter interface name
preemption	preemption parameters
mode	set the preemption mode
preemption	mode
preempt_mode	preemption mode

Command Mode

- /exec/configure/if-ethernet-switch /exec/configure/if-eth-port-channel-switch

switchport beacon

[no] switchport beacon

Syntax Description

no	(Optional) Negate a command or set its defaults
switchport	Configure switchport parameters
beacon	Disable/enable the beacon for an interface

Command Mode

- /exec/configure/if-fc /exec/configure/if-bay /exec/configure/if-ext /exec/configure/if-legacy-eth

switchport block unicast

switchport block { unicast | multicast } | no switchport block { unicast | multicast }

Syntax Description

no	Negate a command or set its defaults
switchport	Configure switchport parameters
block	Block specified outbound traffic for all VLANs
unicast	Block unknown unicast traffic
multicast	Block flood multicast traffic

Command Mode

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

switchport description

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

Syntax Description

no	Negate a command or set its defaults
switchport	Configure switchport parameters
description	Enter description of maximum 254 characters
desc_line	Description of maximum 254 characters

Command Mode

- /exec/configure/if-iscsi /exec/configure/if-fcip /exec/configure/if-fc /exec/configure/if-bay /exec/configure/if-ext /exec/configure/if-gig-ether /exec/configure/if-fa /exec/configure/if-fv /exec/configure/if-san-port-channel /exec/configure/if-sme /exec/configure/if-ioa /exec/configure/if-gig-ether-sub /exec/configure/if-vfc /exec/configure/if-vfc-port-channel

switchport dot1q ethertype

switchport dot1q ethertype { 0x8100 | 0x88A8 | 0x9100 | <any> } | no switchport dot1q ethertype [<any>]

Syntax Description

no	Negate a command or set its defaults
switchport	Configure switchport parameters
dot1q	Configure dot1q EtherType value
ethertype	Configure dot1q EtherType value
0x8100	Default EtherType for 802.1q frames
0x88A8	EtherType for 802.1ad double tagged frames
0x9100	EtherType for QinQ frames
any	Any EtherType

Command Mode

- /exec/configure/if-eth-l2-non-member /exec/configure/if-ethernet-all

switchport dot1q ethertype

switchport dot1q ethertype { 0x8100 | 0x88A8 | 0x9100 | <any> } | no switchport dot1q ethertype [<any>]

Syntax Description

no	Negate a command or set its defaults
switchport	Configure switchport parameters
dot1q	Configure dot1q EtherType value
ethertype	Configure dot1q EtherType value
0x8100	Default EtherType for 802.1q frames
0x88A8	EtherType for 802.1ad double tagged frames
0x9100	EtherType for QinQ frames
any	Any EtherType

Command Mode

- /exec/configure/if-eth-port-channel-switch

switchport duplex

{ switchport duplex { auto | full | half } | no switchport duplex [{ auto | full | half }] }

Syntax Description

no	Negate a command or set its defaults
switchport	Configure switchport parameters
duplex	Enter the port duplex mode
auto	auto negotiate duplex mode
full	full duplex mode
half	half duplex mode

Command Mode

- /exec/configure/if-legacy-eth /exec/configure/if-mgmt-ether

switchport host

[no] switchport host

Syntax Description

no	(Optional) Negate a command or set its defaults
switchport	Configure switchport parameters
host	Set port host

Command Mode

- /exec/configure/if-eth-12-non-member /exec/configure/if-ethernet-switch
/exec/configure/if-ethernet-switch-m /exec/configure/if-ethernet-all

switchport ignore bit-errors

{ switchport ignore bit-errors | no switchport ignore bit-errors }

Syntax Description

no	Negate a command or set its defaults
switchport	Configure switchport parameters
ignore	Enter parameter to be ignored
bit-errors	ignore bit-errors

Command Mode

- /exec/configure/if-fc /exec/configure/if-bay /exec/configure/if-ext

switchport isolated

[no] switchport isolated

Syntax Description

no	(Optional) Negate a command or set its defaults
switchport	Configure switchport parameters
isolated	Disable loop-free detection.

Command Mode

- /exec/configure/if-eth-12-non-member /exec/configure/if-ethernet-all
/exec/configure/if-eth-port-channel-switch

switchport mac-learn disable

switchport mac-learn disable | no switchport mac-learn disable

Syntax Description

no	Negate a command or set its defaults
switchport	Configure switchport parameters
mac-learn	Disable/enable mac learning on interface
disable	Disable mac learning on all VLANs on interface

Command Mode

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

switchport mode

{ switchport mode { <port_mode> } | no switchport mode }

Syntax Description

no	Negate a command or set its defaults
switchport	Configure switchport parameters
mode	Enter the port mode
port_mode	port mode

Command Mode

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

switchport mode

{ switchport mode { <port_mode> } | no switchport mode }

Syntax Description

no	Negate a command or set its defaults
switchport	Configure switchport parameters
mode	Enter the port mode
port_mode	port mode

Command Mode

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

switchport mode

switchport mode <port_mode> | no switchport mode [<port_mode>]

Syntax Description

no	Negate a command or set its defaults
switchport	Configure switchport parameters
mode	Enter the port mode
port_mode	Port mode

Command Mode

- /exec/configure/if-fc /exec/configure/if-bay /exec/configure/if-ext

switchport mode

switchport mode <port_mode> | no switchport mode [<port_mode>]

Syntax Description

no	Negate a command or set its defaults
switchport	Configure switchport parameters
mode	Enter the port mode
port_mode	Port mode

Command Mode

- /exec/configure/if-fcip

switchport mode

switchport mode <port_mode> | no switchport mode [<port_mode>]

Syntax Description

no	Negate a command or set its defaults
switchport	Configure switchport parameters
mode	Enter the port mode
port_mode	Port mode

Command Mode

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

switchport mode

switchport mode <port_mode> | no switchport mode [<port_mode>]

Syntax Description

no	Negate a command or set its defaults
switchport	Configure switchport parameters
mode	Enter the port mode
port_mode	Port mode

Command Mode

- /exec/configure/if-vfc /exec/configure/if-vfc-port-channel

switchport mode fabricpath

[no] switchport mode fabricpath

Syntax Description

no	(Optional) Negate a command or set its defaults
switchport	Configure switchport parameters
mode	Enter the port mode
fabricpath	port mode fabricpath

Command Mode

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

switchport mode monitor buffer-limit

switchport mode monitor buffer-limit { <value> [packets | bytes | kbytes | mbytes] } | no switchport mode monitor buffer-limit

Syntax Description

no	Negate a command or set its defaults
switchport	Configure switchport parameters
mode	Enter the port mode
monitor	Configures an interface as span-destination
buffer-limit	Set buffer limit for span destination
value	Limit in terms of packets
packets	(Optional) Packets
bytes	(Optional) Bytes
kbytes	(Optional) Kilo bytes
mbytes	(Optional) Mega bytes

Command Mode

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

switchport mode private-vlan

```
{ switchport mode private-vlan <port_mode> } | { no switchport mode private-vlan [ <port_mode> ] }
```

Syntax Description

no	Negate a command or set its defaults
switchport	Configure switchport parameters
mode	Enter the port mode
private-vlan	Set the private VLAN configuration
port_mode	private vlan mode

Command Mode

- /exec/configure/if-ethernet-switch /exec/configure/if-ethernet-all /exec/configure/if-eth-port-channel-switch /exec/configure/if-remote-ethernet-switch

switchport mode private-vlan trunk

```
{ switchport mode private-vlan trunk <trunk_mode> } | { no switchport mode private-vlan trunk [
<trunk_mode> ] }
```

Syntax Description

no	Negate a command or set its defaults
switchport	Configure switchport parameters
mode	Enter the port mode
private-vlan	Set the private VLAN configuration
trunk	private-vlan trunk
trunk_mode	private vlan trunk mode

Command Mode

- /exec/configure/if-ethernet-switch /exec/configure/if-ethernet-all /exec/configure/if-eth-port-channel-switch /exec/configure/if-remote-ethernet-switch

switchport monitor

switchport monitor [ingress [learning]] | no switchport monitor

Syntax Description

no	Negate a command or set its defaults
switchport	Configure switchport parameters
monitor	Configures an interface as span-destination
ingress	(Optional) Enables the forwarding on incoming packets
learning	(Optional) Enables mac-learning

Command Mode

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

switchport mtu

{ switchport mtu <i0> | no switchport mtu [<i0>] }

Syntax Description

no	Negate a command or set its defaults
switchport	Configure switchport parameters
mtu	Configure mtu for the port
i0	Enter mtu

Command Mode

- /exec/configure/if-gig-ether-sub /exec/configure/if-legacy-eth

switchport owner

```
{ switchport owner { <owner_str> } | no switchport owner }
```

Syntax Description

no	Negate a command or set its defaults
switchport	Configure switchport parameters
owner	Specify the owner of an interface
owner_str	Owner of maximum 80 characters

Command Mode

- /exec/configure/if-fc /exec/configure/if-bay /exec/configure/if-ext /exec/configure/if-vfc /exec/configure/if-vfc-port-channel

switchport port-security

[no] switchport port-security

Syntax Description

no	(Optional) Negate a command or set its defaults
switchport	Configure switchport parameters
port-security	Port security related command

Command Mode

- /exec/configure/if-switching

switchport port-security aging time

[no] switchport port-security aging time <value>

Syntax Description

no	(Optional) Negate a command or set its defaults
switchport	Configure switchport parameters
port-security	Port security related command
aging	Port-security aging commands
time	Port-security aging time
value	Aging time in minutes. Enter a value between 1 and 1440

Command Mode

- /exec/configure/if-switching

switchport port-security mac-address

[no] switchport port-security mac-address <mac-address> [vlan <vlanid>]

Syntax Description

no	(Optional) Negate a command or set its defaults
switchport	Configure switchport parameters
port-security	Port security related command
mac-address	MAC address
mac-address	48 bit mac address format HHHH.HHHH.HHHH
vlan	(Optional) Vlan on which the mac address should be secured
vlanid	(Optional) vlan id. Enter a value between 1 and 4094

Command Mode

- /exec/configure/if-switching

switchport port-security mac-address sticky

[no] switchport port-security mac-address sticky

Syntax Description

no	(Optional) Negate a command or set its defaults
switchport	Configure switchport parameters
port-security	Port security related command
mac-address	MAC address
sticky	Sticky MAC address

Command Mode

- /exec/configure/if-switching

switchport port-security maximum

[no] switchport port-security maximum <value> [vlan <vlanid>]

Syntax Description

no	(Optional) Negate a command or set its defaults
switchport	Configure switchport parameters
port-security	Port security related command
maximum	Max secure addresses
value	Maximum addresses 1 to 1025
vlan	(Optional) Vlan on which the mac address should be secured
vlanid	(Optional) vlan id. Enter a value between 1 and 4094

Command Mode

- /exec/configure/if-switching

switchport port-security violation

[no] switchport port-security violation { protect | restrict | shutdown }

Syntax Description

no	(Optional) Negate a command or set its defaults
switchport	Configure switchport parameters
port-security	Port security related command
violation	Security violation mode
protect	security violation protect mode
restrict	security violation restrict mode
shutdown	security violation shutdown mode

Command Mode

- /exec/configure/if-switching

switchport private-vlan association trunk

```
{ switchport private-vlan association trunk <primary-vlan> <secondary-vlan> } | { no switchport private-vlan association trunk [ <primary-vlan> [ <secondary-vlan> ] ] }
```

Syntax Description

switchport	Configure switchport parameters
private-vlan	Set the private VLAN configuration
association	private vlan trunk association
trunk	private-vlan trunk secondary
no	Negate a command or set its defaults
primary-vlan	Primary VLAN ID
secondary-vlan	Secondary VLAN ID

Command Mode

- /exec/configure/if-switching /exec/configure/if-eth-port-channel-switch

switchport private-vlan host-association

{ switchport private-vlan host-association <primary-vlan> <secondary-vlan> } | { no switchport private-vlan host-association }

Syntax Description

switchport	Configure switchport parameters
private-vlan	Set the private VLAN configuration
host-association	Set the private VLAN host association
no	Negate a command or set its defaults
primary-vlan	Primary VLAN ID
secondary-vlan	Secondary VLAN ID

Command Mode

- /exec/configure/if-switching /exec/configure/if-eth-port-channel-switch

switchport private-vlan mapping

```
{ switchport private-vlan mapping <primary-vlan> [ { add | remove } ] <secondary_vlans> } | { no switchport private-vlan mapping [ <primary-vlan> <secondary_vlans> ] }
```

Syntax Description

switchport	Configure switchport parameters
private-vlan	Set the private VLAN configuration
mapping	Set the private VLAN access/trunk promiscuous mapping
add	(Optional) Add a VLAN to private VLAN list
remove	(Optional) Remove a VLAN from private VLAN list
no	Negate a command or set its defaults
primary-vlan	Primary private VLAN
secondary_vlans	Secondary VLAN IDs

Command Mode

- /exec/configure/if-switching /exec/configure/if-eth-port-channel-switch

switchport private-vlan mapping trunk

```
{ switchport private-vlan mapping trunk <primary-vlan> [ { add | remove } ] <secondary_vlans> } | { no
switchport private-vlan mapping trunk [ <primary-vlan> [ <secondary_vlans> ] ] }
```

Syntax Description

switchport	Configure switchport parameters
private-vlan	Set the private VLAN configuration
mapping	Set the private VLAN access/trunk promiscuous mapping
add	(Optional) Add a VLAN to private VLAN list
remove	(Optional) Remove a VLAN from private VLAN list
no	Negate a command or set its defaults
trunk	private-vlan trunk promiscuous
primary-vlan	Primary private VLAN
secondary_vlans	Secondary VLAN IDs

Command Mode

- /exec/configure/if-switching /exec/configure/if-eth-port-channel-switch

switchport private-vlan trunk allowed vlan

switchport private-vlan trunk allowed vlan { <allowed-vlans> | add <add-vlans> | except <except-vlans> | remove <remove-vlans> | all | none } | no switchport private-vlan trunk allowed vlan <no-allowed-vlans>

Syntax Description

switchport	Configure switchport parameters
private-vlan	Set the private VLAN configuration
trunk	Set the private vlan trunking configuration
allowed	Set allowed VLANs when interface is in private-vlan trunking mode
vlan	VLAN status
allowed-vlans	VLAN IDs of the allowed VLANs when interface is in private-vlan trunking mode
add	add VLANs to the current list
add-vlans	VLAN IDs of the allowed VLANs when interface is in private-vlan trunking mode
except	all VLANs except the following
except-vlans	VLAN IDs of disallowed VLANS when this port is in trunking mode
remove	remove VLANs from the current list
remove-vlans	VLAN IDs of disallowed VLANS when this port is in trunking mode
all	all VLANs
none	no VLANs
no	Negate a command or set its defaults
no-allowed-vlans	VLAN IDs of disallowed VLANs when this port is in trunking mode

Command Mode

- /exec/configure/if-switching /exec/configure/if-eth-port-channel-switch

switchport private-vlan trunk native vlan

{ switchport private-vlan trunk native vlan <native-vlan> } | { no switchport private-vlan trunk native vlan }

Syntax Description

switchport	Configure switchport parameters
private-vlan	Set the private VLAN configuration
no	Negate a command or set its defaults
trunk	Set the private vlan trunking configuration
native	Set the private vlan trunking native configuration
vlan	VLAN status
native-vlan	native vlan id

Command Mode

- /exec/configure/if-switching /exec/configure/if-eth-port-channel-switch

switchport promiscuous-mode off

switchport promiscuous-mode { off | on }

Syntax Description

switchport	Configure switchport parameters
promiscuous-mode	Configure promiscuous mode for the port
off	Disable promiscuous mode
on	Enable promiscuous mode

Command Mode

- /exec/configure/if-gig-ether-sub /exec/configure/if-legacy-eth

switchport speed

```
{ switchport speed { 1000 | 2000 | 4000 | 8000 | 10000 | 16000 | 32000 | auto [ max { 20001 | 40001 | 80001
| 160001 | 320001 } ] } | no switchport speed [ { 1000 | 2000 | 4000 | 8000 | 10000 | 16000 | 32000 | auto [
max { 20001 | 40001 | 80001 | 160001 | 320001 } ] } ] }
```

Syntax Description

no	Negate a command or set its defaults
switchport	Configure switchport parameters
speed	Enter the port speed
1000	1000 Mbps speed
2000	2000 Mbps speed
4000	4000 Mbps speed
8000	8000 Mbps speed
10000	10000 Mbps speed
16000	16000 Mbps speed
32000	32000 Mbps speed
auto	auto negotiate speed
max	(Optional) Maximum speed
20001	(Optional) Maximum speed is 2000
40001	(Optional) Maximum speed is 4000
80001	(Optional) Maximum speed is 8000
160001	(Optional) Maximum speed is 16000
320001	(Optional) Maximum speed is 32000

Command Mode

- /exec/configure/if-fc /exec/configure/if-bay /exec/configure/if-ext /exec/configure/if-san-port-channel

switchport speed

{ switchport speed { 10 | 100 | 1000 | auto } | no switchport speed [{ 10 | 100 | 1000 | auto }] }

Syntax Description

no	Negate a command or set its defaults
switchport	Configure switchport parameters
speed	Enter the port speed
10	10 Mbps speed
100	100 Mbps speed
1000	1000 Mbps speed
auto	auto negotiate speed

Command Mode

- /exec/configure/if-mgmt-ether

switchport trunk allowed vlan

switchport trunk allowed vlan { <allow-vlans> | add <add-vlans> | except <except-vlans> | remove <remove-vlans> | all | none } | no switchport trunk allowed vlan

Syntax Description

no	Negate a command or set its defaults
switchport	Configure switchport parameters
trunk	Configure trunking parameters on an interface
allowed	Set allowed VLAN characteristics when interface is in trunking mode
vlan	Set allowed VLANs when interface is in trunking mode
allow-vlans	VLAN IDs of the allowed VLANs when this port in trunking mode
add	add VLANs to the current list
add-vlans	VLAN IDs of the allowed VLANs when this port in trunking mode
all	all VLANs
except	all VLANs except the following
except-vlans	VLAN IDs of the allowed VLANs when this port in trunking mode
none	no VLANs
remove	remove VLANs from the current list
remove-vlans	VLAN IDs of the allowed VLANs when this port in trunking mode

Command Mode

- /exec/configure/if-ethernet-switch /exec/configure/if-ethernet-p2p-switch
/exec/configure/if-remote-ethernet-switch /exec/configure/if-ethernet-all
/exec/configure/if-eth-port-channel-switch

switchport trunk allowed vsan

```
{ switchport trunk allowed vsan { add <i0> | all | <i1> [ no-warning ] } | no switchport trunk allowed vsan [
{ add <i0> | all | <i1> } ] }
```

Syntax Description

no	Negate a command or set its defaults
switchport	Configure switchport parameters
trunk	Configure trunking parameters on an interface
allowed	Configure allowed list for interface(s)
vsan	Configure allowed list for interface(s)
add	give VSAN id range to add to allowed vsan list
i0	VSAN id range
all	add all the vsans to allowed vsan list
i1	VSAN id range
no-warning	(Optional) Avoid displaying a warning message and user prompt for this command

Command Mode

- /exec/configure/if-fc /exec/configure/if-san-port-channel /exec/configure/if-fcip /exec/configure/if-svc /exec/configure/if-bay /exec/configure/if-ext

switchport trunk allowed vsan

```
{ switchport trunk allowed vsan { add <i0> | all | <i1> [ no-warning ] } | no switchport trunk allowed vsan [
{ add <i0> | all | <i1> } ] }
```

Syntax Description

no	Negate a command or set its defaults
switchport	Configure switchport parameters
trunk	Configure trunking parameters on an interface
allowed	Configure allowed list for interface(s)
vsan	Configure allowed list for interface(s)
add	give VSAN id range to add to allowed vsan list
i0	VSAN id range
all	add all the vsans to allowed vsan list
i1	VSAN id range
no-warning	(Optional) Avoid displaying a warning message and user prompt for this command

Command Mode

- /exec/configure/if-vfc

switchport trunk mode

```
{ switchport trunk mode { <trunk_mode> } | no switchport trunk mode [ { <trunk_mode> } ] }
```

Syntax Description

no	Negate a command or set its defaults
switchport	Configure switchport parameters
trunk	Configure trunking parameters on an interface
mode	Configure trunking mode
trunk_mode	Trunk mode

Command Mode

- /exec/configure/if-fc /exec/configure/if-bay /exec/configure/if-ext /exec/configure/if-fcip /exec/configure/if-san-port-channel

switchport trunk mode

```
{ switchport trunk mode { <trunk_mode> } | no switchport trunk mode [ { <trunk_mode> } ] }
```

Syntax Description

no	Negate a command or set its defaults
switchport	Configure switchport parameters
trunk	Configure trunking parameters on an interface
mode	Configure trunking mode
trunk_mode	Trunk mode

Command Mode

- /exec/configure/if-vfc /exec/configure/if-vfc-port-channel

switchport trunk native vlan

switchport trunk native vlan <vlan-id-native> | no switchport trunk native vlan

Syntax Description

no	Negate a command or set its defaults
switchport	Configure switchport parameters
trunk	Configure trunking parameters on an interface
native	Set trunking native characteristics when interface is in trunking mode
vlan	Set native VLAN when interface is in trunking mode
vlan-id-native	VLAN ID of the native VLAN when this port is in trunking mode

Command Mode

- /exec/configure/if-ethernet-switch /exec/configure/if-ethernet-p2p-switch
/exec/configure/if-remote-ethernet-switch /exec/configure/if-ethernet-all
/exec/configure/if-eth-port-channel-switch

switchport trunk pruning vlan except add remove none all

{ no switchport trunk pruning vlan [<vlan-ids>] | switchport trunk pruning vlan <vlan-ids> | switchport trunk pruning vlan except <vlan-ids> | switchport trunk pruning vlan add <vlan-ids> | switchport trunk pruning vlan remove <vlan-ids> | switchport trunk pruning vlan none | switchport trunk pruning vlan all }

Syntax Description

no	Negate a command or set its defaults
switchport	Configure switchport parameters
trunk	Configure trunking parameters on an interface
pruning	Set pruning VLAN characteristics when interface is in trunking mode
vlan	Enter VLANs
add	add VLANs to the current list
remove	remove VLANs from the current list
except	all VLANs except the following
none	no VLANs
all	all VLANs
vlan-ids	(Optional) Enter VLANs

Command Mode

- /exec/configure/if-switching

switchport virtual-ethernet-bridge

switchport virtual-ethernet-bridge | no switchport virtual-ethernet-bridge

Syntax Description

no	Negate a command or set its defaults
switchport	Configure switchport parameters
virtual-ethernet-bridge	Enable hair-pin forwarding

Command Mode

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

switchport vlan mapping

[no] switchport vlan mapping <vlan-id-orig> [inner <vlan-id-inner>] <vlan-id-translated>

Syntax Description

no	(Optional) Negate a command or set its defaults
switchport	Configure switchport parameters
vlan	Set VLAN translation mapping
mapping	VLAN translation mapping
vlan-id-orig	VLAN ID 1-3967
inner	(Optional) inner vlanid
vlan-id-inner	(Optional) Inner VLAN ID
vlan-id-translated	Translated VLAN ID

Command Mode

- /exec/configure/if-ethernet-switch /exec/configure/if-ethernet-p2p-switch
/exec/configure/if-remote-ethernet-switch /exec/configure/if-ethernet-all
/exec/configure/if-eth-port-channel-switch

switchport vlan mapping all

[no] switchport vlan mapping all

Syntax Description

no	Negate a command or set its defaults
switchport	Configure switchport parameters
vlan	Set VLAN translation mapping
mapping	VLAN translation mapping
all	all VLANs

Command Mode

- /exec/configure/if-ethernet-switch /exec/configure/if-ethernet-p2p-switch
/exec/configure/if-remote-ethernet-switch /exec/configure/if-ethernet-all
/exec/configure/if-eth-port-channel-switch

switchport vlan mapping all dot1q-tunnel

[no] switchport vlan mapping all dot1q-tunnel <vlan-id-translated>

Syntax Description

no	(Optional) Negate a command or set its defaults
switchport	Configure switchport parameters
vlan	Set VLAN translation mapping
mapping	VLAN translation mapping
all	all VLANs
dot1q-tunnel	selective dot1q-tunnel
vlan-id-translated	Translated VLAN ID

Command Mode

- /exec/configure/if-ethernet-switch /exec/configure/if-ethernet-p2p-switch
/exec/configure/if-remote-ethernet-switch /exec/configure/if-ethernet-all
/exec/configure/if-eth-port-channel-switch

switchport vlan mapping dot1q-tunnel

[no] switchport vlan mapping <vlan-id-orig2> dot1q-tunnel <vlan-id-translated>

Syntax Description

no	(Optional) Negate a command or set its defaults
switchport	Configure switchport parameters
vlan	Set VLAN translation mapping
mapping	VLAN translation mapping
vlan-id-orig2	VLAN ID 1-4094 or Vlan range(s): 1-5, 10 or 2-5,7-19 for Selective dot1q-tunnel
dot1q-tunnel	selective dot1q-tunnel
vlan-id-translated	Translated VLAN ID

Command Mode

- /exec/configure/if-ethernet-switch /exec/configure/if-ethernet-p2p-switch
/exec/configure/if-remote-ethernet-switch /exec/configure/if-ethernet-all
/exec/configure/if-eth-port-channel-switch

switchport vlan mapping dot1q-tunnel allowed-vlan

[no] switchport vlan mapping dot1q-tunnel allowed-vlan <vlan-id-list>

Syntax Description

no	(Optional) Negate a command or set its defaults
switchport	Configure switchport parameters
vlan	Set VLAN translation mapping
mapping	VLAN translation mapping
dot1q-tunnel	selective dot1q-tunnel
allowed-vlan	Set allowed VLAN characteristics when interface is in trunking mode
vlan-id-list	VLAN ID 1-4094 or range(s): 1-5, 10 or 2-5,7-19

Command Mode

- /exec/configure/if-ethernet-switch /exec/configure/if-ethernet-p2p-switch
/exec/configure/if-remote-ethernet-switch /exec/configure/if-ethernet-all
/exec/configure/if-eth-port-channel-switch

switchport vlan mapping enable

[no] switchport vlan mapping enable

Syntax Description

no	(Optional) Negate a command or set its defaults
switchport	Configure switchport parameters
vlan	Set VLAN translation mapping
mapping	VLAN translation mapping
enable	enable/disable VLAN translation

Command Mode

- /exec/configure/if-ethernet-switch /exec/configure/if-ethernet-p2p-switch
/exec/configure/if-remote-ethernet-switch /exec/configure/if-ethernet-all
/exec/configure/if-eth-port-channel-switch

switchto vdc

```
switchto vdc <e-vdc2> [ force ] [ bypass ] [ __readonly__ <vdc_id> <invalid_vdc_id> <noauth_vdc_id>
<no_first> ]
```

Syntax Description

switchto	Goto specific Virtual Device Context <vdc-name> <vdc-id>
vdc	Manage Virtual Device Context
e-vdc2	Enter Virtual Device Context <vdc-id>
__readonly__	(Optional) Read Only
force	THIS KEYWORD OR VARIABLE IS NOT SUPPORTED
vdc_id	(Optional) Enter Virtual Device Context <vdc-id>
invalid_vdc_id	(Optional) Enter Virtual Device Context <vdc-id>
noauth_vdc_id	(Optional) Enter Virtual Device Context <vdc-id>
no_first	(Optional) Enter Virtual Device Context <vdc-id>
bypass	THIS KEYWORD OR VARIABLE IS NOT SUPPORTED

Command Mode

- /exec/

sync-peers destination

sync-peers destination <dst-ip> [source <src-ip> | vrf <vrf-name>] + | no sync-peers destination [<dst-ip> [source <src-ip>]]

Syntax Description

no	Negate a command or set its defaults
sync-peers	Specify peers to whom configuration needs to be synced
destination	Specify destination ip address of peer switch
dst-ip	IPv4 address (A.B.C.D) of destination
source	THIS KEYWORD OR VARIABLE IS NOT SUPPORTED
src-ip	(Optional) IPv4 address (A.B.C.D) of source
vrf	THIS KEYWORD OR VARIABLE IS NOT SUPPORTED
vrf-name	(Optional) vrf to be used

Command Mode

- /exec/configure

system-mac

[no] system-mac <mac-addr>

Syntax Description

no	(Optional) Negate a command or set its defaults
system-mac	Mac Address
mac-addr	specify system mac address

Command Mode

- /exec/configure/if-eth-port-channel/ethernet-segment

system-mac

system-mac <sysmac> | no system-mac

Syntax Description

no	Negate a command or set its defaults
system-mac	Configure system mac address
sysmac	specify system mac address

Command Mode

- /exec/configure/vpc-domain

system-priority

system-priority <syspri> | no system-priority <syspri>

Syntax Description

no	Negate a command or set its defaults
system-priority	Configure system priority
syspri	specify system priority

Command Mode

- /exec/configure/vpc-domain

system

```
[no] system { default switchport { mode F | trunk mode1 { auto | off | on } } | delayed-traps { enable mode2
FX | timer <i0> } }
```

Syntax Description

no	(Optional) Negate a command or set its defaults
system	System configuration commands
default	Configure system default values
switchport	Configure default values for switchport attributes
mode	Enter the port mode
F	F system default port mode
trunk	Configure trunking parameters as a default
mode1	Configure trunking mode
auto	Autosense trunking
off	Disable trunking
on	Enable trunking
delayed-traps	Configure system delayed trap values
enable	Configure system delayed trap state
mode2	Configure system delayed trap state
FX	Configure system delayed trap state
timer	Configure system delayed trap timeout value
i0	Configure number of minutes

Command Mode

- /exec/configure

system auto-collect tech-support

system [no] auto-collect tech-support [timeout <time>]

Syntax Description

system	System management commands
no	(Optional) Negate a command or set its defaults
auto-collect	Auto collection of information
tech-support	Collect tech-support in case of service causing supervisor reset
timeout	(Optional) Collect tech-support timeout
time	(Optional) Timeout in seconds

Command Mode

- /exec

system cores

```
{ system cores { { <uri0> } | { <uri1> vrf <vrf-known-name> } } | no system cores [ { { <uri0> } | { <uri1>
vrf <vrf-known-name> } } ] }
```

Syntax Description

no	Negate a command or set its defaults
system	System configuration commands
cores	Copy cores to destination
uri0	Select destination filesystem
uri1	Select destination filesystem
vrf	Enter the vrf name
vrf-known-name	VRF name

Command Mode

- /exec/configure

system default interface-vlan autostate

[no] system default interface-vlan autostate

Syntax Description

no	(Optional) Negate a command or set its defaults
system	System configuration commands
interface-vlan	Configure interface-vlan
default	Configure system default values
autostate	Enable or disable autostate for entire system

Command Mode

- /exec/configure

system default interface

```
{ system default interface { congestion { timeout <i0> mode { core | edge } | mode { core | edge } } | pause
{ timeout <i1> mode1 { core | edge } | mode1 { core | edge } } } | no system default interface { congestion {
timeout <i0> mode { core | edge } | mode { core | edge } } | pause { timeout <i1> mode1 { core | edge } |
mode1 { core | edge } } } }
```

Syntax Description

no	Negate a command or set its defaults
system	System configuration commands
default	Configure system default values
interface	Configure system default interface values
congestion	Configure system timeout values for congestion drop
pause	Configure system timeout values for pause frame
timeout	Configure system timeout values
i0	Configure number of milliseconds
i1	Configure number of milliseconds
mode	Configure mode
mode1	Configure mode
core	Enter the port type
edge	Enter the port type

Command Mode

- /exec/configure

system default interface

```
{ system default interface { congestion { timeout <i0> mode { core | edge } | mode { core | edge } } | pause
{ timeout <i1> mode1 { core | edge } | mode1 { core | edge } } } | no system default interface { congestion {
timeout <i0> mode { core | edge } | mode { core | edge } } | pause { timeout <i1> mode1 { core | edge } |
mode1 { core | edge } } } }
```

Syntax Description

no	Negate a command or set its defaults
system	System configuration commands
default	Configure system default values
interface	Configure system default interface values
congestion	Configure system timeout values for congestion drop
pause	Configure system timeout values for pause frame
timeout	Configure system timeout values
i0	Configure number of milliseconds
i1	Configure number of milliseconds
mode	Configure mode
mode1	Configure mode
core	Enter the port type
edge	Enter the port type

Command Mode

- /exec/configure

system default switchport

{ [no] system default switchport }

Syntax Description

no	(Optional) Negate a command or set its defaults
system	System configuration commands
default	Configure system default values
switchport	Configure switchport

Command Mode

- /exec/configure

system default switchport fabricpath

{ system default switchport fabricpath | no system default switchport fabricpath }

Syntax Description

no	Negate a command or set its defaults
system	System configuration commands
default	Configure system default values
switchport	Configure switchport
fabricpath	Configure default port mode as fabricpath

Command Mode

- /exec/configure

system default switchport shutdown

{ [no] system default switchport shutdown }

Syntax Description

no	(Optional) Negate a command or set its defaults
system	System configuration commands
default	Configure system default values
switchport	Configure switchport
shutdown	Configure admin state

Command Mode

- /exec/configure

system default tx-credit double-queue

[no] system default tx-credit double-queue

Syntax Description

no	(Optional) Negate a command or set its defaults
system	System configuration commands
default	Configure system default values
tx-credit	Configure default values for tx credit queue type
double-queue	Configure tx credit queue as double queue

Command Mode

- /exec/configure

system fabric-mode full-rate

[no] system fabric-mode full-rate

Syntax Description

no	(Optional) Negate a command or set its defaults
system	System Management Commands
fabric-mode	Configure the operating mode of the fabrics
full-rate	Operates fabrics in Full Rate Mode

Command Mode

- /exec/configure

system fabric core-vlans

{ system fabric core-vlans <id> | no system fabric core-vlans }

Syntax Description

no	Negate a command or set its defaults
system	System management commands
fabric	Manage fabric dynamic vlan ranges
core-vlans	Configure the dynamic core vlan range
id	VLAN ID 1-4094 or range(s): 1-5, 10 or 2-5,7-19

Command Mode

- /exec/configure

system fabric dynamic-vlans

{ system fabric dynamic-vlans <id> | no system fabric dynamic-vlans }

Syntax Description

no	Negate a command or set its defaults
system	System management commands
fabric	Manage fabric dynamic vlan ranges
dynamic-vlans	Configure the dynamic server and core vlan range
id	VLAN ID 1-4094 or range(s): 1-5, 10 or 2-5,7-19

Command Mode

- /exec/configure

system fast-reload stabilization-timer

{ system fast-reload stabilization-timer <time> | no system fast-reload stabilization-timer }

Syntax Description

no	Negate a command or set its defaults
system	System management commands
fast-reload	fast-reload software
stabilization-timer	Network stabilization time in seconds before fast-reload can be executed after the previous reload
time	time in secs

Command Mode

- /exec/configure

system hap-reset

system hap-reset

Syntax Description

system	System management commands
hap-reset	enables resetting of local or remote sup on ha failures

Command Mode

- /exec

system hap-reset

system no hap-reset

Syntax Description

system	System management commands
no	Negate a command or set its defaults
hap-reset	enables resetting of local or remote sup on ha failures

Command Mode

- /exec

system health check bootflash

system health check bootflash [fix-errors]

Syntax Description

system	System management commands
health	system health exec commands
check	run consistency check on compact flash
bootflash	check internal bootflash
fix-errors	(Optional) fix bootflash errors

Command Mode

- /exec

system heartbeat

system no heartbeat

Syntax Description

system	System management commands
no	Negate a command or set its defaults
heartbeat	enables heartbeat

Command Mode

- /exec

system heartbeat

system heartbeat

Syntax Description

system	System management commands
heartbeat	enables heartbeat

Command Mode

- /exec

system high-multicast-priority

[no] system high-multicast-priority

Syntax Description

no	(Optional) Negate a command or set its defaults
system	System Management Commands
high-multicast-priority	high priority to multicast

Command Mode

- /exec/configure

system interface shutdown

[no] system interface shutdown [exclude fex-fabric]

Syntax Description

no	(Optional) Negate a command or set its defaults
system	System configuration commands
interface	Configure system interface config
shutdown	Configure interface shutdown
exclude	(Optional) exclude
fex-fabric	(Optional) fex-fabric

Command Mode

- /exec/configure

system jumbomtu

```
{ system jumbomtu <mtu> | no system jumbomtu [ <mtu> ] }
```

Syntax Description

no	Negate a command or set its defaults
system	System configuration commands
jumbomtu	Configure system jumbomtu
mtu	Enter jumbomtu

Command Mode

- /exec/configure

system login block-for

[no] system login block-for

Syntax Description

no	Negate a command or set its defaults
system	System configuration commands
login	Enable secure login checking
block-for	Set quiet-mode active time period

Command Mode

- /exec/configure

system login block-for attempts within

system login block-for <i1> attempts <i2> within <i3>

Syntax Description

system	System configuration commands
login	Enable secure login checking
block-for	Set quiet-mode active time period
i1	Time period in seconds
attempts	Set max number of fail attempts
i2	Fail attempts max value
within	Watch period for fail attempts
i3	Time period in seconds

Command Mode

- /exec/configure

system login quiet-mode

[no] system login quiet-mode

Syntax Description

no	Negate a command or set its defaults
system	System configuration commands
login	Enable secure login checking
quiet-mode	Set quiet-mode options

Command Mode

- /exec/configure

system login quiet-mode access-class

system login quiet-mode access-class <access-list>

Syntax Description

system	System configuration commands
login	Enable secure login checking
quiet-mode	Set quiet-mode options
access-class	Set access class
access-list	Access-list name

Command Mode

- /exec/configure

system memory-thresholds minor severe critical

[no] system memory-thresholds minor <minor> severe <severe> critical <crit>

Syntax Description

no	(Optional) Negate a command or set its defaults
system	System configuration commands
memory-thresholds	Set memory thresholds on the card
minor	enter minor threshold
minor	please enter minor memory threshold as % memory
severe	enter severe treshold
severe	please enter severe memory threshold as % memory
critical	enter critical treshold
crit	please enter critical memory threshold as % memory

Command Mode

- /exec/configure

system mode maintenance

[no] system mode maintenance [dont-generate-profile] [non-interactive] | system mode maintenance [dont-generate-profile | shutdown] [non-interactive]

Syntax Description

no	Negate a command or set its defaults
system	System configuration commands
mode	system mode commands
maintenance	system maintenance mode
dont-generate-profile	(Optional) do not generate the maintenance/normal-mode profile
shutdown	(Optional) issue shutdown instead of isolate (default)
non-interactive	(Optional) do operation non interactively in background

Command Mode

- /exec/configure

system mode maintenance always-use-custom-profile

[no] system mode maintenance always-use-custom-profile

Syntax Description

no	(Optional) Negate a command or set its defaults
system	System configuration commands
mode	system mode commands
maintenance	system maintenance mode
always-use-custom-profile	always use custom profile when entering maintenance mode

Command Mode

- /exec/configure

system mode maintenance maint-delay

[no] system mode maintenance maint-delay <delay-value>

Syntax Description

no	(Optional) Negate a command or set its defaults
system	System configuration commands
mode	system mode commands
maintenance	system maintenance mode
maint-delay	delay to allow protocol reroute before releasing CLI
delay-value	delay value in seconds

Command Mode

- /exec/configure

system mode maintenance on-reload reset-reason

[no] system mode maintenance on-reload reset-reason <reason>

Syntax Description

no	(Optional) Negate a command or set its defaults
system	System configuration commands
mode	system mode commands
maintenance	system maintenance mode
on-reload	on reload maintenance mode configuration
reset-reason	reset reason
reason	

Command Mode

- /exec/configure

system mode maintenance snapshot-delay

[no] system mode maintenance snapshot-delay <delay-value>

Syntax Description

no	(Optional) Negate a command or set its defaults
system	System configuration commands
mode	system mode commands
maintenance	system maintenance mode
snapshot-delay	delay after which after_maintenance snapshot will be taken
delay-value	delay value in seconds

Command Mode

- /exec/configure

system mode maintenance timeout

[no] system mode maintenance timeout <timer-value>

Syntax Description

no	(Optional) Negate a command or set its defaults
system	System configuration commands
mode	system mode commands
maintenance	system maintenance mode
timeout	restart maintenance mode timer with a new value
timer-value	timer value in minutes

Command Mode

- /exec/configure

system modifications throttle

[no] system modifications { throttle | permit }

Syntax Description

no	(Optional) Negate a command or set its defaults
system	Controls what NXSDK is allowed to do to the system
modifications	Actions that change the state of the system
throttle	Throttle all write API calls
permit	Permit all write API calls

Command Mode

- /exec/configure/nxsdk-profile

system module failure-action shutdown

[no] system module failure-action shutdown

Syntax Description

no	(Optional) Negate a command or set its defaults
system	system Internal Information
module	module commands
failure-action	Configure module action on failure
shutdown	action on failure - shutdown

Command Mode

- /exec/configure

system module failure-action shutdown multibit-parity

[no] system module failure-action shutdown multibit-parity

Syntax Description

no	(Optional) Negate a command or set its defaults
system	system Internal Information
module	module commands
failure-action	Configure module action on failure
shutdown	action on failure - shutdown
multibit-parity	Shutdown module if two or more bits parity error is detected

Command Mode

- /exec/configure

system poap

system no poap

Syntax Description

system	System management commands
no	Negate a command or set its defaults
poap	This will set a boot flag, that will allow disabling POAP permanently even when the system starts with no configuration

Command Mode

- /exec

system poap

system poap

Syntax Description

system	System management commands
poap	Re-enable POAP on every write erase+reload

Command Mode

- /exec

system private-vlan fex trunk

[no] system private-vlan fex trunk

Syntax Description

no	(Optional) Negate a command or set its defaults
system	System configuration commands
private-vlan	Configure Private VLANs
fex	Configure PVLANS on FEX Host Interface
trunk	Configure PVLANS on FEX Trunk Ports

Command Mode

- /exec/configure

system pss shrink

system pss shrink

Syntax Description

system	System management commands
pss	PSS commands
shrink	shrink pss files

Command Mode

- /exec

system qos

system qos

Syntax Description

system	System management commands
qos	QoS parameters

Command Mode

- /exec/configure

system security compliance common-criteria

[no] system security compliance common-criteria

Syntax Description

no	(Optional) Negate a command or set its defaults
system	System Management commands
security	Security Management commands
compliance	Compliant with the mode configured
common-criteria	Enable/Disable common-criteria mode

Command Mode

- /exec/configure

system security sudo prompt-password

[no] system security sudo prompt-password

Syntax Description

no	(Optional) Negate a command or set its defaults
system	System Management commands
security	Security Management commands
sudo	sudoers related commands
prompt-password	Prompt for password when sudo is used

Command Mode

- /exec/configure

system shutdown fan-direction mismatch

system shutdown fan-direction mismatch | no system shutdown fan-direction mismatch

Syntax Description

no	Negate a command or set its defaults
system	System management commands
shutdown	Shutdown management commands
fan-direction	Fan-direction check
mismatch	Mismatch in check

Command Mode

- /exec/configure

system standby manual-boot

system no standby manual-boot

Syntax Description

system	System management commands
no	Negate a command or set its defaults
standby	System standby manual boot
manual-boot	No action taken to force-download standby sup

Command Mode

- /exec

system standby manual-boot

system standby manual-boot

Syntax Description

system	System management commands
standby	System standby management commands
manual-boot	No action taken to force-download standby sup

Command Mode

- /exec

system startup-config init

system startup-config init

Syntax Description

system	System management commands
startup-config	System startup-config commands
init	Initialize the startup-configuration

Command Mode

- /exec

system startup-config unlock

system startup-config unlock <i0>

Syntax Description

system	System management commands
startup-config	System startup-config commands
unlock	Unlock startup-config
i0	Startup-config lock id

Command Mode

- /exec

system statistics

system statistics

Syntax Description

system	System management commands
statistics	enables sysmgr statistics

Command Mode

- /exec

system statistics

system no statistics

Syntax Description

system	System management commands
no	Negate a command or set its defaults
statistics	disable the sysmgr statistics

Command Mode

- /exec

system switch-mode

system switch-mode { <mode> }

Syntax Description

system	System management commands
switch-mode	change switch operational mode
mode	switch mode

Command Mode

- /exec/configure

system switchover

system switchover

Syntax Description

system	System management commands
switchover	Switch over to the standby supervisor

Command Mode

- /exec

system timeout

```
{ system timeout { congestion-drop { <i0> mode <port_mode> | default mode <port_mode> } | no-credit-drop
{ <i1> mode1 <port_mode1> | default mode1 <port_mode1> } } | no system timeout no-credit-drop mode1
<port_mode1> }
```

Syntax Description

no	Negate a command or set its defaults
system	System configuration commands
timeout	Configure system timeout values
congestion-drop	Configure system timeout values for congestion drop
i0	Configure number of milliseconds
default	Default timeout value for congestion-drop
mode	Enter the port mode
port_mode	Port mode
no-credit-drop	Configure system timeout values for no credit drop
i1	Configure number of milliseconds
default	Default timeout value for no-credit-drop
mode1	Enter the port mode
port_mode1	Port mode

Command Mode

- /exec/configure

system trace

```
{ system trace <i0> | no system trace [ <i0> ] }
```

Syntax Description

no	Negate a command or set its defaults
system	System configuration commands
trace	To configure system trace level
i0	Select the mask

Command Mode

- /exec/configure

system urpf disable

[no] system urpf disable

Syntax Description

no	(Optional) Negate a command or set its defaults
system	System Management Commands
urpf	Manage urpf enable/disable
disable	disable

Command Mode

- /exec/configure

system vlan long-name

[no] system vlan long-name

Syntax Description

no	(Optional) Negate a command or set its defaults
system	System management commands
vlan	Vlan commands
long-name	Configure 128 character VLAN names

Command Mode

- /exec/configure

system vlan nve-overlay id

[no] system vlan nve-overlay id [<vrangle>] | system vlan nve-overlay id <vrangle>

Syntax Description

no	Negate a command or set its defaults
system	System management commands
vlan	Vlan commands
nve-overlay	nve overlay vlan
id	VLAN ID
vrangle	(Optional) VLAN ID 1-4094 or range(s): 1-5, 10 or 2-5,7-19

Command Mode

- /exec/configure

system vlan reserve

system vlan <start-val> reserve | no system vlan <start-val> reserve

Syntax Description

system	system wide configuration
no	Select default reserved vlans group vlan 3968-4094
vlan	Vlan commands
start-val	minimum VLANs value
reserve	reservation

Command Mode

- /exec/configure

system vrf-member-change retain-l3-config

[no] system vrf-member-change retain-l3-config

Syntax Description

no	(Optional) Negate a command or set its defaults
system	System management commands
vrf-member-change	vrf member change
retain-l3-config	retain L3 configuration

Command Mode

- /exec/configure

system watchdog

system watchdog

Syntax Description

system	System management commands
watchdog	enables watchdog

Command Mode

- /exec

system watchdog

system no watchdog

Syntax Description

system	System management commands
no	Negate a command or set its defaults
watchdog	enables watchdog

Command Mode

- /exec

system watchdog kgdb

system no watchdog kgdb

Syntax Description

system	System management commands
no	Negate a command or set its defaults
watchdog	enables watchdog
kgdb	enter kgdb on watchdog failure

Command Mode

- /exec

system watchdog kgdb

system watchdog kgdb

Syntax Description

system	System management commands
watchdog	enables watchdog
kgdb	enter kgdb on watchdog failure

Command Mode

- /exec