



S Commands

- [sak-expiry-time](#), on page 22
- [sampling-rate](#), on page 23
- [scale-profile](#), on page 25
- [schedule](#), on page 26
- [scheduler](#), on page 27
- [scheduling](#), on page 28
- [scope](#), on page 29
- [scvmm](#), on page 31
- [second-file](#), on page 32
- [security-domain](#), on page 33
- [security-mode](#), on page 34
- [security-policy](#), on page 35
- [security](#), on page 36
- [security allow-promiscuous](#), on page 37
- [security forged-transmits](#), on page 38
- [security mac-changes](#), on page 39
- [send-community](#), on page 40
- [server-group](#), on page 41
- [server-mode](#), on page 42
- [server-monitoring](#), on page 43
- [server](#), on page 45
- [service-function-profile](#), on page 48
- [service-policy](#), on page 49
- [service-policy type data-plane](#), on page 53
- [service-policy type qos](#), on page 54
- [service](#), on page 55
- [session-record-flags](#), on page 56
- [set](#), on page 57
- [set addcommunity](#), on page 60
- [set as-path prepend-last-as](#), on page 65
- [set as-path prepend](#), on page 69
- [set burst](#), on page 73
- [set cir](#), on page 74

- [set community, on page 75](#)
- [set conform-cos-transmit, on page 81](#)
- [set conform-dscp-transmit, on page 82](#)
- [set conform, on page 83](#)
- [set dampening, on page 84](#)
- [set dscp-code, on page 89](#)
- [set dscp, on page 90](#)
- [set exceed-cos-transmit, on page 91](#)
- [set exceed-dscp-transmit, on page 92](#)
- [set exceed, on page 93](#)
- [set excessive-burst, on page 94](#)
- [set local-preference, on page 95](#)
- [set mac-auth, on page 99](#)
- [set max-reauth-request, on page 100](#)
- [set max-request, on page 101](#)
- [set metric-type, on page 102](#)
- [set metric, on page 106](#)
- [set mode, on page 110](#)
- [set next-hop, on page 111](#)
- [set pir, on page 115](#)
- [set qos-class, on page 116](#)
- [set reauth-period, on page 118](#)
- [set reauth, on page 119](#)
- [set server-timeout, on page 120](#)
- [set sharing-mode, on page 121](#)
- [set supp-timeout, on page 122](#)
- [set tag, on page 123](#)
- [set target-dscp, on page 127](#)
- [set tx-period, on page 128](#)
- [set type, on page 129](#)
- [set violate-cos-transmit, on page 130](#)
- [set violate-dscp-transmit, on page 131](#)
- [set violate, on page 132](#)
- [set weight, on page 133](#)
- [shellinabox, on page 137](#)
- [show aaa authentication, on page 138](#)
- [show aaa groups, on page 139](#)
- [show aaa sessions, on page 140](#)
- [show access-list, on page 141](#)
- [show accounting log, on page 142](#)
- [show acllog deny l2 flow, on page 143](#)
- [show acllog deny l2 flow tenant vrf, on page 144](#)
- [show acllog deny l2 flow tenant vrf detail, on page 145](#)
- [show acllog deny l2 pkt, on page 146](#)
- [show acllog deny l2 pkt tenant vrf, on page 147](#)
- [show acllog deny l2 pkt tenant vrf detail, on page 148](#)

- [show aclog deny l3 flow](#), on page 149
- [show aclog deny l3 flow tenant vrf](#), on page 150
- [show aclog deny l3 flow tenant vrf detail](#), on page 151
- [show aclog deny l3 pkt](#), on page 153
- [show aclog deny l3 pkt tenant vrf](#), on page 154
- [show aclog deny l3 pkt tenant vrf detail](#), on page 155
- [show aclog permit l2 flow tenant vrf](#), on page 157
- [show aclog permit l2 flow tenant vrf detail](#), on page 158
- [show aclog permit l2 pkt tenant vrf](#), on page 159
- [show aclog permit l2 pkt tenant vrf detail](#), on page 160
- [show aclog permit l3 flow tenant vrf](#), on page 161
- [show aclog permit l3 flow tenant vrf detail](#), on page 162
- [show aclog permit l3 pkt tenant vrf](#), on page 164
- [show aclog permit l3 pkt tenant vrf detail](#), on page 165
- [show analytics](#), on page 167
- [show application](#), on page 168
- [show audits](#), on page 169
- [show audits tenant](#), on page 170
- [show audits tenant application](#), on page 171
- [show audits tenant application epg](#), on page 172
- [show audits tenant bridge-domain](#), on page 173
- [show audits tenant bridge-domain detail](#), on page 174
- [show audits tenant bridge-domain first-hop-security binding-table](#), on page 175
- [show audits tenant bridge-domain first-hop-security statistics arp](#), on page 176
- [show audits tenant bridge-domain first-hop-security statistics dhcpv4](#), on page 177
- [show audits tenant bridge-domain first-hop-security statistics dhcpv6](#), on page 178
- [show audits tenant bridge-domain first-hop-security statistics neighbor-discovery](#), on page 179
- [show audits tenant dnsservergroup](#), on page 180
- [show audits tenant dnsservergroup server](#), on page 181
- [show audits tenant dnsservergroup server domain](#), on page 182
- [show audits tenant interface bridge-domain](#), on page 183
- [show audits tenant interface bridge-domain detail](#), on page 184
- [show audits tenant interface bridge-domain first-hop-security binding-table](#), on page 185
- [show audits tenant interface bridge-domain first-hop-security statistics arp](#), on page 186
- [show audits tenant interface bridge-domain first-hop-security statistics dhcpv4](#), on page 187
- [show audits tenant interface bridge-domain first-hop-security statistics dhcpv6](#), on page 188
- [show audits tenant interface bridge-domain first-hop-security statistics neighbor-discovery](#), on page 189
- [show audits tenant multicast-route-maps](#), on page 190
- [show audits tenant vrf](#), on page 191
- [show audits tenant vrf aclog l2](#), on page 192
- [show audits tenant vrf aclog l3](#), on page 193
- [show audits tenant vrf detail](#), on page 195
- [show audits tenant vrf external-l3 bgp](#), on page 196
- [show audits tenant vrf external-l3 bgp node](#), on page 197
- [show audits tenant vrf external-l3 eigrp](#), on page 198
- [show audits tenant vrf external-l3 eigrp detail](#), on page 199

- [show audits tenant vrf external-l3 epg](#), on page 200
- [show audits tenant vrf external-l3 epg detail](#), on page 201
- [show audits tenant vrf external-l3 epg name](#), on page 202
- [show audits tenant vrf external-l3 epg name detail](#), on page 203
- [show audits tenant vrf external-l3 interfaces](#), on page 204
- [show audits tenant vrf external-l3 interfaces detail](#), on page 205
- [show audits tenant vrf external-l3 ospf](#), on page 206
- [show audits tenant vrf external-l3 ospf detail](#), on page 207
- [show audits tenant vrf external-l3 scale](#), on page 208
- [show audits tenant vrf external-l3 scale detail](#), on page 209
- [show audits tenant vrf external-l3 static-route](#), on page 210
- [show audits tenant vrf external-l3 static-route detail](#), on page 211
- [show audits tenant vrf external-l3 static-route node](#), on page 212
- [show audits tenant vrf external-l3 static-route node detail](#), on page 213
- [show audits tenant vrf multicast](#), on page 214
- [show bridge-domain](#), on page 215
- [show bridge-domain detail](#), on page 216
- [show bridge-domain first-hop-security binding-table](#), on page 217
- [show bridge-domain first-hop-security statistics arp](#), on page 218
- [show bridge-domain first-hop-security statistics dhcpv4](#), on page 219
- [show bridge-domain first-hop-security statistics dhcpv6](#), on page 220
- [show bridge-domain first-hop-security statistics neighbor-discovery](#), on page 221
- [show callhome](#), on page 222
- [show callhome common destination-profile](#), on page 223
- [show callhome common query-profile](#), on page 224
- [show callhome common transport-email](#), on page 225
- [show catalog](#), on page 226
- [show cli command](#), on page 227
- [show cli list](#), on page 228
- [show cli manpage](#), on page 229
- [show cli path](#), on page 230
- [show clock](#), on page 231
- [show communication ciphers](#), on page 232
- [show communication controller](#), on page 233
- [show communication http](#), on page 234
- [show communication https](#), on page 235
- [show communication shellinbox](#), on page 236
- [show communication ssh-service](#), on page 237
- [show communication telnet](#), on page 238
- [show communication web-requests](#), on page 239
- [show contract-type](#), on page 240
- [show contract](#), on page 241
- [show controller](#), on page 242
- [show controller detail](#), on page 243
- [show cores](#), on page 244
- [show cores status](#), on page 245

- [show debug counter](#), on page 246
- [show debug log](#), on page 247
- [show deployment endpoint node](#), on page 248
- [show dns-address](#), on page 249
- [show dns-domain](#), on page 250
- [show dot1q-tunnel](#), on page 251
- [show dwdm interface](#), on page 252
- [show endpoints](#), on page 253
- [show endpoints leaf interface ethernet](#), on page 254
- [show endpoints leaf interface port-channel](#), on page 255
- [show endpoints vpc](#), on page 256
- [show epg](#), on page 257
- [show epg detail](#), on page 258
- [show events](#), on page 259
- [show events controller](#), on page 260
- [show events controller detail](#), on page 261
- [show events leaf](#), on page 262
- [show events leaf fex](#), on page 263
- [show events leaf fex module](#), on page 264
- [show events leaf interface ethernet](#), on page 265
- [show events leaf interface fc](#), on page 266
- [show events leaf interface fcportchannel](#), on page 267
- [show events leaf interface l3instance](#), on page 268
- [show events leaf interface mgmt](#), on page 269
- [show events leaf interface portchannel](#), on page 270
- [show events leaf interface tunnel](#), on page 271
- [show events leaf interface vethernet](#), on page 272
- [show events leaf inventory chassis](#), on page 273
- [show events leaf inventory fans](#), on page 274
- [show events leaf inventory module](#), on page 275
- [show events leaf inventory module fabricport](#), on page 276
- [show events leaf inventory module leafport](#), on page 277
- [show events leaf inventory powersupply](#), on page 278
- [show events leaf inventory supervisor](#), on page 279
- [show events leaf protocol](#), on page 280
- [show events leaf vpc](#), on page 281
- [show events leaf vrf](#), on page 282
- [show events spine](#), on page 283
- [show events spine interface ethernet](#), on page 284
- [show events spine interface l3instance](#), on page 285
- [show events spine interface mgmt](#), on page 286
- [show events spine interface tunnel](#), on page 287
- [show events spine inventory chassis](#), on page 288
- [show events spine inventory fabric](#), on page 289
- [show events spine inventory fans](#), on page 290
- [show events spine inventory module](#), on page 291

- [show events spine inventory module fabricport](#), on page 292
- [show events spine inventory powersupply](#), on page 293
- [show events spine inventory supervisor](#), on page 294
- [show events spine inventory system](#), on page 295
- [show events spine protocol](#), on page 296
- [show events spine vrf](#), on page 297
- [show events tenant](#), on page 298
- [show events tenant application](#), on page 299
- [show events tenant application epg](#), on page 300
- [show events tenant bridge-domain](#), on page 301
- [show events tenant bridge-domain detail](#), on page 302
- [show events tenant bridge-domain first-hop-security binding-table](#), on page 303
- [show events tenant bridge-domain first-hop-security statistics arp](#), on page 304
- [show events tenant bridge-domain first-hop-security statistics dhcpv4](#), on page 305
- [show events tenant bridge-domain first-hop-security statistics dhcpv6](#), on page 306
- [show events tenant bridge-domain first-hop-security statistics neighbor-discovery](#), on page 307
- [show events tenant dnsservergroup](#), on page 308
- [show events tenant dnsservergroup server](#), on page 309
- [show events tenant dnsservergroup server domain](#), on page 310
- [show events tenant endpoints](#), on page 311
- [show events tenant endpoints leaf interface ethernet](#), on page 312
- [show events tenant endpoints leaf interface port-channel](#), on page 313
- [show events tenant endpoints vpc](#), on page 314
- [show events tenant interface bridge-domain](#), on page 315
- [show events tenant interface bridge-domain detail](#), on page 316
- [show events tenant interface bridge-domain first-hop-security binding-table](#), on page 317
- [show events tenant interface bridge-domain first-hop-security statistics arp](#), on page 318
- [show events tenant interface bridge-domain first-hop-security statistics dhcpv4](#), on page 319
- [show events tenant interface bridge-domain first-hop-security statistics dhcpv6](#), on page 320
- [show events tenant interface bridge-domain first-hop-security statistics neighbor-discovery](#), on page 321
- [show events tenant multicast-route-maps](#), on page 322
- [show events tenant vrf](#), on page 323
- [show events tenant vrf acllog l2](#), on page 324
- [show events tenant vrf acllog l3](#), on page 325
- [show events tenant vrf detail](#), on page 327
- [show events tenant vrf external-l3 bgp](#), on page 328
- [show events tenant vrf external-l3 bgp node](#), on page 329
- [show events tenant vrf external-l3 eigrp](#), on page 330
- [show events tenant vrf external-l3 eigrp detail](#), on page 331
- [show events tenant vrf external-l3 epg](#), on page 332
- [show events tenant vrf external-l3 epg detail](#), on page 333
- [show events tenant vrf external-l3 epg name](#), on page 334
- [show events tenant vrf external-l3 epg name detail](#), on page 335
- [show events tenant vrf external-l3 interfaces](#), on page 336
- [show events tenant vrf external-l3 interfaces detail](#), on page 337
- [show events tenant vrf external-l3 ospf](#), on page 338

- [show events tenant vrf external-l3 ospf detail](#), on page 339
- [show events tenant vrf external-l3 route-map](#), on page 340
- [show events tenant vrf external-l3 route-map detail](#), on page 341
- [show events tenant vrf external-l3 scale](#), on page 342
- [show events tenant vrf external-l3 scale detail](#), on page 343
- [show events tenant vrf external-l3 static-route](#), on page 344
- [show events tenant vrf external-l3 static-route detail](#), on page 345
- [show events tenant vrf external-l3 static-route node](#), on page 346
- [show events tenant vrf external-l3 static-route node detail](#), on page 347
- [show events tenant vrf multicast](#), on page 348
- [show external-l2 epg](#), on page 349
- [show external-l2 epg name](#), on page 350
- [show external-l2 epg tenant](#), on page 351
- [show external-l3 bgp](#), on page 352
- [show external-l3 bgp tenant](#), on page 353
- [show external-l3 bgp tenant vrf](#), on page 354
- [show external-l3 bgp tenant vrf node](#), on page 355
- [show external-l3 eigrp](#), on page 356
- [show external-l3 eigrp detail](#), on page 357
- [show external-l3 eigrp node](#), on page 358
- [show external-l3 eigrp node detail](#), on page 359
- [show external-l3 eigrp tenant](#), on page 360
- [show external-l3 eigrp tenant detail](#), on page 361
- [show external-l3 eigrp tenant vrf](#), on page 362
- [show external-l3 eigrp tenant vrf detail](#), on page 363
- [show external-l3 eigrp tenant vrf node](#), on page 364
- [show external-l3 eigrp tenant vrf node detail](#), on page 365
- [show external-l3 epg](#), on page 366
- [show external-l3 epg detail](#), on page 367
- [show external-l3 epg name](#), on page 368
- [show external-l3 epg name detail](#), on page 369
- [show external-l3 epg tenant](#), on page 370
- [show external-l3 epg tenant detail](#), on page 371
- [show external-l3 epg tenant vrf](#), on page 372
- [show external-l3 epg tenant vrf detail](#), on page 373
- [show external-l3 interfaces](#), on page 374
- [show external-l3 interfaces detail](#), on page 375
- [show external-l3 interfaces node](#), on page 376
- [show external-l3 interfaces node detail](#), on page 377
- [show external-l3 interfaces tenant](#), on page 378
- [show external-l3 interfaces tenant detail](#), on page 379
- [show external-l3 interfaces tenant vrf](#), on page 380
- [show external-l3 interfaces tenant vrf detail](#), on page 381
- [show external-l3 interfaces tenant vrf node](#), on page 382
- [show external-l3 interfaces tenant vrf node detail](#), on page 383
- [show external-l3 ospf](#), on page 384

- [show external-l3 ospf detail](#), on page 385
- [show external-l3 ospf node](#), on page 386
- [show external-l3 ospf node detail](#), on page 387
- [show external-l3 ospf tenant](#), on page 388
- [show external-l3 ospf tenant detail](#), on page 389
- [show external-l3 ospf tenant vrf](#), on page 390
- [show external-l3 ospf tenant vrf detail](#), on page 391
- [show external-l3 ospf tenant vrf node](#), on page 392
- [show external-l3 ospf tenant vrf node detail](#), on page 393
- [show external-l3 route-map](#), on page 394
- [show external-l3 route-map detail](#), on page 395
- [show external-l3 route-map name](#), on page 396
- [show external-l3 route-map name detail](#), on page 397
- [show external-l3 route-map tenant](#), on page 398
- [show external-l3 route-map tenant detail](#), on page 399
- [show external-l3 route-map tenant vrf](#), on page 400
- [show external-l3 route-map tenant vrf detail](#), on page 401
- [show external-l3 route-map tenant vrf node](#), on page 402
- [show external-l3 route-map tenant vrf node detail](#), on page 403
- [show external-l3 scale](#), on page 404
- [show external-l3 scale detail](#), on page 405
- [show external-l3 scale node](#), on page 406
- [show external-l3 scale node detail](#), on page 407
- [show external-l3 scale tenant](#), on page 408
- [show external-l3 scale tenant detail](#), on page 409
- [show external-l3 scale tenant vrf](#), on page 410
- [show external-l3 scale tenant vrf detail](#), on page 411
- [show external-l3 scale tenant vrf node](#), on page 412
- [show external-l3 scale tenant vrf node detail](#), on page 413
- [show external-l3 static-route](#), on page 414
- [show external-l3 static-route detail](#), on page 415
- [show external-l3 static-route node](#), on page 416
- [show external-l3 static-route node detail](#), on page 417
- [show external-l3 static-route tenant](#), on page 418
- [show external-l3 static-route tenant detail](#), on page 419
- [show external-l3 static-route tenant vrf](#), on page 420
- [show external-l3 static-route tenant vrf detail](#), on page 421
- [show external-l3 static-route tenant vrf node](#), on page 422
- [show external-l3 static-route tenant vrf node detail](#), on page 423
- [show fabric-recovery checker](#), on page 424
- [show fabric-recovery status](#), on page 425
- [show faults](#), on page 426
- [show faults controller](#), on page 427
- [show faults controller detail](#), on page 428
- [show faults l4l7-cluster](#), on page 429
- [show faults l4l7-graph](#), on page 430

- [show faults leaf](#), on page 431
- [show faults leaf fex](#), on page 432
- [show faults leaf fex module](#), on page 433
- [show faults leaf interface ethernet](#), on page 434
- [show faults leaf interface fc](#), on page 435
- [show faults leaf interface fcportchannel](#), on page 436
- [show faults leaf interface l3instance](#), on page 437
- [show faults leaf interface mgmt](#), on page 438
- [show faults leaf interface portchannel](#), on page 439
- [show faults leaf interface tunnel](#), on page 440
- [show faults leaf interface vethernet](#), on page 441
- [show faults leaf inventory chassis](#), on page 442
- [show faults leaf inventory fans](#), on page 443
- [show faults leaf inventory module](#), on page 444
- [show faults leaf inventory module fabricport](#), on page 445
- [show faults leaf inventory module leafport](#), on page 446
- [show faults leaf inventory powersupply](#), on page 447
- [show faults leaf inventory supervisor](#), on page 448
- [show faults leaf protocol](#), on page 449
- [show faults leaf vpc](#), on page 450
- [show faults leaf vrf](#), on page 451
- [show faults microsoft domain](#), on page 452
- [show faults microsoft domain name](#), on page 453
- [show faults microsoft domain name hyperv](#), on page 454
- [show faults microsoft domain name port-group](#), on page 455
- [show faults microsoft domain name scvmm](#), on page 456
- [show faults microsoft domain name vm](#), on page 457
- [show faults microsoft domain name vm name](#), on page 458
- [show faults quota](#), on page 459
- [show faults redhat domain](#), on page 460
- [show faults redhat domain name](#), on page 461
- [show faults redhat domain name epq](#), on page 462
- [show faults redhat domain name rhev](#), on page 463
- [show faults spine](#), on page 464
- [show faults spine interface ethernet](#), on page 465
- [show faults spine interface l3instance](#), on page 466
- [show faults spine interface mgmt](#), on page 467
- [show faults spine interface tunnel](#), on page 468
- [show faults spine inventory chassis](#), on page 469
- [show faults spine inventory fabric](#), on page 470
- [show faults spine inventory fans](#), on page 471
- [show faults spine inventory module](#), on page 472
- [show faults spine inventory module fabricport](#), on page 473
- [show faults spine inventory powersupply](#), on page 474
- [show faults spine inventory supervisor](#), on page 475
- [show faults spine inventory system](#), on page 476

- [show faults spine protocol](#), on page 477
- [show faults spine vrf](#), on page 478
- [show faults tenant](#), on page 479
- [show faults tenant application](#), on page 480
- [show faults tenant application epg](#), on page 481
- [show faults tenant bridge-domain](#), on page 482
- [show faults tenant bridge-domain detail](#), on page 483
- [show faults tenant bridge-domain first-hop-security binding-table](#), on page 484
- [show faults tenant bridge-domain first-hop-security statistics arp](#), on page 485
- [show faults tenant bridge-domain first-hop-security statistics dhcpv4](#), on page 486
- [show faults tenant bridge-domain first-hop-security statistics dhcpv6](#), on page 487
- [show faults tenant bridge-domain first-hop-security statistics neighbor-discovery](#), on page 488
- [show faults tenant dnsservergroup](#), on page 489
- [show faults tenant dnsservergroup server](#), on page 490
- [show faults tenant dnsservergroup server domain](#), on page 491
- [show faults tenant interface bridge-domain](#), on page 492
- [show faults tenant interface bridge-domain detail](#), on page 493
- [show faults tenant interface bridge-domain first-hop-security binding-table](#), on page 494
- [show faults tenant interface bridge-domain first-hop-security statistics arp](#), on page 495
- [show faults tenant interface bridge-domain first-hop-security statistics dhcpv4](#), on page 496
- [show faults tenant interface bridge-domain first-hop-security statistics dhcpv6](#), on page 497
- [show faults tenant interface bridge-domain first-hop-security statistics neighbor-discovery](#), on page 498
- [show faults tenant multicast-route-maps](#), on page 499
- [show faults tenant vrf](#), on page 500
- [show faults tenant vrf acllog l2](#), on page 501
- [show faults tenant vrf acllog l3](#), on page 502
- [show faults tenant vrf detail](#), on page 504
- [show faults tenant vrf external-l3 bgp](#), on page 505
- [show faults tenant vrf external-l3 bgp node](#), on page 506
- [show faults tenant vrf external-l3 eigrp](#), on page 507
- [show faults tenant vrf external-l3 eigrp detail](#), on page 508
- [show faults tenant vrf external-l3 epg](#), on page 509
- [show faults tenant vrf external-l3 epg detail](#), on page 510
- [show faults tenant vrf external-l3 epg name](#), on page 511
- [show faults tenant vrf external-l3 epg name detail](#), on page 512
- [show faults tenant vrf external-l3 interfaces](#), on page 513
- [show faults tenant vrf external-l3 interfaces detail](#), on page 514
- [show faults tenant vrf external-l3 ospf](#), on page 515
- [show faults tenant vrf external-l3 ospf detail](#), on page 516
- [show faults tenant vrf external-l3 scale](#), on page 517
- [show faults tenant vrf external-l3 scale detail](#), on page 518
- [show faults tenant vrf external-l3 static-route](#), on page 519
- [show faults tenant vrf external-l3 static-route detail](#), on page 520
- [show faults tenant vrf external-l3 static-route node](#), on page 521
- [show faults tenant vrf external-l3 static-route node detail](#), on page 522
- [show faults tenant vrf multicast](#), on page 523

- [show faults vmware domain](#), on page 524
- [show faults vmware domain name](#), on page 525
- [show faults vmware domain name epg](#), on page 526
- [show faults vmware domain name esx](#), on page 527
- [show faults vmware domain name port-group](#), on page 528
- [show faults vmware domain name trunk-portgroup](#), on page 529
- [show faults vmware domain name vcenter](#), on page 530
- [show faults vmware domain name vm](#), on page 531
- [show faults vmware domain name vm name](#), on page 532
- [show fips](#), on page 533
- [show fips status](#), on page 534
- [show firmware repository](#), on page 535
- [show firmware repository detail](#), on page 536
- [show firmware upgrade status](#), on page 537
- [show firmware upgrade status controller-group](#), on page 538
- [show firmware upgrade status controller-group detail](#), on page 539
- [show firmware upgrade status detail](#), on page 540
- [show firmware upgrade status switch-group](#), on page 541
- [show firmware upgrade status switch-group detail](#), on page 542
- [show flow exporter](#), on page 543
- [show flow exporter infra](#), on page 544
- [show flow exporter tenant](#), on page 545
- [show flow monitor](#), on page 546
- [show flow monitor infra](#), on page 547
- [show flow monitor tenant](#), on page 548
- [show flow node-policy](#), on page 549
- [show flow node-policy detail](#), on page 550
- [show flow record](#), on page 551
- [show flow record infra](#), on page 552
- [show flow record tenant](#), on page 553
- [show flow vm-exporter](#), on page 554
- [show health](#), on page 555
- [show health leaf](#), on page 556
- [show health leaf fex](#), on page 557
- [show health leaf fex module](#), on page 558
- [show health leaf interface ethernet](#), on page 559
- [show health leaf interface fc](#), on page 560
- [show health leaf interface fcportchannel](#), on page 561
- [show health leaf interface l3instance](#), on page 562
- [show health leaf interface mgmt](#), on page 563
- [show health leaf interface portchannel](#), on page 564
- [show health leaf interface tunnel](#), on page 565
- [show health leaf interface vethernet](#), on page 566
- [show health leaf inventory chassis](#), on page 567
- [show health leaf inventory fans](#), on page 568
- [show health leaf inventory module](#), on page 569

- [show health leaf inventory module fabricport](#), on page 570
- [show health leaf inventory module leafport](#), on page 571
- [show health leaf inventory powersupply](#), on page 572
- [show health leaf inventory supervisor](#), on page 573
- [show health leaf protocol](#), on page 574
- [show health leaf vpc](#), on page 575
- [show health leaf vrf](#), on page 576
- [show health spine](#), on page 577
- [show health spine interface ethernet](#), on page 578
- [show health spine interface l3instance](#), on page 579
- [show health spine interface mgmt](#), on page 580
- [show health spine interface tunnel](#), on page 581
- [show health spine inventory chassis](#), on page 582
- [show health spine inventory fabric](#), on page 583
- [show health spine inventory fans](#), on page 584
- [show health spine inventory module](#), on page 585
- [show health spine inventory module fabricport](#), on page 586
- [show health spine inventory powersupply](#), on page 587
- [show health spine inventory supervisor](#), on page 588
- [show health spine inventory system](#), on page 589
- [show health spine protocol](#), on page 590
- [show health spine vrf](#), on page 591
- [show health tenant](#), on page 592
- [show health tenant application](#), on page 593
- [show health tenant application epg](#), on page 594
- [show health tenant bridge-domain](#), on page 595
- [show health tenant bridge-domain detail](#), on page 596
- [show health tenant bridge-domain first-hop-security binding-table](#), on page 597
- [show health tenant bridge-domain first-hop-security statistics arp](#), on page 598
- [show health tenant bridge-domain first-hop-security statistics dhcpv4](#), on page 599
- [show health tenant bridge-domain first-hop-security statistics dhcpv6](#), on page 600
- [show health tenant bridge-domain first-hop-security statistics neighbor-discovery](#), on page 601
- [show health tenant dnsservergroup](#), on page 602
- [show health tenant dnsservergroup server](#), on page 603
- [show health tenant dnsservergroup server domain](#), on page 604
- [show health tenant interface bridge-domain](#), on page 605
- [show health tenant interface bridge-domain detail](#), on page 606
- [show health tenant interface bridge-domain first-hop-security binding-table](#), on page 607
- [show health tenant interface bridge-domain first-hop-security statistics arp](#), on page 608
- [show health tenant interface bridge-domain first-hop-security statistics dhcpv4](#), on page 609
- [show health tenant interface bridge-domain first-hop-security statistics dhcpv6](#), on page 610
- [show health tenant interface bridge-domain first-hop-security statistics neighbor-discovery](#), on page 611
- [show health tenant multicast-route-maps](#), on page 612
- [show health tenant vrf](#), on page 613
- [show health tenant vrf acllog l2](#), on page 614
- [show health tenant vrf acllog l3](#), on page 615

- [show health tenant vrf detail](#), on page 617
- [show health tenant vrf external-l3 bgp](#), on page 618
- [show health tenant vrf external-l3 bgp node](#), on page 619
- [show health tenant vrf external-l3 eigrp](#), on page 620
- [show health tenant vrf external-l3 eigrp detail](#), on page 621
- [show health tenant vrf external-l3 epg](#), on page 622
- [show health tenant vrf external-l3 epg detail](#), on page 623
- [show health tenant vrf external-l3 epg name](#), on page 624
- [show health tenant vrf external-l3 epg name detail](#), on page 625
- [show health tenant vrf external-l3 interfaces](#), on page 626
- [show health tenant vrf external-l3 interfaces detail](#), on page 627
- [show health tenant vrf external-l3 ospf](#), on page 628
- [show health tenant vrf external-l3 ospf detail](#), on page 629
- [show health tenant vrf external-l3 scale](#), on page 630
- [show health tenant vrf external-l3 scale detail](#), on page 631
- [show health tenant vrf external-l3 static-route](#), on page 632
- [show health tenant vrf external-l3 static-route detail](#), on page 633
- [show health tenant vrf external-l3 static-route node](#), on page 634
- [show health tenant vrf external-l3 static-route node detail](#), on page 635
- [show health tenant vrf multicast](#), on page 636
- [show inband-mgmt](#), on page 637
- [show inband-mgmt controller](#), on page 638
- [show inband-mgmt switch](#), on page 639
- [show interface bridge-domain](#), on page 640
- [show interface bridge-domain detail](#), on page 641
- [show interface bridge-domain first-hop-security binding-table](#), on page 642
- [show interface bridge-domain first-hop-security statistics arp](#), on page 643
- [show interface bridge-domain first-hop-security statistics dhcpv4](#), on page 644
- [show interface bridge-domain first-hop-security statistics dhcpv6](#), on page 645
- [show interface bridge-domain first-hop-security statistics neighbor-discovery](#), on page 646
- [show ip interface bridge-domain](#), on page 647
- [show ipv6 interface bridge-domain](#), on page 648
- [show l4l7-cluster](#), on page 649
- [show l4l7-graph](#), on page 650
- [show l4l7-package](#), on page 651
- [show ldap-server](#), on page 652
- [show license all](#), on page 653
- [show license catalog](#), on page 654
- [show license hostname](#), on page 655
- [show license status](#), on page 656
- [show license summary](#), on page 657
- [show license tech](#), on page 658
- [show license transport-mode](#), on page 659
- [show license udi](#), on page 660
- [show license usage](#), on page 661
- [show locator-led](#), on page 662

- [show locator-led status leaf](#), on page 663
- [show macsec interface](#), on page 664
- [show macsec policy](#), on page 665
- [show microsoft domain](#), on page 666
- [show microsoft domain name](#), on page 667
- [show microsoft domain name hyperv](#), on page 668
- [show microsoft domain name port-group](#), on page 669
- [show microsoft domain name scvmm](#), on page 670
- [show microsoft domain name vm](#), on page 671
- [show microsoft domain name vm name](#), on page 672
- [show microsoft vm](#), on page 673
- [show monitor access](#), on page 674
- [show monitor fabric](#), on page 675
- [show monitor summary](#), on page 676
- [show monitor tenant](#), on page 677
- [show monitor virtual](#), on page 678
- [show name-alias tenant](#), on page 679
- [show name-alias tenant acl](#), on page 680
- [show name-alias tenant application](#), on page 681
- [show name-alias tenant application epg](#), on page 682
- [show name-alias tenant bridge-domain](#), on page 683
- [show name-alias tenant contract](#), on page 684
- [show name-alias tenant contract subject](#), on page 685
- [show name-alias tenant l3out](#), on page 686
- [show name-alias tenant vrf](#), on page 687
- [show ntpq](#), on page 688
- [show oob-mgmt](#), on page 689
- [show oob-mgmt controller](#), on page 690
- [show oob-mgmt switch](#), on page 691
- [show pd-recovery status](#), on page 692
- [show policy-map](#), on page 693
- [show policy-map type data-plane](#), on page 694
- [show policy-map type qos](#), on page 695
- [show port-channel leaf](#), on page 696
- [show port-channel map](#), on page 697
- [show port-channel map leaf](#), on page 698
- [show pwd-rules](#), on page 699
- [show quota](#), on page 700
- [show radius-server](#), on page 701
- [show redhat domain](#), on page 702
- [show redhat domain name](#), on page 703
- [show redhat domain name epg](#), on page 704
- [show redhat domain name rhev](#), on page 705
- [show resource](#), on page 706
- [show resource conflict encap-vlan epg](#), on page 707
- [show resource conflict encap-vlan epg node](#), on page 708

- [show role](#), on page 709
- [show rsa-server](#), on page 710
- [show running-config](#), on page 711
- [show sessions](#), on page 712
- [show sessions controller](#), on page 713
- [show sessions controller detail](#), on page 714
- [show sessions leaf](#), on page 715
- [show sessions spine](#), on page 716
- [show snapshot active](#), on page 717
- [show snapshot files](#), on page 718
- [show snapshot jobs](#), on page 719
- [show snmp](#), on page 720
- [show snmp clientgroups](#), on page 721
- [show snmp community](#), on page 722
- [show snmp engineid](#), on page 723
- [show snmp hosts](#), on page 724
- [show snmp summary](#), on page 725
- [show snmp users](#), on page 726
- [show stats](#), on page 727
- [show stats granularity communication controller](#), on page 728
- [show stats granularity leaf](#), on page 729
- [show stats granularity leaf fex](#), on page 730
- [show stats granularity leaf fex module](#), on page 731
- [show stats granularity leaf interface ethernet](#), on page 732
- [show stats granularity leaf interface fc](#), on page 733
- [show stats granularity leaf interface fcportchannel](#), on page 734
- [show stats granularity leaf interface mgmt](#), on page 735
- [show stats granularity leaf interface portchannel](#), on page 736
- [show stats granularity leaf interface vethernet](#), on page 737
- [show stats granularity leaf inventory chassis](#), on page 738
- [show stats granularity leaf inventory fans](#), on page 739
- [show stats granularity leaf inventory powersupply](#), on page 740
- [show stats granularity leaf inventory supervisor](#), on page 741
- [show stats granularity spine](#), on page 742
- [show stats granularity spine interface ethernet](#), on page 743
- [show stats granularity spine interface mgmt](#), on page 744
- [show stats granularity spine inventory chassis](#), on page 745
- [show stats granularity spine inventory fabric](#), on page 746
- [show stats granularity spine inventory fans](#), on page 747
- [show stats granularity spine inventory module](#), on page 748
- [show stats granularity spine inventory powersupply](#), on page 749
- [show stats granularity spine inventory supervisor](#), on page 750
- [show stats granularity spine inventory system](#), on page 751
- [show stats granularity tenant](#), on page 752
- [show stats granularity tenant application](#), on page 753
- [show stats granularity tenant application epq](#), on page 754

- [show stats granularity tenant dnsservergroup](#), on page 755
- [show stats granularity tenant dnsservergroup server](#), on page 756
- [show stats granularity tenant dnsservergroup server domain](#), on page 757
- [show stats granularity tenant dot1q-tunnel](#), on page 758
- [show stats granularity tenant multicast-route-maps](#), on page 759
- [show stats granularity tenant vrf](#), on page 760
- [show stats granularity tenant vrf aclog l2](#), on page 761
- [show stats granularity tenant vrf aclog l3](#), on page 762
- [show stats granularity tenant vrf detail](#), on page 764
- [show stats granularity tenant vrf external-l3 bgp](#), on page 765
- [show stats granularity tenant vrf external-l3 bgp node](#), on page 766
- [show stats granularity tenant vrf external-l3 eigrp](#), on page 767
- [show stats granularity tenant vrf external-l3 eigrp detail](#), on page 768
- [show stats granularity tenant vrf external-l3 epg](#), on page 769
- [show stats granularity tenant vrf external-l3 epg detail](#), on page 770
- [show stats granularity tenant vrf external-l3 epg name](#), on page 771
- [show stats granularity tenant vrf external-l3 epg name detail](#), on page 772
- [show stats granularity tenant vrf external-l3 interfaces](#), on page 773
- [show stats granularity tenant vrf external-l3 interfaces detail](#), on page 774
- [show stats granularity tenant vrf external-l3 ospf](#), on page 775
- [show stats granularity tenant vrf external-l3 ospf detail](#), on page 776
- [show stats granularity tenant vrf external-l3 scale](#), on page 777
- [show stats granularity tenant vrf external-l3 scale detail](#), on page 778
- [show stats granularity tenant vrf external-l3 static-route](#), on page 779
- [show stats granularity tenant vrf external-l3 static-route detail](#), on page 780
- [show stats granularity tenant vrf external-l3 static-route node](#), on page 781
- [show stats granularity tenant vrf external-l3 static-route node detail](#), on page 782
- [show stats granularity tenant vrf multicast](#), on page 783
- [show switch](#), on page 784
- [show switch detail](#), on page 785
- [show tacacs-server](#), on page 786
- [show techsupport all](#), on page 787
- [show techsupport controllers](#), on page 788
- [show techsupport host](#), on page 789
- [show techsupport switch](#), on page 790
- [show tenant](#), on page 791
- [show tenant access-list](#), on page 792
- [show tenant application](#), on page 793
- [show tenant application endpoints](#), on page 794
- [show tenant application endpoints leaf interface ethernet](#), on page 795
- [show tenant application endpoints leaf interface port-channel](#), on page 796
- [show tenant application endpoints vpc](#), on page 797
- [show tenant application epg](#), on page 798
- [show tenant application epg detail](#), on page 799
- [show tenant application epg endpoints](#), on page 800
- [show tenant application epg endpoints leaf interface ethernet](#), on page 801

- [show tenant application epg endpoints leaf interface port-channel](#), on page 802
- [show tenant application epg endpoints vpc](#), on page 803
- [show tenant bridge-domain](#), on page 804
- [show tenant bridge-domain detail](#), on page 805
- [show tenant bridge-domain first-hop-security binding-table](#), on page 806
- [show tenant bridge-domain first-hop-security statistics arp](#), on page 807
- [show tenant bridge-domain first-hop-security statistics dhcpv4](#), on page 808
- [show tenant bridge-domain first-hop-security statistics dhcpv6](#), on page 809
- [show tenant bridge-domain first-hop-security statistics neighbor-discovery](#), on page 810
- [show tenant contract-type](#), on page 811
- [show tenant contract](#), on page 812
- [show tenant detail](#), on page 813
- [show tenant dnsservergroup](#), on page 814
- [show tenant dnsservergroup server](#), on page 815
- [show tenant dnsservergroup server domain](#), on page 816
- [show tenant dot1q-tunnel](#), on page 817
- [show tenant endpoints](#), on page 818
- [show tenant endpoints leaf interface ethernet](#), on page 819
- [show tenant endpoints leaf interface port-channel](#), on page 820
- [show tenant endpoints vpc](#), on page 821
- [show tenant epg](#), on page 822
- [show tenant epg detail](#), on page 823
- [show tenant external-l2 epg](#), on page 824
- [show tenant interface bridge-domain](#), on page 825
- [show tenant interface bridge-domain detail](#), on page 826
- [show tenant interface bridge-domain first-hop-security binding-table](#), on page 827
- [show tenant interface bridge-domain first-hop-security statistics arp](#), on page 828
- [show tenant interface bridge-domain first-hop-security statistics dhcpv4](#), on page 829
- [show tenant interface bridge-domain first-hop-security statistics dhcpv6](#), on page 830
- [show tenant interface bridge-domain first-hop-security statistics neighbor-discovery](#), on page 831
- [show tenant ip interface bridge-domain](#), on page 832
- [show tenant ipv6 interface bridge-domain](#), on page 833
- [show tenant multicast-route-maps](#), on page 834
- [show tenant policy-map](#), on page 835
- [show tenant policy-map type data-plane](#), on page 836
- [show tenant policy-map type qos](#), on page 837
- [show tenant vrf](#), on page 838
- [show tenant vrf acllog l2](#), on page 839
- [show tenant vrf acllog l3](#), on page 840
- [show tenant vrf detail](#), on page 842
- [show tenant vrf external-l3 bgp](#), on page 843
- [show tenant vrf external-l3 bgp node](#), on page 844
- [show tenant vrf external-l3 eigrp](#), on page 845
- [show tenant vrf external-l3 eigrp detail](#), on page 846
- [show tenant vrf external-l3 epg](#), on page 847
- [show tenant vrf external-l3 epg detail](#), on page 848

- [show tenant vrf external-l3 epg name](#), on page 849
- [show tenant vrf external-l3 epg name detail](#), on page 850
- [show tenant vrf external-l3 interfaces](#), on page 851
- [show tenant vrf external-l3 interfaces detail](#), on page 852
- [show tenant vrf external-l3 ospf](#), on page 853
- [show tenant vrf external-l3 ospf detail](#), on page 854
- [show tenant vrf external-l3 route-map](#), on page 855
- [show tenant vrf external-l3 route-map detail](#), on page 856
- [show tenant vrf external-l3 scale](#), on page 857
- [show tenant vrf external-l3 scale detail](#), on page 858
- [show tenant vrf external-l3 static-route](#), on page 859
- [show tenant vrf external-l3 static-route detail](#), on page 860
- [show tenant vrf external-l3 static-route node](#), on page 861
- [show tenant vrf external-l3 static-route node detail](#), on page 862
- [show tenant vrf multicast](#), on page 863
- [show troubleshoot session](#), on page 864
- [show troubleshoot session atomiccounter](#), on page 865
- [show troubleshoot session audit](#), on page 866
- [show troubleshoot session contracts](#), on page 867
- [show troubleshoot session deployments](#), on page 868
- [show troubleshoot session events](#), on page 869
- [show troubleshoot session faults](#), on page 870
- [show troubleshoot session latency](#), on page 871
- [show troubleshoot session monitor](#), on page 872
- [show troubleshoot session reports](#), on page 873
- [show troubleshoot session statistics](#), on page 874
- [show troubleshoot session topology](#), on page 875
- [show troubleshoot session traceroute](#), on page 876
- [show troubleshoot sessions](#), on page 877
- [show username](#), on page 878
- [show username detail](#), on page 879
- [show version](#), on page 880
- [show vlan-domain](#), on page 881
- [show vmware domain](#), on page 882
- [show vmware domain name](#), on page 883
- [show vmware domain name epg](#), on page 884
- [show vmware domain name esx](#), on page 885
- [show vmware domain name port-group](#), on page 886
- [show vmware domain name trunk-portgroup](#), on page 887
- [show vmware domain name vcenter](#), on page 888
- [show vmware domain name vm](#), on page 889
- [show vmware domain name vm name](#), on page 890
- [show vmware vm](#), on page 891
- [show vpc](#), on page 892
- [show vpc map leaf](#), on page 893
- [show vrf](#), on page 894

- [show vrf detail](#), on page 895
- [show vsan-domain](#), on page 896
- [shut](#), on page 897
- [shutdown](#), on page 898
- [site-id](#), on page 903
- [slot](#), on page 904
- [slow-drain congestion-timeout action](#), on page 905
- [slow-drain congestion-timeout count](#), on page 908
- [slow-drain pause](#), on page 911
- [slow-timer](#), on page 914
- [smartcallhome](#), on page 915
- [snapshot download](#), on page 916
- [snapshot export](#), on page 917
- [snapshot import](#), on page 918
- [snapshot rollback](#), on page 919
- [snapshot upload](#), on page 920
- [snmp-server clientgroup](#), on page 921
- [snmp-server community](#), on page 922
- [snmp-server contact](#), on page 923
- [snmp-server host](#), on page 924
- [snmp-server location](#), on page 925
- [snmp-server protocol](#), on page 926
- [snmp-server trap-fwd-server](#), on page 927
- [snmp-server user](#), on page 928
- [source-guard-admin-status](#), on page 929
- [source](#), on page 930
- [source application](#), on page 932
- [source interface ethernet](#), on page 933
- [source interface port-channel](#), on page 934
- [source interface vpc](#), on page 935
- [spanning-tree](#), on page 936
- [spanning-tree bpdu-filter](#), on page 940
- [spanning-tree bpdu-guard](#), on page 941
- [speed](#), on page 942
- [spf-interval](#), on page 945
- [spine-group](#), on page 946
- [spine-interface-group](#), on page 947
- [spine-interface-policy-group](#), on page 948
- [spine-interface-profile](#), on page 950
- [spine-policy-group](#), on page 952
- [spine-profile](#), on page 953
- [spine](#), on page 954
- [ssh-ciphers](#), on page 955
- [ssh-key](#), on page 956
- [ssh-macs](#), on page 957
- [ssh-service](#), on page 958

- [ssl-protocols](#), on page 959
- [ssl-validation-level](#), on page 960
- [state](#), on page 961
- [static-endpoint](#), on page 962
- [static-tep](#), on page 966
- [statistics](#), on page 969
- [storm-control broadcast level](#), on page 970
- [storm-control broadcast pps](#), on page 973
- [storm-control level](#), on page 976
- [storm-control multicast level](#), on page 979
- [storm-control multicast pps](#), on page 982
- [storm-control pps](#), on page 985
- [storm-control unicast level](#), on page 988
- [storm-control unicast pps](#), on page 991
- [street-address](#), on page 994
- [subject](#), on page 995
- [subnet-ip](#), on page 996
- [subnet](#), on page 997
- [summary-address](#), on page 998
- [svcredir-pol](#), on page 999
- [switch-group](#), on page 1000
- [switch](#), on page 1001
- [switching-mode](#), on page 1002
- [switching](#), on page 1003
- [switchport](#), on page 1004
- [switchport access vlan tenant application](#), on page 1006
- [switchport access vlan tenant external-svi](#), on page 1010
- [switchport fill-pattern](#), on page 1013
- [switchport mode](#), on page 1014
- [switchport port-authentication](#), on page 1019
- [switchport port-authentication enable](#), on page 1020
- [switchport port-authentication host-mode](#), on page 1021
- [switchport port-authentication mac-auth](#), on page 1022
- [switchport port-authentication max-reauth-request](#), on page 1023
- [switchport port-authentication max-request](#), on page 1024
- [switchport port-authentication reauth-period](#), on page 1025
- [switchport port-authentication reauth](#), on page 1026
- [switchport port-authentication server-timeout](#), on page 1027
- [switchport port-authentication supp-timeout](#), on page 1028
- [switchport port-authentication tx-period](#), on page 1029
- [switchport port-security maximum](#), on page 1030
- [switchport port-security timeout](#), on page 1033
- [switchport port-security violation](#), on page 1036
- [switchport rxbbcredit](#), on page 1039
- [switchport speed](#), on page 1040
- [switchport tenant](#), on page 1041

- `switchport trunk-mode`, on page 1043
- `switchport trunk allowed vlan inband-mgmt`, on page 1044
- `switchport trunk allowed vlan tenant application`, on page 1045
- `switchport trunk allowed vlan tenant external-l2`, on page 1049
- `switchport trunk allowed vlan tenant external-svi`, on page 1052
- `switchport trunk allowed vlan tenant legacy-forwarding`, on page 1055
- `switchport trunk allowed vsan tenant application`, on page 1058
- `switchport trunk native vlan tenant application`, on page 1062
- `switchport trunk native vlan tenant external-svi`, on page 1066
- `switchport trunk qinq outer-vlan inner-vlan tenant application`, on page 1069
- `switchport vepa`, on page 1073
- `switchport vlan`, on page 1076
- `switchport vsan`, on page 1079
- `switchport vsan tenant application`, on page 1083
- `syslog`, on page 1084
- `system cluster-size`, on page 1085
- `system controller-id`, on page 1086
- `system dynamic-load-balance`, on page 1087
- `system enforce-subnet-check`, on page 1088
- `system fabric-security-mode`, on page 1089
- `system jumbomtu`, on page 1090
- `system pod`, on page 1091
- `system remote-leaf-site`, on page 1092
- `system switch-id`, on page 1093
- `system use-infra-gipo`, on page 1094

sak-expiry-time

sak-expiry-time x in <0-0> or <60-2592000>

Description: Configure the Security Association Key Expiry Time (in sec)

Syntax:

| | |
|---|-------------------------------------|
| <i>x in <0-0> or <60-2592000></i> | SAK Expiry Time, default 0=disabled |
|---|-------------------------------------|

Command Mode: template macsec access|fabric security-policy : Configure MAC security policy parameters

Command Path:

```
# configure [['terminal', 't']]
(config)# template macsec access|fabric security-policy <WORD>
(config-macsec-param)# sak-expiry-time x in <0-0> or <60-2592000>
```

sampling-rate

sampling-rate <samplingRate>

Description: Configure Sampling Rate

Syntax:

| | |
|---------------------|--|
| <i>samplingRate</i> | Configure Sampling Rate. Number range from=0 to=1000 |
|---------------------|--|

Command Mode: flow exporter : Configure NetFlow Exporter Policy

Command Path:

```
# configure [['terminal', 't']]
(config)# vmware-domain <WORD> [delimiter <WORD>] [access-mode <access-mode>]
(config-vmware)# configure-dvs
(config-vmware-dvs)# flow exporter <WORD>
(config-vmware-dvs-flow-exporter)# sampling-rate <samplingRate>
```

sampling-rate <samplingRate>

Description: Configure Sampling Rate

Syntax:

| | |
|---------------------|--|
| <i>samplingRate</i> | Configure Sampling Rate. Number range from=0 to=1000 |
|---------------------|--|

Command Mode: flow exporter : Configure NetFlow Exporter Policy

Command Path:

```
# configure [['terminal', 't']]
(config)# vmware-domain <WORD> [delimiter <WORD>] [access-mode <access-mode>]
(config-vmware)# configure-avs
(config-vmware-avs)# flow exporter <WORD>
(config-None)# sampling-rate <samplingRate>
```

sampling-rate <samplingRate>

Description: Configure Sampling Rate

Syntax:

| | |
|---------------------|--|
| <i>samplingRate</i> | Configure Sampling Rate. Number range from=0 to=1000 |
|---------------------|--|

Command Mode: flow exporter : Configure NetFlow Exporter Policy

Command Path:

```
# configure [['terminal', 't']]
(config)# vmware-domain <WORD> [delimiter <WORD>] [access-mode <access-mode>]
(config-vmware)# configure-ave
(config-vmware-ave)# flow exporter <WORD>
```

```
(config-None)# sampling-rate <samplingRate>
```


scale-profile

scale-profile <WORD>

Description: Configure Forwarding Scale Profile policy

Syntax:

| | |
|-------------|--|
| <i>WORD</i> | Provide a Forwarding Scale Profile policy name |
|-------------|--|

Command Mode: configure : Configuration Mode

Command Path:

```
# configure [['terminal', 't']]
(config)# scale-profile <WORD>
```

scale-profile <arg>

Description: Add Forwarding Scale Profile policy

Syntax:

| | |
|------------|--|
| <i>arg</i> | |
|------------|--|

Command Mode: template leaf-policy-group : Configure Leaf Policy Group

Command Path:

```
# configure [['terminal', 't']]
(config)# template leaf-policy-group <WORD>
(config-leaf-policy-group)# scale-profile <>
```

schedule

schedule <WORD>

Description: Assign a scheduler

Syntax:

| | |
|-------------|------------------------------|
| <i>WORD</i> | scheduler name (Max Size 64) |
|-------------|------------------------------|

Command Mode: switch-group : Create switch firmware upgrade policy

Command Path:

```
# configure [['terminal', 't']]
(config)# firmware
(config-firmware)# switch-group <WORD>
(config-firmware-switch)# schedule <WORD>
```

schedule <WORD>

Description: Schedule snapshot export

Syntax:

| | |
|-------------|----------------|
| <i>WORD</i> | Scheduler name |
|-------------|----------------|

Command Mode: snapshot export : Configuration export setup mode

Command Path:

```
# configure [['terminal', 't']]
(config)# snapshot export <WORD>
(config-export)# schedule <WORD>
```

scheduler

scheduler pause

Description: Pause maintenance policy scheduler

Syntax:

| | |
|-------|------------------------------------|
| pause | Pause maintenance policy scheduler |
|-------|------------------------------------|

Command Mode: switch-group : Create switch firmware upgrade policy

Command Path:

```
# configure [['terminal', 't']]
(config)# firmware
(config-firmware)# switch-group <WORD>
(config-firmware-switch)# scheduler pause
```

scheduler fabric|controller schedule <WORD>

Description: Scheduler configuration mode

Syntax:

| | |
|-------------|-----------------------------|
| fabric | Fabric schedules |
| controller | Controller schedules |
| schedule | Configure a schedule |
| <i>WORD</i> | Schedule name (Max size 64) |

Command Mode: configure : Configuration Mode

Command Path:

```
# configure [['terminal', 't']]
(config)# scheduler fabric|controller schedule <WORD>
```

scheduling

scheduling <WORD>

Description: Set the scheduling algorithm

Syntax:

| | |
|-------------|---------------------|
| <i>WORD</i> | Algorithm to choose |
|-------------|---------------------|

Command Mode: qos parameters : Configure the global QOS policies

Command Path:

```
# configure [['terminal', 't']]
(config)# qos parameters level1|level2|level3
(config-qos)# scheduling <WORD>
```

scope

scope <WORD>

Description: Specify the scope for the contract

Syntax:

| | |
|-------------|----------------|
| <i>WORD</i> | Contract Scope |
|-------------|----------------|

Command Mode: contract : Configure binary contracts between Application EPGs

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# contract <WORD> [type <type>]
(config-tenant-contract)# scope <WORD>
```

scope combinable

Description: Set route-profile scope

Syntax:

| | |
|------------|------------|
| combinable | combinable |
|------------|------------|

Command Mode: template route-profile : Configure route-profile template under VRF/L3Out for bridge-domain export

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# vrf context tenant <WORD> vrf <WORD> [l3out <l3out>]
(config-leaf-vrf)# template route-profile <WORD> <WORD> <NUMBER>
(config-leaf-vrf-template-route-profile)# scope combinable
```

scope global

Description: Set scope

Syntax:

| | |
|--------|---|
| global | Route-map will be available for use on all nodes in this tenant and vrf |
|--------|---|

Command Mode: route-map : Create route-map or enter route-map command mode

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# vrf context tenant <WORD> vrf <WORD> [l3out <l3out>]
(config-leaf-vrf)# route-map <WORD>
```

```
(config-leaf-vrf-route-map)# scope global
```

scope combinable

Description: Set route-profile scope

Syntax:

| | |
|------------|------------|
| combinable | combinable |
|------------|------------|

Command Mode: template route-profile : Configure route-profile template under VRF/L3Out for bridge-domain export

Command Path:

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# vrf context tenant <WORD> vrf <WORD> [l3out <l3out>]
(config-leaf-vrf)# template route-profile <WORD> <WORD> <NUMBER>
(config-leaf-vrf-template-route-profile)# scope combinable
```

scope global

Description: Set scope

Syntax:

| | |
|--------|---|
| global | Route-map will be available for use on all nodes in this tenant and vrf |
|--------|---|

Command Mode: route-map : Create route-map or enter route-map command mode

Command Path:

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# vrf context tenant <WORD> vrf <WORD> [l3out <l3out>]
(config-leaf-vrf)# route-map <WORD>
(config-leaf-vrf-route-map)# scope global
```

scvmm

scvmm <arg> cloud <WORD> [name <name>]

Description: Configure an SCVMM in the Microsoft domain

Syntax:

| | |
|-------------|----------------------------------|
| <i>arg</i> | |
| cloud | Cloud name |
| <i>WORD</i> | Cloud Name (Max Size 512) |
| <i>name</i> | (Optional) SCVMM Controller Name |

Command Mode: microsoft-domain : Create a VMM Microsoft Domain

Command Path:

```
# configure [['terminal', 't']]
(config)# microsoft-domain <WORD> [delimiter <WORD>]
(config-microsoft)# scvmm <> cloud <WORD> [name <name>]
```

second-file

second-file <FILENAME>

Description: Second snapshot file name

Syntax:

| | |
|-----------------|---------------------------|
| <i>FILENAME</i> | Second snapshot file name |
|-----------------|---------------------------|

Command Mode: snapshot rollback : Configuration rollback setup mode

Command Path:

```
# configure [['terminal', 't']]
(config)# snapshot rollback <WORD>
(config-rollback)# second-file <FILENAME>
```


security-domain

security-domain <WORD>

Description: Add security domain

Syntax:

| | |
|-------------|----------------------|
| <i>WORD</i> | Security-domain name |
|-------------|----------------------|

Command Mode: vlan-domain : Configure vlan domain

Command Path:

```
# configure [['terminal', 't']]
(config)# vlan-domain <name> [dynamic] [type <domain-type>]
(config-vlan)# security-domain <WORD>
```

security-domain <WORD>

Description: Add a security domain to this VMware domain

Syntax:

| | |
|-------------|------------------------------------|
| <i>WORD</i> | Security domain name (Max Size 64) |
|-------------|------------------------------------|

Command Mode: vmware-domain : Create a VMM VMWare Domain

Command Path:

```
# configure [['terminal', 't']]
(config)# vmware-domain <WORD> [delimiter <WORD>] [access-mode <access-mode>]
(config-vmware)# security-domain <WORD>
```

security-mode

security-mode <arg>

Description: Configure whether all traffic or only encrypted traffic can flow through

Syntax:

| | |
|------------|--|
| <i>arg</i> | |
|------------|--|

Command Mode: template macsec access|fabric security-policy : Configure MAC security policy parameters

Command Path:

```
# configure [['terminal', 't']]
(config)# template macsec access|fabric security-policy <WORD>
(config-macsec-param)# security-mode <>
```

security-policy

security-policy <WORD>

Description: Configuration for security policy

Syntax:

| | |
|-------------|------------------------------------|
| <i>WORD</i> | security policy name (Max Size 64) |
|-------------|------------------------------------|

Command Mode: first-hop-security : Configuration for first hop security

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# first-hop-security
(config-tenant-fhs)# security-policy <WORD>
```

security

security domain <WORD>

Description: Add a security domain to the tenant

Syntax:

| | |
|-------------|--------------------------------------|
| domain | Domain |
| <i>WORD</i> | Security domain name (Max Size None) |

Command Mode: tenant : Tenant configuration mode

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# security domain <WORD>
```

security allow-promiscuous

security allow-promiscuous <WORD>

Description: Enable/Disable promiscuous mode

Syntax:

| | |
|-------------|---------------------------------|
| <i>WORD</i> | Enable/Disable promiscuous mode |
|-------------|---------------------------------|

Command Mode: vmware-domain : Associate EPG to a VMWare Domain

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# application <WORD>
(config-tenant-app)# epg <WORD> [type <WORD>]
(config-tenant-app-epg)# vmware-domain member <WORD> [encap <WORD>] [primary-encap <WORD>]
[allow-micro-segmentation] [deploy <WORD>] [push <WORD>] [delimiter <WORD>]
(config-tenant-app-epg-domain)# security allow-promiscuous <WORD>
```

security forged-transmits

security forged-transmits <WORD>

Description: Accept/Reject Forced Transmits

Syntax:

| | |
|-------------|--------------------------------|
| <i>WORD</i> | Accept/Reject Forged Transmits |
|-------------|--------------------------------|

Command Mode: vmware-domain : Associate EPG to a VMWare Domain

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# application <WORD>
(config-tenant-app)# epg <WORD> [type <WORD>]
(config-tenant-app-epg)# vmware-domain member <WORD> [encap <WORD>] [primary-encap <WORD>]
[allow-micro-segmentation] [deploy <WORD>] [push <WORD>] [delimiter <WORD>]
(config-tenant-app-epg-domain)# security forged-transmits <WORD>
```

security mac-changes

security mac-changes <WORD>

Description: Accept/Reject Mac Changes

Syntax:

| | |
|-------------|---------------------------|
| <i>WORD</i> | Accept/Reject Mac Changes |
|-------------|---------------------------|

Command Mode: vmware-domain : Associate EPG to a VMWare Domain

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# application <WORD>
(config-tenant-app)# epg <WORD> [type <WORD>]
(config-tenant-app-epg)# vmware-domain member <WORD> [encap <WORD>] [primary-encap <WORD>]
[allow-micro-segmentation] [deploy <WORD>] [push <WORD>] [delimiter <WORD>]
(config-tenant-app-epg-domain)# security mac-changes <WORD>
```

send-community

send-community [extended]

Description: Send Community attribute to this neighbor

Syntax:

| | |
|----------|--|
| extended | (Optional) Send Extended Community attribute |
|----------|--|

Command Mode: neighbor : Configure a BGP neighbor

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# router bgp <fabric-ASN>
(config-leaf-bgp)# vrf member tenant <WORD> vrf <WORD>
(config-leaf-bgp-vrf)# neighbor A.B.C.D|A.B.C.D/LEN|A:B::C:D|A:B::C:D/LEN [evpn] [l3out
<WORD>]
(config-leaf-bgp-vrf-neighbor)# send-community [extended]
```

send-community [extended]

Description: Send Community attribute to this neighbor

Syntax:

| | |
|----------|--|
| extended | (Optional) Send Extended Community attribute |
|----------|--|

Command Mode: neighbor : Configure a BGP neighbor

Command Path:

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# router bgp <fabric-ASN>
(config-leaf-bgp)# vrf member tenant <WORD> vrf <WORD>
(config-leaf-bgp-vrf)# neighbor A.B.C.D|A.B.C.D/LEN|A:B::C:D|A:B::C:D/LEN [evpn] [l3out
<WORD>]
(config-leaf-bgp-vrf-neighbor)# send-community [extended]
```


server-group

server-group <WORD>

Description: server group configuration mode

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Logging server-group name (Max Size 64) |
|-------------|---|

Command Mode: tacacslog-monitoring : TacacsLog common policy configuration mode

Command Path:

```
# configure [['terminal', 't']]
(config)# tacacslog-monitoring common tacacslog-src <WORD>
(config-tacacslog-monitoring)# server-group <WORD>
```

server-mode

server-mode

Description: Server Mode for NTP Server

Command Mode: ntp : Configure the default ntp policy

Command Path:

```
# configure [['terminal', 't']]
(config)# pod <NUMBER>
(config-pod)# ntp
(config-ntp)# server-mode
```

server-mode

Description: Server Mode for NTP Server

Command Mode: template ntp-fabric : Network Time Protocol (NTP)

Command Path:

```
# configure [['terminal', 't']]
(config)# template ntp-fabric <WORD>
(config-template-ntp-fabric)# server-mode
```

server-monitoring

server-monitoring <server-monitoring>

Description: Enable or disable the server monitoring using test user

Syntax:

| | |
|---------------------|---------------------|
| <server-monitoring> | <server-monitoring> |
|---------------------|---------------------|

Command Mode: ldap-server host : LDAP server DNS name or IP address

Command Path:

```
# configure [['terminal', 't']]
(config)# ldap-server host <A.B.C.D|A:B::C:D|WORD>
(config-host)# server-monitoring <server-monitoring>
```

server-monitoring <server-monitoring>

Description: Enable or disable the server monitoring using test user

Syntax:

| | |
|---------------------|---------------------|
| <server-monitoring> | <server-monitoring> |
|---------------------|---------------------|

Command Mode: radius-server host : RADIUS server's DNS name or its IP address

Command Path:

```
# configure [['terminal', 't']]
(config)# radius-server host <A.B.C.D|A:B::C:D|WORD>
(config-host)# server-monitoring <server-monitoring>
```

server-monitoring <server-monitoring>

Description: Enable or disable the server monitoring using test user

Syntax:

| | |
|---------------------|---------------------|
| <server-monitoring> | <server-monitoring> |
|---------------------|---------------------|

Command Mode: rsa-server host : RSA server's DNS name or its IP address

Command Path:

```
# configure [['terminal', 't']]
(config)# rsa-server host <A.B.C.D|A:B::C:D|WORD>
(config-host)# server-monitoring <server-monitoring>
```

server-monitoring <server-monitoring>

Description: Enable or disable the server monitoring using test user

Syntax:

| | |
|--|--|
| <code><server-monitoring></code> | <code><server-monitoring></code> |
|--|--|

Command Mode: tacacs-server host : TACACS+ server's DNS name or its IP address

Command Path:

```
# configure [['terminal', 't']]
(config)# tacacs-server host <A.B.C.D|A:B::C:D|WORD>
(config-host)# server-monitoring <server-monitoring>
```

server

server <A.B.C.D|A:B::C:D|WORD> priority <NUMBER>

Description: Add LDAP server to LDAP group

Syntax:

| | |
|------------------------------|--|
| <i>A.B.C.D A:B::C:D WORD</i> | LDAP server name or IP address |
| priority | priority of server within group |
| <0-16> | Priority of server within group. Number range from=0 to=16 |

Command Mode: aaa group server ldap : LDAP server group name.

Command Path:

```
# configure [['terminal', 't']]
(config)# aaa group server ldap <WORD>
(config-ldap)# server <A.B.C.D|A:B::C:D|WORD> priority <NUMBER>
```

server <A.B.C.D|A:B::C:D|WORD> priority <NUMBER>

Description: Add RADIUS server to RADIUS group

Syntax:

| | |
|------------------------------|--|
| <i>A.B.C.D A:B::C:D WORD</i> | RADIUS server name or IP address |
| priority | priority of server within group |
| <0-16> | Priority of server within group. Number range from=0 to=16 |

Command Mode: aaa group server radius : RADIUS server group name.

Command Path:

```
# configure [['terminal', 't']]
(config)# aaa group server radius <WORD>
(config-radius)# server <A.B.C.D|A:B::C:D|WORD> priority <NUMBER>
```

server <A.B.C.D|A:B::C:D|WORD> priority <NUMBER>

Description: Add RSA server to RSA group

Syntax:

| | |
|------------------------------|--|
| <i>A.B.C.D A:B::C:D WORD</i> | RSA server name or IP address |
| priority | priority of server within group |
| <0-16> | Priority of server within group. Number range from=0 to=16 |

Command Mode: aaa group server rsa : RSA server group name.

Command Path:

```
# configure [['terminal', 't']]
(config)# aaa group server rsa <WORD>
(config-rsa)# server <A.B.C.D|A:B::C:D|WORD> priority <NUMBER>
```

server <A.B.C.D|A:B::C:D|WORD> priority <NUMBER>

Description: Add TACACS PLUS server to TACACS PLUS group

Syntax:

| | |
|------------------------------|--|
| <i>A.B.C.D A:B::C:D WORD</i> | TACACS PLUS server name or IP address |
| priority | priority of server within group |
| <0-16> | Priority of server within group. Number range from=0 to=16 |

Command Mode: aaa group server tacacsplus : TACACS+ server group name.

Command Path:

```
# configure [['terminal', 't']]
(config)# aaa group server tacacsplus <WORD>
(config-tacacsplus)# server <A.B.C.D|A:B::C:D|WORD> priority <NUMBER>
```

server <WORD> [prefer] [key <arg>] [use-vrf <arg>]

Description: Configure ntp servers for the active ntp policy

Syntax:

| | |
|-------------|--|
| <i>WORD</i> | Server name/IP for the active ntp policy (Max Size 64) |
| prefer | (Optional) Preferred server for the active ntp policy |
| <i>arg</i> | (Optional) Reference key id for authentication. Number range from=1 to=65535 |
| <i>arg</i> | (Optional) Configure management vrf |

Command Mode: ntp : Configure the default ntp policy

Command Path:

```
# configure [['terminal', 't']]
(config)# pod <NUMBER>
(config-pod)# ntp
(config-ntp)# server <WORD> [prefer] [key <>] [use-vrf <>]
```

server <WORD> [prefer] [key <arg>] [use-vrf <arg>]

Description: Configure ntp servers for the active ntp policy

Syntax:

| | |
|---------------|--|
| <i>WORD</i> | Server name/IP for the active ntp policy (Max Size 64) |
| <i>prefer</i> | (Optional) Preferred server for the active ntp policy |
| <i>arg</i> | (Optional) Reference key id for authentication. Number range from=1 to=65535 |
| <i>arg</i> | (Optional) Configure management vrf |

Command Mode: template ntp-fabric : Network Time Protocol (NTP)

Command Path:

```
# configure [['terminal', 't']]
(config)# template ntp-fabric <WORD>
(config-template-ntp-fabric)# server <WORD> [prefer] [key <>] [use-vrf <>]
```

server <host/ipaddr> [facility <facility>] [severity <severity>] [mgmtepg <mgmtepg>] [port <port>] [format <format>]

Description: Add a destination server

Syntax:

| | |
|----------------------------|---|
| <i><host/ipaddr></i> | The hostname or ipaddress |
| <i>facility</i> | (Optional) The forwarding facility level for logs generated |
| <i>severity</i> | (Optional) The severity level for logs generated |
| <i>mgmtepg</i> | (Optional) MgmtEndpoint |
| <i>port</i> | (Optional) Service port of the remote destination. Number range from=1 to=65535 |
| <i>format</i> | (Optional) The format for the syslog messages |

Command Mode: logging : Logging server group configuration mode

Command Path:

```
# configure [['terminal', 't']]
(config)# logging server-group <WORD>
(config-logging)# server <host/ipaddr> [facility <facility>] [severity <severity>] [mgmtepg
<mgmtepg>] [port <port>] [format <format>]
```

service-function-profile

service-function-profile <funcprof>

Description: Add Function Profile

Syntax:

| | |
|-----------------|----------|
| <i>funcprof</i> | funcprof |
|-----------------|----------|

Command Mode: function-profile : Configure function profile container

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# 1417 resource-pool <WORD>
(config-resource-pool)# function-profile <WORD>
(config-function-profile)# service-function-profile <funcprof>
```


service-policy

service-policy type data-plane|control-plane-if <arg> <WORD>

Description: QOS service policy

Syntax:

| | |
|------------------|---------------------------------------|
| type | Type of the Qos Policy |
| data-plane | QOS policy for Data Plane Policing |
| control-plane-if | QOS policy for Control Plane Policing |
| <i>arg</i> | |
| <i>WORD</i> | Qos Policy Name (Max Size 64) |

Command Mode: template port-channel : Configure Port-Channel Parameters

Command Path:

```
# configure [['terminal', 't']]
(config)# template port-channel <WORD>
(config-po-ch-if)# service-policy type data-plane|control-plane-if <> <WORD>
```

service-policy <WORD>

Description: Specify the QOS service policy

Syntax:

| | |
|-------------|---------------------------------------|
| <i>WORD</i> | Service policy to apply (Max Size 64) |
|-------------|---------------------------------------|

Command Mode: external-l2 : L2 external EPG creation/configuration

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# external-l2 epg <WORD>
(config-tenant-l2ext-epg)# service-policy <WORD>
```

service-policy type data-plane input|output <WORD>

Description: QOS service policy

Syntax:

| | |
|------------|------------------------------------|
| type | Type of the Qos Policy |
| data-plane | QOS policy for Data Plane Policing |

| | |
|-------------|-------------------------------|
| input | Ingress Direction |
| output | Egress Direction |
| <i>WORD</i> | Qos Policy Name (Max Size 64) |

Command Mode: interface vlan : Vlan interface

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface vlan <1-4094>
(config-leaf-if)# service-policy type data-plane input|output <WORD>
```

service-policy type data-plane|control-plane-if <arg> <WORD>

Description: QOS service policy

Syntax:

| | |
|------------------|---------------------------------------|
| type | Type of the Qos Policy |
| data-plane | QOS policy for Data Plane Policing |
| control-plane-if | QOS policy for Control Plane Policing |
| <i>arg</i> | |
| <i>WORD</i> | Qos Policy Name (Max Size 64) |

Command Mode: interface ethernet : Ethernet IEEE 802.3z

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface ethernet <ifRange>
(config-leaf-if)# service-policy type data-plane|control-plane-if <> <WORD>
```

service-policy type data-plane|control-plane-if <arg> <WORD>

Description: QOS service policy

Syntax:

| | |
|------------------|---------------------------------------|
| type | Type of the Qos Policy |
| data-plane | QOS policy for Data Plane Policing |
| control-plane-if | QOS policy for Control Plane Policing |
| <i>arg</i> | |
| <i>WORD</i> | Qos Policy Name (Max Size 64) |

Command Mode: interface port-channel : Port Channel interface

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface port-channel <WORD> [fex <fex>]
(config-leaf-if)# service-policy type data-plane|control-plane-if <> <WORD>
```

service-policy type data-plane input|output <WORD>

Description: QOS service policy

Syntax:

| | |
|-------------|------------------------------------|
| type | Type of the Qos Policy |
| data-plane | QOS policy for Data Plane Policing |
| input | Ingress Direction |
| output | Egress Direction |
| <i>WORD</i> | Qos Policy Name (Max Size 64) |

Command Mode: interface vlan : Vlan interface

Command Path:

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface vlan <1-4094>
(config-leaf-if)# service-policy type data-plane input|output <WORD>
```

service-policy type data-plane|control-plane-if <arg> <WORD>

Description: QOS service policy

Syntax:

| | |
|------------------|---------------------------------------|
| type | Type of the Qos Policy |
| data-plane | QOS policy for Data Plane Policing |
| control-plane-if | QOS policy for Control Plane Policing |
| <i>arg</i> | |
| <i>WORD</i> | Qos Policy Name (Max Size 64) |

Command Mode: interface ethernet : Ethernet IEEE 802.3z

Command Path:

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
```

```
(config-spine)# interface ethernet <ifRange>
(config-leaf-if)# service-policy type data-plane|control-plane-if <> <WORD>
```

service-policy type data-plane|control-plane-if <arg> <WORD>

Description: QOS service policy

Syntax:

| | |
|------------------|---------------------------------------|
| type | Type of the Qos Policy |
| data-plane | QOS policy for Data Plane Policing |
| control-plane-if | QOS policy for Control Plane Policing |
| arg | |
| WORD | Qos Policy Name (Max Size 64) |

Command Mode: interface port-channel : Port Channel interface

Command Path:

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface port-channel <WORD> [fex <fex>]
(config-leaf-if)# service-policy type data-plane|control-plane-if <> <WORD>
```

service-policy type data-plane input|output <WORD>

Description: QOS service policy

Syntax:

| | |
|------------|------------------------------------|
| type | Type of the Qos Policy |
| data-plane | QOS policy for Data Plane Policing |
| input | Ingress Direction |
| output | Egress Direction |
| WORD | Qos Policy Name (Max Size 64) |

Command Mode: interface : Provide VPC Name

Command Path:

```
# configure [['terminal', 't']]
(config)# vpc context leaf <101-4000> <101-4000> [fex <fex>]
(config-vpc)# interface vpc <WORD> [fex <fex>]
(config-vpc-if)# service-policy type data-plane input|output <WORD>
```

service-policy type data-plane

service-policy type data-plane <WORD>

Description: Data plane Policy

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Data plane Service Policy (Max Size 64) |
|-------------|---|

Command Mode: epg : AEPg configuration mode

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# application <WORD>
(config-tenant-app)# epg <WORD> [type <WORD>]
(config-tenant-app-epg)# service-policy type data-plane <WORD>
```

service-policy type qos

service-policy type qos <WORD>

Description: Qos Policy

Syntax:

| | |
|-------------|----------------------------------|
| <i>WORD</i> | Qos Service Policy (Max Size 64) |
|-------------|----------------------------------|

Command Mode: epg : AEPg configuration mode

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# application <WORD>
(config-tenant-app)# epg <WORD> [type <WORD>]
(config-tenant-app-epg)# service-policy type qos <WORD>
```

service

service <WORD> [device-cluster-tenant <WORD>] [device-cluster <WORD>] [mode <Available Modes>] [svcredir <Service Redirection>] [service-type <Service Type>]

Description: Configure L4-L7 Service

Syntax:

| | |
|----------------------------|--|
| <i>WORD</i> | Service node name (Max Size 64) |
| <i>WORD</i> | (Optional) Tenant name (Max Size 63) |
| <i>WORD</i> | (Optional) Device cluster name (Max Size 64) |
| <i>Available Modes</i> | (Optional) Configure service node mode |
| <i>Service Redirection</i> | (Optional) Configure service redirection |
| <i>Service Type</i> | (Optional) Configure service node type |

Command Mode: l4l7 graph : Configure L4-L7 Service Graph

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# l4l7 graph <WORD> [contract <contract-option>]
(config-graph)# service <WORD> [device-cluster-tenant <WORD>] [device-cluster <WORD>] [mode
<Available Modes>] [svcredir <Service Redirection>] [service-type <Service Type>]
```

session-record-flags

session-record-flags <sessionRecordFlags>

Description: Enable/Disable refresh in the session records, Comma separated values

Syntax:

| | |
|----------------------|--|
| <sessionRecordFlags> | Session record flags as comma separated values like val1,val2,..valN |
|----------------------|--|

Command Mode: crypto webtoken : The cryptographic data used for generating and verifying web tokens.

Command Path:

```
# configure [['terminal', 't']]
(config)# crypto webtoken
(config-webtoken)# session-record-flags <sessionRecordFlags>
```


set

set <propType> <propVal>

Description: Customize leaf aggregate policy values for Control Plane Policing

Syntax:

| | |
|-----------------|---|
| <i>propType</i> | propType |
| <i>propVal</i> | propVal. Number range from=0 to=9223372036854775807 |

Command Mode: policy-map type control-plane-leaf : Create leaf aggregate ControlPlane policy to police/reclassify the traffic

Command Path:

```
# configure [['terminal', 't']]
(config)# policy-map type control-plane-leaf <WORD>
(config-pmap-copp-leaf)# set <propType> <propVal>
```

set <propType> <propVal>

Description: Customize spine aggregate policy values for Control Plane Policing

Syntax:

| | |
|-----------------|---|
| <i>propType</i> | propType |
| <i>propVal</i> | propVal. Number range from=0 to=9223372036854775807 |

Command Mode: policy-map type control-plane-spine : Create spine aggregate ControlPlane policy to police/reclassify the traffic

Command Path:

```
# configure [['terminal', 't']]
(config)# policy-map type control-plane-spine <WORD>
(config-pmap-copp-spine)# set <propType> <propVal>
```

set qos-class <WORD>

Description: QOS level for the epg

Syntax:

| | |
|-------------|-----------------------|
| qos-class | QOS level for the epg |
| <i>WORD</i> | Qos Level |

Command Mode: epg : AEPg configuration mode

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# application <WORD>
(config-tenant-app)# epg <WORD> [type <WORD>]
(config-tenant-app-epg)# set qos-class <WORD>
```

set qos-class <WORD>**Description:** QOS level for the application**Syntax:**

| | |
|-------------|-------------------------------|
| qos-class | QOS level for the application |
| <i>WORD</i> | Qos Level |

Command Mode: application : application configuration mode**Command Path:**

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# application <WORD>
(config-tenant-app)# set qos-class <WORD>
```

set qos-class <WORD>**Description:** QOS level for the tunnel**Syntax:**

| | |
|-------------|--------------------------|
| qos-class | QOS level for the tunnel |
| <i>WORD</i> | Qos Level |

Command Mode: dot1q-tunnel : Tunnel configuration mode**Command Path:**

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# dot1q-tunnel <WORD>
(config-tenant-tunnel)#set qos-class <WORD>
```

set qos-class <contractQosLevel>**Description:** Specify the QOS level for the epg**Syntax:**

| | |
|-----------------------------|------------------------------------|
| qos-class | class of QOS to specify |
| < <i>contractQosLevel</i> > | {unspecified level1 level2 level3} |

Command Mode: inband-mgmt : Enter Inside In-band management mode to modify inband properties or create new inband

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# inband-mgmt epg <WORD>
(config-inb-epg)# set qos-class <contractQosLevel>
```

set qos-class <WORD>

Description: QOS level for the epg

Syntax:

| | |
|-------------|-----------------------|
| qos-class | QOS level for the epg |
| <i>WORD</i> | Qos Level |

Command Mode: external-l2 : L2 external EPG creation/configuration

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# external-l2 epg <WORD>
(config-tenant-l2ext-epg)# set qos-class <WORD>
```

set qos-class <contractQosLevel>

Description: QOS level for the epg

Syntax:

| | |
|-----------------------------|------------------------------------|
| qos-class | class of QOS to specify |
| < <i>contractQosLevel</i> > | {unspecified level1 level2 level3} |

Command Mode: oob-mgmt : Creates/Modify the out of band mgmt under the tenant mgmt

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# oob-mgmt epg <epgval>
(config-oob-epg)# set qos-class <contractQosLevel>
```

set addcommunity

set addcommunity regular|extended <value>

Description: Set BGP additional-community attribute

Syntax:

| | |
|--------------|---------------------------------|
| regular | BGP regular community |
| extended | BGP extended community |
| <i>value</i> | Community value in aa:nn format |

Command Mode: template route-profile : Configure route-profile template under tenant for BGP dampening and route redistribution

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# template route-profile <WORD> tenant <WORD>
(config-leaf-template-route-profile)# set addcommunity regular|extended <value>
```

set addcommunity regular|extended <value>

Description: Set BGP additional-community attribute

Syntax:

| | |
|--------------|---------------------------------|
| regular | BGP regular community |
| extended | BGP extended community |
| <i>value</i> | Community value in aa:nn format |

Command Mode: template route-profile : Configure route-profile template under VRF/L3Out for bridge-domain export

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# vrf context tenant <WORD> vrf <WORD> [l3out <l3out>]
(config-leaf-vrf)# template route-profile <WORD> <WORD> <NUMBER>
(config-leaf-vrf-template-route-profile)# set addcommunity regular|extended <value>
```

set addcommunity regular|extended <value>

Description: Set BGP additional-community attribute

Syntax:

| | |
|--------------|---------------------------------|
| regular | BGP regular community |
| extended | BGP extended community |
| <i>value</i> | Community value in aa:nn format |

Command Mode: match bridge-domain : Match subnets of a bridge-domain

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# vrf context tenant <WORD> vrf <WORD> [l3out <l3out>]
(config-leaf-vrf)# route-map <WORD>
(config-leaf-vrf-route-map)# match bridge-domain <> [tenant <tenant>]
(config-leaf-vrf-route-map-match)# set addcommunity regular|extended <value>
```

set addcommunity regular|extended <value>

Description: Set BGP additional-community attribute

Syntax:

| | |
|--------------|---------------------------------|
| regular | BGP regular community |
| extended | BGP extended community |
| <i>value</i> | Community value in aa:nn format |

Command Mode: match prefix-list : Match entries of a prefix-list

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# vrf context tenant <WORD> vrf <WORD> [l3out <l3out>]
(config-leaf-vrf)# route-map <WORD>
(config-leaf-vrf-route-map)# match prefix-list <WORD> [deny]
(config-leaf-vrf-route-map-match)# set addcommunity regular|extended <value>
```

set addcommunity regular|extended <value>

Description: Set BGP additional-community attribute

Syntax:

| | |
|--------------|---------------------------------|
| regular | BGP regular community |
| extended | BGP extended community |
| <i>value</i> | Community value in aa:nn format |

Command Mode: match route group : Route group

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# vrf context tenant <WORD> vrf <WORD> [l3out <l3out>]
(config-leaf-vrf)# route-map <WORD>
(config-leaf-vrf-route-map)# match route group <> [order <order>] [deny]
(config-leaf-vrf-route-map-match)# set addcommunity regular|extended <value>
```

set addcommunity regular|extended <value>

Description: Set BGP additional-community attribute

Syntax:

| | |
|--------------|---------------------------------|
| regular | BGP regular community |
| extended | BGP extended community |
| <i>value</i> | Community value in aa:nn format |

Command Mode: template route-profile : Configure route-profile template under tenant for BGP dampening and route redistribution

Command Path:

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# template route-profile <WORD> tenant <WORD>
(config-leaf-template-route-profile)# set addcommunity regular|extended <value>
```

set addcommunity regular|extended <value>

Description: Set BGP additional-community attribute

Syntax:

| | |
|--------------|---------------------------------|
| regular | BGP regular community |
| extended | BGP extended community |
| <i>value</i> | Community value in aa:nn format |

Command Mode: template route-profile : Configure route-profile template under VRF/L3Out for bridge-domain export

Command Path:

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# vrf context tenant <WORD> vrf <WORD> [l3out <l3out>]
(config-leaf-vrf)# template route-profile <WORD> <WORD> <NUMBER>
(config-leaf-vrf-template-route-profile)# set addcommunity regular|extended <value>
```

set addcommunity regular|extended <value>**Description:** Set BGP additional-community attribute**Syntax:**

| | |
|--------------|---------------------------------|
| regular | BGP regular community |
| extended | BGP extended community |
| <i>value</i> | Community value in aa:nn format |

Command Mode: match bridge-domain : Match subnets of a bridge-domain**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# vrf context tenant <WORD> vrf <WORD> [l3out <l3out>]
(config-leaf-vrf)# route-map <WORD>
(config-leaf-vrf-route-map)# match bridge-domain <> [tenant <tenant>]
(config-leaf-vrf-route-map-match)# set addcommunity regular|extended <value>
```

set addcommunity regular|extended <value>**Description:** Set BGP additional-community attribute**Syntax:**

| | |
|--------------|---------------------------------|
| regular | BGP regular community |
| extended | BGP extended community |
| <i>value</i> | Community value in aa:nn format |

Command Mode: match prefix-list : Match entries of a prefix-list**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# vrf context tenant <WORD> vrf <WORD> [l3out <l3out>]
(config-leaf-vrf)# route-map <WORD>
(config-leaf-vrf-route-map)# match prefix-list <WORD> [deny]
(config-leaf-vrf-route-map-match)# set addcommunity regular|extended <value>
```

set addcommunity regular|extended <value>**Description:** Set BGP additional-community attribute**Syntax:**

| | |
|--------------|---------------------------------|
| regular | BGP regular community |
| extended | BGP extended community |
| <i>value</i> | Community value in aa:nn format |

Command Mode: match route group : Route group

Command Path:

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# vrf context tenant <WORD> vrf <WORD> [l3out <l3out>]
(config-leaf-vrf)# route-map <WORD>
(config-leaf-vrf-route-map)# match route group <> [order <order>] [deny]
(config-leaf-vrf-route-map-match)# set addcommunity regular|extended <value>
```


set as-path prepend-last-as

set as-path prepend-last-as <NUMBER>

Description: Prepend last AS to the as-path

Syntax:

| | |
|--------|---|
| <1-10> | Number of last-AS prepends. Number range from=1 to=10 |
|--------|---|

Command Mode: template route-profile : Configure route-profile template under tenant for BGP dampening and route redistribution

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# template route-profile <WORD> tenant <WORD>
(config-leaf-template-route-profile)# set as-path prepend-last-as <NUMBER>
```

set as-path prepend-last-as <NUMBER>

Description: Prepend last AS to the as-path

Syntax:

| | |
|--------|---|
| <1-10> | Number of last-AS prepends. Number range from=1 to=10 |
|--------|---|

Command Mode: template route-profile : Configure route-profile template under VRF/L3Out for bridge-domain export

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# vrf context tenant <WORD> vrf <WORD> [l3out <l3out>]
(config-leaf-vrf)# template route-profile <WORD> <WORD> <NUMBER>
(config-leaf-vrf-template-route-profile)# set as-path prepend-last-as <NUMBER>
```

set as-path prepend-last-as <NUMBER>

Description: Prepend last AS to the as-path

Syntax:

| | |
|--------|---|
| <1-10> | Number of last-AS prepends. Number range from=1 to=10 |
|--------|---|

Command Mode: match bridge-domain : Match subnets of a bridge-domain

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
```

```
(config-leaf)# vrf context tenant <WORD> vrf <WORD> [l3out <l3out>]
(config-leaf-vrf)# route-map <WORD>
(config-leaf-vrf-route-map)# match bridge-domain <> [tenant <tenant>]
(config-leaf-vrf-route-map-match)# set as-path prepend-last-as <NUMBER>
```

set as-path prepend-last-as <NUMBER>**Description:** Prepend last AS to the as-path**Syntax:**

| | |
|--------|---|
| <1-10> | Number of last-AS prepends. Number range from=1 to=10 |
|--------|---|

Command Mode: match prefix-list : Match entries of a prefix-list**Command Path:**

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# vrf context tenant <WORD> vrf <WORD> [l3out <l3out>]
(config-leaf-vrf)# route-map <WORD>
(config-leaf-vrf-route-map)# match prefix-list <WORD> [deny]
(config-leaf-vrf-route-map-match)# set as-path prepend-last-as <NUMBER>
```

set as-path prepend-last-as <NUMBER>**Description:** Prepend last AS to the as-path**Syntax:**

| | |
|--------|---|
| <1-10> | Number of last-AS prepends. Number range from=1 to=10 |
|--------|---|

Command Mode: match route group : Route group**Command Path:**

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# vrf context tenant <WORD> vrf <WORD> [l3out <l3out>]
(config-leaf-vrf)# route-map <WORD>
(config-leaf-vrf-route-map)# match route group <> [order <order>] [deny]
(config-leaf-vrf-route-map-match)# set as-path prepend-last-as <NUMBER>
```

set as-path prepend-last-as <NUMBER>**Description:** Prepend last AS to the as-path**Syntax:**

| | |
|--------|---|
| <1-10> | Number of last-AS prepends. Number range from=1 to=10 |
|--------|---|

Command Mode: template route-profile : Configure route-profile template under tenant for BGP dampening and route redistribution**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# template route-profile <WORD> tenant <WORD>
(config-leaf-template-route-profile)# set as-path prepend-last-as <NUMBER>
```

set as-path prepend-last-as <NUMBER>

Description: Prepend last AS to the as-path

Syntax:

| | |
|--------|---|
| <1-10> | Number of last-AS prepends. Number range from=1 to=10 |
|--------|---|

Command Mode: template route-profile : Configure route-profile template under VRF/L3Out for bridge-domain export

Command Path:

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# vrf context tenant <WORD> vrf <WORD> [l3out <l3out>]
(config-leaf-vrf)# template route-profile <WORD> <WORD> <NUMBER>
(config-leaf-vrf-template-route-profile)# set as-path prepend-last-as <NUMBER>
```

set as-path prepend-last-as <NUMBER>

Description: Prepend last AS to the as-path

Syntax:

| | |
|--------|---|
| <1-10> | Number of last-AS prepends. Number range from=1 to=10 |
|--------|---|

Command Mode: match bridge-domain : Match subnets of a bridge-domain

Command Path:

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# vrf context tenant <WORD> vrf <WORD> [l3out <l3out>]
(config-leaf-vrf)# route-map <WORD>
(config-leaf-vrf-route-map)# match bridge-domain <> [tenant <tenant>]
(config-leaf-vrf-route-map-match)# set as-path prepend-last-as <NUMBER>
```

set as-path prepend-last-as <NUMBER>

Description: Prepend last AS to the as-path

Syntax:

| | |
|--------|---|
| <1-10> | Number of last-AS prepends. Number range from=1 to=10 |
|--------|---|

Command Mode: match prefix-list : Match entries of a prefix-list

Command Path:

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# vrf context tenant <WORD> vrf <WORD> [l3out <l3out>]
(config-leaf-vrf)# route-map <WORD>
(config-leaf-vrf-route-map)# match prefix-list <WORD> [deny]
(config-leaf-vrf-route-map-match)# set as-path prepend-last-as <NUMBER>
```

set as-path prepend-last-as <NUMBER>

Description: Prepend last AS to the as-path

Syntax:

| | |
|--------|---|
| <1-10> | Number of last-AS prepends. Number range from=1 to=10 |
|--------|---|

Command Mode: match route group : Route group

Command Path:

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# vrf context tenant <WORD> vrf <WORD> [l3out <l3out>]
(config-leaf-vrf)# route-map <WORD>
(config-leaf-vrf-route-map)# match route group <> [order <order>] [deny]
(config-leaf-vrf-route-map-match)# set as-path prepend-last-as <NUMBER>
```

set as-path prepend

set as-path prepend <1-4294967295>

Description: Prepend to the AS-Path

Syntax:

| | |
|----------------|------------------------|
| <1-4294967295> | Prepend to the AS-Path |
|----------------|------------------------|

Command Mode: template route-profile : Configure route-profile template under tenant for BGP dampening and route redistribution

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# template route-profile <WORD> tenant <WORD>
(config-leaf-template-route-profile)# set as-path prepend <1-4294967295>
```

set as-path prepend <1-4294967295>

Description: Prepend to the AS-Path

Syntax:

| | |
|----------------|------------------------|
| <1-4294967295> | Prepend to the AS-Path |
|----------------|------------------------|

Command Mode: template route-profile : Configure route-profile template under VRF/L3Out for bridge-domain export

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# vrf context tenant <WORD> vrf <WORD> [l3out <l3out>]
(config-leaf-vrf)# template route-profile <WORD> <WORD> <NUMBER>
(config-leaf-vrf-template-route-profile)# set as-path prepend <1-4294967295>
```

set as-path prepend <1-4294967295>

Description: Prepend to the AS-Path

Syntax:

| | |
|----------------|------------------------|
| <1-4294967295> | Prepend to the AS-Path |
|----------------|------------------------|

Command Mode: match bridge-domain : Match subnets of a bridge-domain

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
```

```
(config-leaf)# vrf context tenant <WORD> vrf <WORD> [l3out <l3out>]
(config-leaf-vrf)# route-map <WORD>
(config-leaf-vrf-route-map)# match bridge-domain <> [tenant <tenant>]
(config-leaf-vrf-route-map-match)# set as-path prepend <1-4294967295>
```

set as-path prepend <1-4294967295>**Description:** Prepend to the AS-Path**Syntax:**

| | |
|----------------|------------------------|
| <1-4294967295> | Prepend to the AS-Path |
|----------------|------------------------|

Command Mode: match prefix-list : Match entries of a prefix-list**Command Path:**

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# vrf context tenant <WORD> vrf <WORD> [l3out <l3out>]
(config-leaf-vrf)# route-map <WORD>
(config-leaf-vrf-route-map)# match prefix-list <WORD> [deny]
(config-leaf-vrf-route-map-match)# set as-path prepend <1-4294967295>
```

set as-path prepend <1-4294967295>**Description:** Prepend to the AS-Path**Syntax:**

| | |
|----------------|------------------------|
| <1-4294967295> | Prepend to the AS-Path |
|----------------|------------------------|

Command Mode: match route group : Route group**Command Path:**

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# vrf context tenant <WORD> vrf <WORD> [l3out <l3out>]
(config-leaf-vrf)# route-map <WORD>
(config-leaf-vrf-route-map)# match route group <> [order <order>] [deny]
(config-leaf-vrf-route-map-match)# set as-path prepend <1-4294967295>
```

set as-path prepend <1-4294967295>**Description:** Prepend to the AS-Path**Syntax:**

| | |
|----------------|------------------------|
| <1-4294967295> | Prepend to the AS-Path |
|----------------|------------------------|

Command Mode: template route-profile : Configure route-profile template under tenant for BGP dampening and route redistribution**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# template route-profile <WORD> tenant <WORD>
(config-leaf-template-route-profile)# set as-path prepend <1-4294967295>
```

set as-path prepend <1-4294967295>**Description:** Prepend to the AS-Path**Syntax:**

| | |
|----------------|------------------------|
| <1-4294967295> | Prepend to the AS-Path |
|----------------|------------------------|

Command Mode: template route-profile : Configure route-profile template under VRF/L3Out for bridge-domain export

Command Path:

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# vrf context tenant <WORD> vrf <WORD> [l3out <l3out>]
(config-leaf-vrf)# template route-profile <WORD> <WORD> <NUMBER>
(config-leaf-vrf-template-route-profile)# set as-path prepend <1-4294967295>
```

set as-path prepend <1-4294967295>**Description:** Prepend to the AS-Path**Syntax:**

| | |
|----------------|------------------------|
| <1-4294967295> | Prepend to the AS-Path |
|----------------|------------------------|

Command Mode: match bridge-domain : Match subnets of a bridge-domain

Command Path:

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# vrf context tenant <WORD> vrf <WORD> [l3out <l3out>]
(config-leaf-vrf)# route-map <WORD>
(config-leaf-vrf-route-map)# match bridge-domain <> [tenant <tenant>]
(config-leaf-vrf-route-map-match)# set as-path prepend <1-4294967295>
```

set as-path prepend <1-4294967295>**Description:** Prepend to the AS-Path**Syntax:**

| | |
|----------------|------------------------|
| <1-4294967295> | Prepend to the AS-Path |
|----------------|------------------------|

Command Mode: match prefix-list : Match entries of a prefix-list

Command Path:

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# vrf context tenant <WORD> vrf <WORD> [l3out <l3out>]
(config-leaf-vrf)# route-map <WORD>
(config-leaf-vrf-route-map)# match prefix-list <WORD> [deny]
(config-leaf-vrf-route-map-match)# set as-path prepend <1-4294967295>
```

set as-path prepend <1-4294967295>

Description: Prepend to the AS-Path

Syntax:

| | |
|----------------|------------------------|
| <1-4294967295> | Prepend to the AS-Path |
|----------------|------------------------|

Command Mode: match route group : Route group

Command Path:

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# vrf context tenant <WORD> vrf <WORD> [l3out <l3out>]
(config-leaf-vrf)# route-map <WORD>
(config-leaf-vrf-route-map)# match route group <> [order <order>] [deny]
(config-leaf-vrf-route-map-match)# set as-path prepend <1-4294967295>
```


set burst

set burst <0-549755813760> UNIT

Description: Burst Rate

Syntax:

| | |
|------------------|-----------------|
| <0-549755813760> | Burst Rate |
| UNIT | Burst Rate Unit |

Command Mode: policy-map type data-plane : Create a policymap of DataPlane type to police/reclassify the traffic

Command Path:

```
# configure [['terminal', 't']]
(config)# policy-map type data-plane <WORD>
(config-pmap-dpp)# set burst <0-549755813760> UNIT
```

set burst <0-549755813760> UNIT

Description: Burst Rate

Syntax:

| | |
|------------------|-----------------|
| <0-549755813760> | Burst Rate |
| UNIT | Burst Rate Unit |

Command Mode: policy-map type data-plane : data-plane policy type

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# policy-map type data-plane <WORD>
(config-tenant-pmap-dpp)# set burst <0-549755813760> UNIT
```

set cir

set cir <0-4398046510080> UNIT

Description: Committed Rate

Syntax:

| | |
|-------------------|---------------------|
| <0-4398046510080> | Committed Rate |
| UNIT | Committed Rate Unit |

Command Mode: policy-map type data-plane : Create a policymap of DataPlane type to police/reclassify the traffic

Command Path:

```
# configure [['terminal', 't']]
(config)# policy-map type data-plane <WORD>
(config-pmap-dpp)# set cir <0-4398046510080> UNIT
```

set cir <0-4398046510080> UNIT

Description: Committed Rate

Syntax:

| | |
|-------------------|---------------------|
| <0-4398046510080> | Committed Rate |
| UNIT | Committed Rate Unit |

Command Mode: policy-map type data-plane : data-plane policy type

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# policy-map type data-plane <WORD>
(config-tenant-pmap-dpp)# set cir <0-4398046510080> UNIT
```

set community

set community regular|extended <value> additive|replace|none

Description: Set BGP community attribute

Syntax:

| | |
|--------------|---------------------------------|
| regular | BGP regular community |
| extended | BGP extended community |
| <i>value</i> | Community value in aa:nn format |
| additive | Add to existing community |
| replace | Replace existing community |
| none | Do not change community |

Command Mode: route-profile : Configure route-profile

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# vrf context <WORD>
(config-tenant-vrf)# route-profile <WORD>
(config-tenant-vrf-route-profile)# set community regular|extended <value>
additive|replace|none
```

set community regular|extended <value> additive|replace|none

Description: Set BGP community attribute

Syntax:

| | |
|--------------|---------------------------------|
| regular | BGP regular community |
| extended | BGP extended community |
| <i>value</i> | Community value in aa:nn format |
| additive | Add to existing community |
| replace | Replace existing community |
| none | Do not change community |

Command Mode: template route-profile : Configure route-profile template under tenant for BGP dampening and route redistribution

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# template route-profile <WORD> tenant <WORD>
(config-leaf-template-route-profile)# set community regular|extended <value>
additive|replace|none
```

set community regular|extended <value> additive|replace|none

Description: Set BGP community attribute

Syntax:

| | |
|--------------|---------------------------------|
| regular | BGP regular community |
| extended | BGP extended community |
| <i>value</i> | Community value in aa:nn format |
| additive | Add to existing community |
| replace | Replace existing community |
| none | Do not change community |

Command Mode: template route-profile : Configure route-profile template under VRF/L3Out for bridge-domain export

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# vrf context tenant <WORD> vrf <WORD> [l3out <l3out>]
(config-leaf-vrf)# template route-profile <WORD> <WORD> <NUMBER>
(config-leaf-vrf-template-route-profile)# set community regular|extended <value>
additive|replace|none
```

set community regular|extended <value> additive|replace|none

Description: Set BGP community attribute

Syntax:

| | |
|--------------|---------------------------------|
| regular | BGP regular community |
| extended | BGP extended community |
| <i>value</i> | Community value in aa:nn format |
| additive | Add to existing community |
| replace | Replace existing community |
| none | Do not change community |

Command Mode: match bridge-domain : Match subnets of a bridge-domain

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# vrf context tenant <WORD> vrf <WORD> [l3out <l3out>]
(config-leaf-vrf)# route-map <WORD>
(config-leaf-vrf-route-map)# match bridge-domain <> [tenant <tenant>]
(config-leaf-vrf-route-map-match)# set community regular|extended <value>
additive|replace|none
```

set community regular|extended <value> additive|replace|none**Description:** Set BGP community attribute**Syntax:**

| | |
|--------------|---------------------------------|
| regular | BGP regular community |
| extended | BGP extended community |
| <i>value</i> | Community value in aa:nn format |
| additive | Add to existing community |
| replace | Replace existing community |
| none | Do not change community |

Command Mode: match prefix-list : Match entries of a prefix-list**Command Path:**

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# vrf context tenant <WORD> vrf <WORD> [l3out <l3out>]
(config-leaf-vrf)# route-map <WORD>
(config-leaf-vrf-route-map)# match prefix-list <WORD> [deny]
(config-leaf-vrf-route-map-match)# set community regular|extended <value>
additive|replace|none
```

set community regular|extended <value> additive|replace|none**Description:** Set BGP community attribute**Syntax:**

| | |
|--------------|---------------------------------|
| regular | BGP regular community |
| extended | BGP extended community |
| <i>value</i> | Community value in aa:nn format |
| additive | Add to existing community |
| replace | Replace existing community |

| | |
|------|-------------------------|
| none | Do not change community |
|------|-------------------------|

Command Mode: match route group : Route group

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# vrf context tenant <WORD> vrf <WORD> [l3out <l3out>]
(config-leaf-vrf)# route-map <WORD>
(config-leaf-vrf-route-map)# match route group <> [order <order>] [deny]
(config-leaf-vrf-route-map-match)# set community regular|extended <value>
additive|replace|none
```

set community regular|extended <value> additive|replace|none

Description: Set BGP community attribute

Syntax:

| | |
|--------------|---------------------------------|
| regular | BGP regular community |
| extended | BGP extended community |
| <i>value</i> | Community value in aa:nn format |
| additive | Add to existing community |
| replace | Replace existing community |
| none | Do not change community |

Command Mode: template route-profile : Configure route-profile template under tenant for BGP dampening and route redistribution

Command Path:

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# template route-profile <WORD> tenant <WORD>
(config-leaf-template-route-profile)# set community regular|extended <value>
additive|replace|none
```

set community regular|extended <value> additive|replace|none

Description: Set BGP community attribute

Syntax:

| | |
|--------------|---------------------------------|
| regular | BGP regular community |
| extended | BGP extended community |
| <i>value</i> | Community value in aa:nn format |
| additive | Add to existing community |

| | |
|---------|----------------------------|
| replace | Replace existing community |
| none | Do not change community |

Command Mode: template route-profile : Configure route-profile template under VRF/L3Out for bridge-domain export

Command Path:

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# vrf context tenant <WORD> vrf <WORD> [l3out <l3out>]
(config-leaf-vrf)# template route-profile <WORD> <WORD> <NUMBER>
(config-leaf-vrf-template-route-profile)# set community regular|extended <value>
additive|replace|none
```

set community regular|extended <value> additive|replace|none

Description: Set BGP community attribute

Syntax:

| | |
|--------------|---------------------------------|
| regular | BGP regular community |
| extended | BGP extended community |
| <i>value</i> | Community value in aa:nn format |
| additive | Add to existing community |
| replace | Replace existing community |
| none | Do not change community |

Command Mode: match bridge-domain : Match subnets of a bridge-domain

Command Path:

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# vrf context tenant <WORD> vrf <WORD> [l3out <l3out>]
(config-leaf-vrf)# route-map <WORD>
(config-leaf-vrf-route-map)# match bridge-domain <> [tenant <tenant>]
(config-leaf-vrf-route-map-match)# set community regular|extended <value>
additive|replace|none
```

set community regular|extended <value> additive|replace|none

Description: Set BGP community attribute

Syntax:

| | |
|----------|------------------------|
| regular | BGP regular community |
| extended | BGP extended community |

| | |
|--------------|---------------------------------|
| <i>value</i> | Community value in aa:nn format |
| additive | Add to existing community |
| replace | Replace existing community |
| none | Do not change community |

Command Mode: match prefix-list : Match entries of a prefix-list

Command Path:

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# vrf context tenant <WORD> vrf <WORD> [l3out <l3out>]
(config-leaf-vrf)# route-map <WORD>
(config-leaf-vrf-route-map)# match prefix-list <WORD> [deny]
(config-leaf-vrf-route-map-match)# set community regular|extended <value>
additive|replace|none
```

set community regular|extended <value> additive|replace|none

Description: Set BGP community attribute

Syntax:

| | |
|--------------|---------------------------------|
| regular | BGP regular community |
| extended | BGP extended community |
| <i>value</i> | Community value in aa:nn format |
| additive | Add to existing community |
| replace | Replace existing community |
| none | Do not change community |

Command Mode: match route group : Route group

Command Path:

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# vrf context tenant <WORD> vrf <WORD> [l3out <l3out>]
(config-leaf-vrf)# route-map <WORD>
(config-leaf-vrf-route-map)# match route group <> [order <order>] [deny]
(config-leaf-vrf-route-map-match)# set community regular|extended <value>
additive|replace|none
```


set conform-cos-transmit

set conform-cos-transmit <0-6>

Description: Conform Policer Mark Cos

Syntax:

| | |
|-------|--------------------------|
| <0-6> | Conform Policer Mark Cos |
|-------|--------------------------|

Command Mode: policy-map type data-plane : Create a policymap of DataPlane type to police/reclassify the traffic

Command Path:

```
# configure [['terminal', 't']]
(config)# policy-map type data-plane <WORD>
(config-pmap-dpp)# set conform-cos-transmit <0-6>
```

set conform-cos-transmit <0-6>

Description: Conform Policer Mark Cos

Syntax:

| | |
|-------|--------------------------|
| <0-6> | Conform Policer Mark Cos |
|-------|--------------------------|

Command Mode: policy-map type data-plane : data-plane policy type

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# policy-map type data-plane <WORD>
(config-tenant-pmap-dpp)# set conform-cos-transmit <0-6>
```

set conform-dscp-transmit

set conform-dscp-transmit <0-63>

Description: Conform Policer Mark DSCP

Syntax:

| | |
|--------|---------------------------|
| <0-63> | Conform Policer Mark DSCP |
|--------|---------------------------|

Command Mode: policy-map type data-plane : Create a policymap of DataPlane type to police/reclassify the traffic

Command Path:

```
# configure [['terminal', 't']]
(config)# policy-map type data-plane <WORD>
(config-pmap-dpp)# set conform-dscp-transmit <0-63>
```

set conform-dscp-transmit <0-63>

Description: Conform Policer Mark DSCP

Syntax:

| | |
|--------|---------------------------|
| <0-63> | Conform Policer Mark DSCP |
|--------|---------------------------|

Command Mode: policy-map type data-plane : data-plane policy type

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# policy-map type data-plane <WORD>
(config-tenant-pmap-dpp)# set conform-dscp-transmit <0-63>
```

set conform

set conform <WORD>

Description: Conform Policer Action

Syntax:

| | |
|-------------|------------------------|
| <i>WORD</i> | Conform Policer Action |
|-------------|------------------------|

Command Mode: policy-map type data-plane : Create a policymap of DataPlane type to police/reclassify the traffic

Command Path:

```
# configure [['terminal', 't']]
(config)# policy-map type data-plane <WORD>
(config-pmap-dpp)# set conform <WORD>
```

set conform <WORD>

Description: Conform Policer Action

Syntax:

| | |
|-------------|------------------------|
| <i>WORD</i> | Conform Policer Action |
|-------------|------------------------|

Command Mode: policy-map type data-plane : data-plane policy type

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# policy-map type data-plane <WORD>
(config-tenant-pmap-dpp)# set conform <WORD>
```

set dampening

set dampening <NUMBER> <NUMBER> <NUMBER> <NUMBER>

Description: Route Flap dampening

Syntax:

| | |
|-----------|--|
| <1-60> | Decay half life. Number range from=1 to=60 |
| <1-20000> | Value to start reusing a route. Number range from=1 to=20000 |
| <1-20000> | Value to start suppressing a route. Number range from=1 to=20000 |
| <1-255> | Maximum suppress time for stable route. Number range from=1 to=255 |

Command Mode: template route-profile : Configure route-profile template under tenant for BGP dampening and route redistribution

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# template route-profile <WORD> tenant <WORD>
(config-leaf-template-route-profile)# set dampening <NUMBER> <NUMBER> <NUMBER> <NUMBER>
```

set dampening <NUMBER> <NUMBER> <NUMBER> <NUMBER>

Description: Route Flap dampening

Syntax:

| | |
|-----------|--|
| <1-60> | Decay half life. Number range from=1 to=60 |
| <1-20000> | Value to start reusing a route. Number range from=1 to=20000 |
| <1-20000> | Value to start suppressing a route. Number range from=1 to=20000 |
| <1-255> | Maximum suppress time for stable route. Number range from=1 to=255 |

Command Mode: template route-profile : Configure route-profile template under VRF/L3Out for bridge-domain export

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# vrf context tenant <WORD> vrf <WORD> [l3out <l3out>]
(config-leaf-vrf)# template route-profile <WORD> <WORD> <NUMBER>
(config-leaf-vrf-template-route-profile)# set dampening <NUMBER> <NUMBER> <NUMBER> <NUMBER>
```

set dampening <NUMBER> <NUMBER> <NUMBER> <NUMBER>**Description:** Route Flap dampening**Syntax:**

| | |
|-----------|--|
| <1-60> | Decay half life. Number range from=1 to=60 |
| <1-20000> | Value to start reusing a route. Number range from=1 to=20000 |
| <1-20000> | Value to start suppressing a route. Number range from=1 to=20000 |
| <1-255> | Maximum suppress time for stable route. Number range from=1 to=255 |

Command Mode: match bridge-domain : Match subnets of a bridge-domain**Command Path:**

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# vrf context tenant <WORD> vrf <WORD> [l3out <l3out>]
(config-leaf-vrf)# route-map <WORD>
(config-leaf-vrf-route-map)# match bridge-domain <> [tenant <tenant>]
(config-leaf-vrf-route-map-match)# set dampening <NUMBER> <NUMBER> <NUMBER> <NUMBER>
```

set dampening <NUMBER> <NUMBER> <NUMBER> <NUMBER>**Description:** Route Flap dampening**Syntax:**

| | |
|-----------|--|
| <1-60> | Decay half life. Number range from=1 to=60 |
| <1-20000> | Value to start reusing a route. Number range from=1 to=20000 |
| <1-20000> | Value to start suppressing a route. Number range from=1 to=20000 |
| <1-255> | Maximum suppress time for stable route. Number range from=1 to=255 |

Command Mode: match prefix-list : Match entries of a prefix-list**Command Path:**

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# vrf context tenant <WORD> vrf <WORD> [l3out <l3out>]
(config-leaf-vrf)# route-map <WORD>
(config-leaf-vrf-route-map)# match prefix-list <WORD> [deny]
(config-leaf-vrf-route-map-match)# set dampening <NUMBER> <NUMBER> <NUMBER> <NUMBER>
```

set dampening <NUMBER> <NUMBER> <NUMBER> <NUMBER>**Description:** Route Flap dampening**Syntax:**

| | |
|--------|--|
| <1-60> | Decay half life. Number range from=1 to=60 |
|--------|--|

| | |
|-----------|--|
| <1-20000> | Value to start reusing a route. Number range from=1 to=20000 |
| <1-20000> | Value to start suppressing a route. Number range from=1 to=20000 |
| <1-255> | Maximum suppress time for stable route. Number range from=1 to=255 |

Command Mode: match route group : Route group

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# vrf context tenant <WORD> vrf <WORD> [l3out <l3out>]
(config-leaf-vrf)# route-map <WORD>
(config-leaf-vrf-route-map)# match route group <> [order <order>] [deny]
(config-leaf-vrf-route-map-match)# set dampening <NUMBER> <NUMBER> <NUMBER> <NUMBER>
```

set dampening <NUMBER> <NUMBER> <NUMBER> <NUMBER>

Description: Route Flap dampening

Syntax:

| | |
|-----------|--|
| <1-60> | Decay half life. Number range from=1 to=60 |
| <1-20000> | Value to start reusing a route. Number range from=1 to=20000 |
| <1-20000> | Value to start suppressing a route. Number range from=1 to=20000 |
| <1-255> | Maximum suppress time for stable route. Number range from=1 to=255 |

Command Mode: template route-profile : Configure route-profile template under tenant for BGP dampening and route redistribution

Command Path:

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# template route-profile <WORD> tenant <WORD>
(config-leaf-template-route-profile)# set dampening <NUMBER> <NUMBER> <NUMBER> <NUMBER>
```

set dampening <NUMBER> <NUMBER> <NUMBER> <NUMBER>

Description: Route Flap dampening

Syntax:

| | |
|-----------|--|
| <1-60> | Decay half life. Number range from=1 to=60 |
| <1-20000> | Value to start reusing a route. Number range from=1 to=20000 |
| <1-20000> | Value to start suppressing a route. Number range from=1 to=20000 |
| <1-255> | Maximum suppress time for stable route. Number range from=1 to=255 |

Command Mode: template route-profile : Configure route-profile template under VRF/L3Out for bridge-domain export

Command Path:

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# vrf context tenant <WORD> vrf <WORD> [l3out <l3out>]
(config-leaf-vrf)# template route-profile <WORD> <WORD> <NUMBER>
(config-leaf-vrf-template-route-profile)# set dampening <NUMBER> <NUMBER> <NUMBER> <NUMBER>
```

set dampening <NUMBER> <NUMBER> <NUMBER> <NUMBER>

Description: Route Flap dampening

Syntax:

| | |
|-----------|--|
| <1-60> | Decay half life. Number range from=1 to=60 |
| <1-20000> | Value to start reusing a route. Number range from=1 to=20000 |
| <1-20000> | Value to start suppressing a route. Number range from=1 to=20000 |
| <1-255> | Maximum suppress time for stable route. Number range from=1 to=255 |

Command Mode: match bridge-domain : Match subnets of a bridge-domain

Command Path:

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# vrf context tenant <WORD> vrf <WORD> [l3out <l3out>]
(config-leaf-vrf)# route-map <WORD>
(config-leaf-vrf-route-map)# match bridge-domain <> [tenant <tenant>]
(config-leaf-vrf-route-map-match)# set dampening <NUMBER> <NUMBER> <NUMBER> <NUMBER>
```

set dampening <NUMBER> <NUMBER> <NUMBER> <NUMBER>

Description: Route Flap dampening

Syntax:

| | |
|-----------|--|
| <1-60> | Decay half life. Number range from=1 to=60 |
| <1-20000> | Value to start reusing a route. Number range from=1 to=20000 |
| <1-20000> | Value to start suppressing a route. Number range from=1 to=20000 |
| <1-255> | Maximum suppress time for stable route. Number range from=1 to=255 |

Command Mode: match prefix-list : Match entries of a prefix-list

Command Path:

```
# configure [['terminal', 't']]
```

```
(config)# spine <101-4000>
(config-spine)# vrf context tenant <WORD> vrf <WORD> [l3out <l3out>]
(config-leaf-vrf)# route-map <WORD>
(config-leaf-vrf-route-map)# match prefix-list <WORD> [deny]
(config-leaf-vrf-route-map-match)# set dampening <NUMBER> <NUMBER> <NUMBER> <NUMBER>
```

set dampening <NUMBER> <NUMBER> <NUMBER> <NUMBER>

Description: Route Flap dampening

Syntax:

| | |
|-----------|--|
| <1-60> | Decay half life. Number range from=1 to=60 |
| <1-20000> | Value to start reusing a route. Number range from=1 to=20000 |
| <1-20000> | Value to start suppressing a route. Number range from=1 to=20000 |
| <1-255> | Maximum suppress time for stable route. Number range from=1 to=255 |

Command Mode: match route group : Route group

Command Path:

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# vrf context tenant <WORD> vrf <WORD> [l3out <l3out>]
(config-leaf-vrf)# route-map <WORD>
(config-leaf-vrf-route-map)# match route group <> [order <order>] [deny]
(config-leaf-vrf-route-map-match)# set dampening <NUMBER> <NUMBER> <NUMBER> <NUMBER>
```


set dscp-code

set dscp-code <dscp-prop> <dscp-val>

Description: Set DSCP Class translation values

Syntax:

| | |
|------------------|-----------------|
| <i>dscp-prop</i> | DSCP Class Name |
| <i>dscp-val</i> | Dscp val |

Command Mode: qos : Set DSCP Class translation values

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# qos dscp-map <WORD>
(config-qos-cmap)# set dscp-code <dscp-prop> <dscp-val>
```

set dscp

set dscp <WORD>

Description: Specify the DSCP level for the EPG

Syntax:

| | |
|-------------|------------|
| <i>WORD</i> | DSCP value |
|-------------|------------|

Command Mode: external-l3 epg : External L3 EPG configuration mode

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# external-l3 epg <WORD> [oob-mgmt] [l3out <l3out>]
(config-tenant-l3ext-epg)# set dscp <WORD>
```

set exceed-cos-transmit

set exceed-cos-transmit <0-6>

Description: Exceed Policer Mark Cos

Syntax:

| | |
|-------|-------------------------|
| <0-6> | Exceed Policer Mark Cos |
|-------|-------------------------|

Command Mode: policy-map type data-plane : Create a policymap of DataPlane type to police/reclassify the traffic

Command Path:

```
# configure [['terminal', 't']]
(config)# policy-map type data-plane <WORD>
(config-pmap-dpp)# set exceed-cos-transmit <0-6>
```

set exceed-cos-transmit <0-6>

Description: Exceed Policer Mark Cos

Syntax:

| | |
|-------|-------------------------|
| <0-6> | Exceed Policer Mark Cos |
|-------|-------------------------|

Command Mode: policy-map type data-plane : data-plane policy type

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# policy-map type data-plane <WORD>
(config-tenant-pmap-dpp)# set exceed-cos-transmit <0-6>
```

set exceed-dscp-transmit

set exceed-dscp-transmit <0-63>

Description: Exceed Policer Mark DSCP

Syntax:

| | |
|--------|--------------------------|
| <0-63> | Exceed Policer Mark DSCP |
|--------|--------------------------|

Command Mode: policy-map type data-plane : Create a policymap of DataPlane type to police/reclassify the traffic

Command Path:

```
# configure [['terminal', 't']]
(config)# policy-map type data-plane <WORD>
(config-pmap-dpp)# set exceed-dscp-transmit <0-63>
```

set exceed-dscp-transmit <0-63>

Description: Exceed Policer Mark DSCP

Syntax:

| | |
|--------|--------------------------|
| <0-63> | Exceed Policer Mark DSCP |
|--------|--------------------------|

Command Mode: policy-map type data-plane : data-plane policy type

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# policy-map type data-plane <WORD>
(config-tenant-pmap-dpp)# set exceed-dscp-transmit <0-63>
```

set exceed

set exceed <WORD>

Description: Exceed Policer Action

Syntax:

| | |
|-------------|-----------------------|
| <i>WORD</i> | Exceed Policer Action |
|-------------|-----------------------|

Command Mode: policy-map type data-plane : Create a policymap of DataPlane type to police/reclassify the traffic

Command Path:

```
# configure [['terminal', 't']]
(config)# policy-map type data-plane <WORD>
(config-pmap-dpp)# set exceed <WORD>
```

set exceed <WORD>

Description: Exceed Policer Action

Syntax:

| | |
|-------------|-----------------------|
| <i>WORD</i> | Exceed Policer Action |
|-------------|-----------------------|

Command Mode: policy-map type data-plane : data-plane policy type

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# policy-map type data-plane <WORD>
(config-tenant-pmap-dpp)# set exceed <WORD>
```

set excessive-burst

set excessive-burst <0-549755813760> UNIT

Description: Excessive Burst Rate

Syntax:

| | |
|------------------|---------------------------|
| <0-549755813760> | Excessive Burst Rate |
| UNIT | Excessive Burst Rate Unit |

Command Mode: policy-map type data-plane : Create a policymap of DataPlane type to police/reclassify the traffic

Command Path:

```
# configure [['terminal', 't']]
(config)# policy-map type data-plane <WORD>
(config-pmap-dpp)# set excessive-burst <0-549755813760> UNIT
```

set excessive-burst <0-549755813760> UNIT

Description: Excessive Burst Rate

Syntax:

| | |
|------------------|---------------------------|
| <0-549755813760> | Excessive Burst Rate |
| UNIT | Excessive Burst Rate Unit |

Command Mode: policy-map type data-plane : data-plane policy type

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# policy-map type data-plane <WORD>
(config-tenant-pmap-dpp)# set excessive-burst <0-549755813760> UNIT
```

set local-preference

set local-preference <0-4294967295>

Description: BGP local preference path attribute

Syntax:

| | |
|----------------|------------------|
| <0-4294967295> | Preference value |
|----------------|------------------|

Command Mode: route-profile : Configure route-profile

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# vrf context <WORD>
(config-tenant-vrf)# route-profile <WORD>
(config-tenant-vrf-route-profile)# set local-preference <0-4294967295>
```

set local-preference <0-4294967295>

Description: BGP local preference path attribute

Syntax:

| | |
|----------------|------------------|
| <0-4294967295> | Preference value |
|----------------|------------------|

Command Mode: template route-profile : Configure route-profile template under tenant for BGP dampening and route redistribution

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# template route-profile <WORD> tenant <WORD>
(config-leaf-template-route-profile)# set local-preference <0-4294967295>
```

set local-preference <0-4294967295>

Description: BGP local preference path attribute

Syntax:

| | |
|----------------|------------------|
| <0-4294967295> | Preference value |
|----------------|------------------|

Command Mode: template route-profile : Configure route-profile template under VRF/L3Out for bridge-domain export

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
```

```
(config-leaf)# vrf context tenant <WORD> vrf <WORD> [l3out <l3out>]
(config-leaf-vrf)# template route-profile <WORD> <WORD> <NUMBER>
(config-leaf-vrf-template-route-profile)# set local-preference <0-4294967295>
```

set local-preference <0-4294967295>**Description:** BGP local preference path attribute**Syntax:**

| | |
|----------------|------------------|
| <0-4294967295> | Preference value |
|----------------|------------------|

Command Mode: match bridge-domain : Match subnets of a bridge-domain**Command Path:**

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# vrf context tenant <WORD> vrf <WORD> [l3out <l3out>]
(config-leaf-vrf)# route-map <WORD>
(config-leaf-vrf-route-map)# match bridge-domain <> [tenant <tenant>]
(config-leaf-vrf-route-map-match)# set local-preference <0-4294967295>
```

set local-preference <0-4294967295>**Description:** BGP local preference path attribute**Syntax:**

| | |
|----------------|------------------|
| <0-4294967295> | Preference value |
|----------------|------------------|

Command Mode: match prefix-list : Match entries of a prefix-list**Command Path:**

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# vrf context tenant <WORD> vrf <WORD> [l3out <l3out>]
(config-leaf-vrf)# route-map <WORD>
(config-leaf-vrf-route-map)# match prefix-list <WORD> [deny]
(config-leaf-vrf-route-map-match)# set local-preference <0-4294967295>
```

set local-preference <0-4294967295>**Description:** BGP local preference path attribute**Syntax:**

| | |
|----------------|------------------|
| <0-4294967295> | Preference value |
|----------------|------------------|

Command Mode: match route group : Route group**Command Path:**

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
```



```
(config-leaf)# vrf context tenant <WORD> vrf <WORD> [l3out <l3out>]
(config-leaf-vrf)# route-map <WORD>
(config-leaf-vrf-route-map)# match route group <> [order <order>] [deny]
(config-leaf-vrf-route-map-match)# set local-preference <0-4294967295>
```

set local-preference <0-4294967295>

Description: BGP local preference path attribute

Syntax:

| | |
|----------------|------------------|
| <0-4294967295> | Preference value |
|----------------|------------------|

Command Mode: template route-profile : Configure route-profile template under tenant for BGP dampening and route redistribution

Command Path:

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# template route-profile <WORD> tenant <WORD>
(config-leaf-template-route-profile)# set local-preference <0-4294967295>
```

set local-preference <0-4294967295>

Description: BGP local preference path attribute

Syntax:

| | |
|----------------|------------------|
| <0-4294967295> | Preference value |
|----------------|------------------|

Command Mode: template route-profile : Configure route-profile template under VRF/L3Out for bridge-domain export

Command Path:

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# vrf context tenant <WORD> vrf <WORD> [l3out <l3out>]
(config-leaf-vrf)# template route-profile <WORD> <WORD> <NUMBER>
(config-leaf-vrf-template-route-profile)# set local-preference <0-4294967295>
```

set local-preference <0-4294967295>

Description: BGP local preference path attribute

Syntax:

| | |
|----------------|------------------|
| <0-4294967295> | Preference value |
|----------------|------------------|

Command Mode: match bridge-domain : Match subnets of a bridge-domain

Command Path:

```
# configure [['terminal', 't']]
```

```
(config)# spine <101-4000>
(config-spine)# vrf context tenant <WORD> vrf <WORD> [l3out <l3out>]
(config-leaf-vrf)# route-map <WORD>
(config-leaf-vrf-route-map)# match bridge-domain <> [tenant <tenant>]
(config-leaf-vrf-route-map-match)# set local-preference <0-4294967295>
```

set local-preference <0-4294967295>**Description:** BGP local preference path attribute**Syntax:**

| | |
|----------------|------------------|
| <0-4294967295> | Preference value |
|----------------|------------------|

Command Mode: match prefix-list : Match entries of a prefix-list**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# vrf context tenant <WORD> vrf <WORD> [l3out <l3out>]
(config-leaf-vrf)# route-map <WORD>
(config-leaf-vrf-route-map)# match prefix-list <WORD> [deny]
(config-leaf-vrf-route-map-match)# set local-preference <0-4294967295>
```

set local-preference <0-4294967295>**Description:** BGP local preference path attribute**Syntax:**

| | |
|----------------|------------------|
| <0-4294967295> | Preference value |
|----------------|------------------|

Command Mode: match route group : Route group**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# vrf context tenant <WORD> vrf <WORD> [l3out <l3out>]
(config-leaf-vrf)# route-map <WORD>
(config-leaf-vrf-route-map)# match route group <> [order <order>] [deny]
(config-leaf-vrf-route-map-match)# set local-preference <0-4294967295>
```

set mac-auth

set mac-auth <WORD>

Description: Set MAC Auth

Syntax:

| | |
|-------------|---------------|
| <i>WORD</i> | MAC Auth Mode |
|-------------|---------------|

Command Mode: switchport port-authentication : Port authentication configuration

Command Path:

```
# configure [['terminal', 't']]
(config)# template policy-group <WORD>
(config-pol-grp-if)# switchport port-authentication <WORD>
(config-port-authentication)# set mac-auth <WORD>
```

set max-reauth-request

set max-reauth-request <1-10>

Description: Set max reauth request

Syntax:

| | |
|--------|--------------------|
| <1-10> | Max reauth request |
|--------|--------------------|

Command Mode: switchport port-authentication : Port authentication configuration

Command Path:

```
# configure [['terminal', 't']]
(config)# template policy-group <WORD>
(config-pol-grp-if)# switchport port-authentication <WORD>
(config-port-authentication)# set max-reauth-request <1-10>
```

set max-request

set max-request <2-10>

Description: Set max request

Syntax:

| | |
|--------|-------------|
| <2-10> | Max request |
|--------|-------------|

Command Mode: switchport port-authentication : Port authentication configuration

Command Path:

```
# configure [['terminal', 't']]
(config)# template policy-group <WORD>
(config-pol-grp-if)# switchport port-authentication <WORD>
(config-port-authentication)# set max-request <2-10>
```

set metric-type

set metric-type <metric-type>

Description: Type of metric for destination routing protocol

Syntax:

| | |
|---------------|---------------|
| <metric-type> | <metric-type> |
|---------------|---------------|

Command Mode: route-profile : Configure route-profile

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# vrf context <WORD>
(config-tenant-vrf)# route-profile <WORD>
(config-tenant-vrf-route-profile)# set metric-type <metric-type>
```

set metric-type <metric-type>

Description: Type of metric for destination routing protocol

Syntax:

| | |
|---------------|---------------|
| <metric-type> | <metric-type> |
|---------------|---------------|

Command Mode: template route-profile : Configure route-profile template under tenant for BGP dampening and route redistribution

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# template route-profile <WORD> tenant <WORD>
(config-leaf-template-route-profile)# set metric-type <metric-type>
```

set metric-type <metric-type>

Description: Type of metric for destination routing protocol

Syntax:

| | |
|---------------|---------------|
| <metric-type> | <metric-type> |
|---------------|---------------|

Command Mode: template route-profile : Configure route-profile template under VRF/L3Out for bridge-domain export

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
```

```
(config-leaf)# vrf context tenant <WORD> vrf <WORD> [l3out <l3out>]
(config-leaf-vrf)# template route-profile <WORD> <WORD> <NUMBER>
(config-leaf-vrf-template-route-profile)# set metric-type <metric-type>
```

set metric-type <metric-type>**Description:** Type of metric for destination routing protocol**Syntax:**

| | |
|---------------|---------------|
| <metric-type> | <metric-type> |
|---------------|---------------|

Command Mode: match bridge-domain : Match subnets of a bridge-domain**Command Path:**

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# vrf context tenant <WORD> vrf <WORD> [l3out <l3out>]
(config-leaf-vrf)# route-map <WORD>
(config-leaf-vrf-route-map)# match bridge-domain <> [tenant <tenant>]
(config-leaf-vrf-route-map-match)# set metric-type <metric-type>
```

set metric-type <metric-type>**Description:** Type of metric for destination routing protocol**Syntax:**

| | |
|---------------|---------------|
| <metric-type> | <metric-type> |
|---------------|---------------|

Command Mode: match prefix-list : Match entries of a prefix-list**Command Path:**

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# vrf context tenant <WORD> vrf <WORD> [l3out <l3out>]
(config-leaf-vrf)# route-map <WORD>
(config-leaf-vrf-route-map)# match prefix-list <WORD> [deny]
(config-leaf-vrf-route-map-match)# set metric-type <metric-type>
```

set metric-type <metric-type>**Description:** Type of metric for destination routing protocol**Syntax:**

| | |
|---------------|---------------|
| <metric-type> | <metric-type> |
|---------------|---------------|

Command Mode: match route group : Route group**Command Path:**

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
```

```
(config-leaf)# vrf context tenant <WORD> vrf <WORD> [l3out <l3out>]
(config-leaf-vrf)# route-map <WORD>
(config-leaf-vrf-route-map)# match route group <> [order <order>] [deny]
(config-leaf-vrf-route-map-match)# set metric-type <metric-type>
```

set metric-type <metric-type>**Description:** Type of metric for destination routing protocol**Syntax:**

| | |
|---------------|---------------|
| <metric-type> | <metric-type> |
|---------------|---------------|

Command Mode: template route-profile : Configure route-profile template under tenant for BGP dampening and route redistribution**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# template route-profile <WORD> tenant <WORD>
(config-leaf-template-route-profile)# set metric-type <metric-type>
```

set metric-type <metric-type>**Description:** Type of metric for destination routing protocol**Syntax:**

| | |
|---------------|---------------|
| <metric-type> | <metric-type> |
|---------------|---------------|

Command Mode: template route-profile : Configure route-profile template under VRF/L3Out for bridge-domain export**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# vrf context tenant <WORD> vrf <WORD> [l3out <l3out>]
(config-leaf-vrf)# template route-profile <WORD> <WORD> <NUMBER>
(config-leaf-vrf-template-route-profile)# set metric-type <metric-type>
```

set metric-type <metric-type>**Description:** Type of metric for destination routing protocol**Syntax:**

| | |
|---------------|---------------|
| <metric-type> | <metric-type> |
|---------------|---------------|

Command Mode: match bridge-domain : Match subnets of a bridge-domain**Command Path:**

```
# configure [['terminal', 't']]
```



```
(config)# spine <101-4000>
(config-spine)# vrf context tenant <WORD> vrf <WORD> [l3out <l3out>]
(config-leaf-vrf)# route-map <WORD>
(config-leaf-vrf-route-map)# match bridge-domain <> [tenant <tenant>]
(config-leaf-vrf-route-map-match)# set metric-type <metric-type>
```

set metric-type <metric-type>

Description: Type of metric for destination routing protocol

Syntax:

| | |
|---------------|---------------|
| <metric-type> | <metric-type> |
|---------------|---------------|

Command Mode: match prefix-list : Match entries of a prefix-list

Command Path:

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# vrf context tenant <WORD> vrf <WORD> [l3out <l3out>]
(config-leaf-vrf)# route-map <WORD>
(config-leaf-vrf-route-map)# match prefix-list <WORD> [deny]
(config-leaf-vrf-route-map-match)# set metric-type <metric-type>
```

set metric-type <metric-type>

Description: Type of metric for destination routing protocol

Syntax:

| | |
|---------------|---------------|
| <metric-type> | <metric-type> |
|---------------|---------------|

Command Mode: match route group : Route group

Command Path:

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# vrf context tenant <WORD> vrf <WORD> [l3out <l3out>]
(config-leaf-vrf)# route-map <WORD>
(config-leaf-vrf-route-map)# match route group <> [order <order>] [deny]
(config-leaf-vrf-route-map-match)# set metric-type <metric-type>
```

set metric

set metric <NUMBER>

Description: Set metric for destination routing protocol

Syntax:

| | |
|---------|--|
| <0-255> | Metric value. Number range from=0 to=255 |
|---------|--|

Command Mode: route-profile : Configure route-profile

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# vrf context <WORD>
(config-tenant-vrf)# route-profile <WORD>
(config-tenant-vrf-route-profile)# set metric <NUMBER>
```

set metric <NUMBER>

Description: Set metric for destination routing protocol

Syntax:

| | |
|---------|--|
| <0-255> | Metric value. Number range from=0 to=255 |
|---------|--|

Command Mode: template route-profile : Configure route-profile template under tenant for BGP dampening and route redistribution

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# template route-profile <WORD> tenant <WORD>
(config-leaf-template-route-profile)# set metric <NUMBER>
```

set metric <NUMBER>

Description: Set metric for destination routing protocol

Syntax:

| | |
|---------|--|
| <0-255> | Metric value. Number range from=0 to=255 |
|---------|--|

Command Mode: template route-profile : Configure route-profile template under VRF/L3Out for bridge-domain export

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
```

```
(config-leaf)# vrf context tenant <WORD> vrf <WORD> [l3out <l3out>]
(config-leaf-vrf)# template route-profile <WORD> <WORD> <NUMBER>
(config-leaf-vrf-template-route-profile)# set metric <NUMBER>
```

set metric <NUMBER>**Description:** Set metric for destination routing protocol**Syntax:**

| | |
|---------|--|
| <0-255> | Metric value. Number range from=0 to=255 |
|---------|--|

Command Mode: match bridge-domain : Match subnets of a bridge-domain**Command Path:**

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# vrf context tenant <WORD> vrf <WORD> [l3out <l3out>]
(config-leaf-vrf)# route-map <WORD>
(config-leaf-vrf-route-map)# match bridge-domain <> [tenant <tenant>]
(config-leaf-vrf-route-map-match)# set metric <NUMBER>
```

set metric <NUMBER>**Description:** Set metric for destination routing protocol**Syntax:**

| | |
|---------|--|
| <0-255> | Metric value. Number range from=0 to=255 |
|---------|--|

Command Mode: match prefix-list : Match entries of a prefix-list**Command Path:**

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# vrf context tenant <WORD> vrf <WORD> [l3out <l3out>]
(config-leaf-vrf)# route-map <WORD>
(config-leaf-vrf-route-map)# match prefix-list <WORD> [deny]
(config-leaf-vrf-route-map-match)# set metric <NUMBER>
```

set metric <NUMBER>**Description:** Set metric for destination routing protocol**Syntax:**

| | |
|---------|--|
| <0-255> | Metric value. Number range from=0 to=255 |
|---------|--|

Command Mode: match route group : Route group**Command Path:**

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
```

```
(config-leaf)# vrf context tenant <WORD> vrf <WORD> [l3out <l3out>]
(config-leaf-vrf)# route-map <WORD>
(config-leaf-vrf-route-map)# match route group <> [order <order>] [deny]
(config-leaf-vrf-route-map-match)# set metric <NUMBER>
```

set metric <NUMBER>**Description:** Set metric for destination routing protocol**Syntax:**

| | |
|---------|--|
| <0-255> | Metric value. Number range from=0 to=255 |
|---------|--|

Command Mode: template route-profile : Configure route-profile template under tenant for BGP dampening and route redistribution**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# template route-profile <WORD> tenant <WORD>
(config-leaf-template-route-profile)# set metric <NUMBER>
```

set metric <NUMBER>**Description:** Set metric for destination routing protocol**Syntax:**

| | |
|---------|--|
| <0-255> | Metric value. Number range from=0 to=255 |
|---------|--|

Command Mode: template route-profile : Configure route-profile template under VRF/L3Out for bridge-domain export**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# vrf context tenant <WORD> vrf <WORD> [l3out <l3out>]
(config-leaf-vrf)# template route-profile <WORD> <WORD> <NUMBER>
(config-leaf-vrf-template-route-profile)# set metric <NUMBER>
```

set metric <NUMBER>**Description:** Set metric for destination routing protocol**Syntax:**

| | |
|---------|--|
| <0-255> | Metric value. Number range from=0 to=255 |
|---------|--|

Command Mode: match bridge-domain : Match subnets of a bridge-domain**Command Path:**

```
# configure [['terminal', 't']]
```

```
(config)# spine <101-4000>
(config-spine)# vrf context tenant <WORD> vrf <WORD> [l3out <l3out>]
(config-leaf-vrf)# route-map <WORD>
(config-leaf-vrf-route-map)# match bridge-domain <> [tenant <tenant>]
(config-leaf-vrf-route-map-match)# set metric <NUMBER>
```

set metric <NUMBER>**Description:** Set metric for destination routing protocol**Syntax:**

| | |
|---------|--|
| <0-255> | Metric value. Number range from=0 to=255 |
|---------|--|

Command Mode: match prefix-list : Match entries of a prefix-list**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# vrf context tenant <WORD> vrf <WORD> [l3out <l3out>]
(config-leaf-vrf)# route-map <WORD>
(config-leaf-vrf-route-map)# match prefix-list <WORD> [deny]
(config-leaf-vrf-route-map-match)# set metric <NUMBER>
```

set metric <NUMBER>**Description:** Set metric for destination routing protocol**Syntax:**

| | |
|---------|--|
| <0-255> | Metric value. Number range from=0 to=255 |
|---------|--|

Command Mode: match route group : Route group**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# vrf context tenant <WORD> vrf <WORD> [l3out <l3out>]
(config-leaf-vrf)# route-map <WORD>
(config-leaf-vrf-route-map)# match route group <> [order <order>] [deny]
(config-leaf-vrf-route-map-match)# set metric <NUMBER>
```

set mode

set mode <WORD>

Description: Policer Mode

Syntax:

| | |
|-------------|--------------|
| <i>WORD</i> | Policer Mode |
|-------------|--------------|

Command Mode: policy-map type data-plane : Create a policymap of DataPlane type to police/reclassify the traffic

Command Path:

```
# configure [['terminal', 't']]
(config)# policy-map type data-plane <WORD>
(config-pmap-dpp)# set mode <WORD>
```

set mode <WORD>

Description: Policer Mode

Syntax:

| | |
|-------------|--------------|
| <i>WORD</i> | Policer Mode |
|-------------|--------------|

Command Mode: policy-map type data-plane : data-plane policy type

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# policy-map type data-plane <WORD>
(config-tenant-pmap-dpp)# set mode <WORD>
```

set next-hop

set next-hop <IPv4 or IPv6 address>

Description: Set next hop for destination routing protocol

Syntax:

| | |
|-----------------------------|------------------|
| <i>IPv4 or IPv6 address</i> | Next hop address |
|-----------------------------|------------------|

Command Mode: route-profile : Configure route-profile

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# vrf context <WORD>
(config-tenant-vrf)# route-profile <WORD>
(config-tenant-vrf-route-profile)# set next-hop <IPv4 or IPv6 address>
```

set next-hop <IPv4 or IPv6 address>

Description: Set next hop address

Syntax:

| | |
|-----------------------------|------------------|
| <i>IPv4 or IPv6 address</i> | Next hop address |
|-----------------------------|------------------|

Command Mode: template route-profile : Configure route-profile template under tenant for BGP dampening and route redistribution

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# template route-profile <WORD> tenant <WORD>
(config-leaf-template-route-profile)# set next-hop <IPv4 or IPv6 address>
```

set next-hop <IPv4 or IPv6 address>

Description: Set next hop address

Syntax:

| | |
|-----------------------------|------------------|
| <i>IPv4 or IPv6 address</i> | Next hop address |
|-----------------------------|------------------|

Command Mode: template route-profile : Configure route-profile template under VRF/L3Out for bridge-domain export

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
```

```
(config-leaf)# vrf context tenant <WORD> vrf <WORD> [l3out <l3out>]
(config-leaf-vrf)# template route-profile <WORD> <WORD> <NUMBER>
(config-leaf-vrf-template-route-profile)# set next-hop <IPv4 or IPv6 address>
```

set next-hop <IPv4 or IPv6 address>**Description:** Set next hop address**Syntax:**

| | |
|-----------------------------|------------------|
| <i>IPv4 or IPv6 address</i> | Next hop address |
|-----------------------------|------------------|

Command Mode: match bridge-domain : Match subnets of a bridge-domain**Command Path:**

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# vrf context tenant <WORD> vrf <WORD> [l3out <l3out>]
(config-leaf-vrf)# route-map <WORD>
(config-leaf-vrf-route-map)# match bridge-domain <> [tenant <tenant>]
(config-leaf-vrf-route-map-match)# set next-hop <IPv4 or IPv6 address>
```

set next-hop <IPv4 or IPv6 address>**Description:** Set next hop address**Syntax:**

| | |
|-----------------------------|------------------|
| <i>IPv4 or IPv6 address</i> | Next hop address |
|-----------------------------|------------------|

Command Mode: match prefix-list : Match entries of a prefix-list**Command Path:**

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# vrf context tenant <WORD> vrf <WORD> [l3out <l3out>]
(config-leaf-vrf)# route-map <WORD>
(config-leaf-vrf-route-map)# match prefix-list <WORD> [deny]
(config-leaf-vrf-route-map-match)# set next-hop <IPv4 or IPv6 address>
```

set next-hop <IPv4 or IPv6 address>**Description:** Set next hop address**Syntax:**

| | |
|-----------------------------|------------------|
| <i>IPv4 or IPv6 address</i> | Next hop address |
|-----------------------------|------------------|

Command Mode: match route group : Route group**Command Path:**

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
```



```
(config-leaf)# vrf context tenant <WORD> vrf <WORD> [l3out <l3out>]
(config-leaf-vrf)# route-map <WORD>
(config-leaf-vrf-route-map)# match route group <> [order <order>] [deny]
(config-leaf-vrf-route-map-match)# set next-hop <IPv4 or IPv6 address>
```

set next-hop <IPv4 or IPv6 address>**Description:** Set next hop address**Syntax:**

| | |
|-----------------------------|------------------|
| <i>IPv4 or IPv6 address</i> | Next hop address |
|-----------------------------|------------------|

Command Mode: template route-profile : Configure route-profile template under tenant for BGP dampening and route redistribution**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# template route-profile <WORD> tenant <WORD>
(config-leaf-template-route-profile)# set next-hop <IPv4 or IPv6 address>
```

set next-hop <IPv4 or IPv6 address>**Description:** Set next hop address**Syntax:**

| | |
|-----------------------------|------------------|
| <i>IPv4 or IPv6 address</i> | Next hop address |
|-----------------------------|------------------|

Command Mode: template route-profile : Configure route-profile template under VRF/L3Out for bridge-domain export**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# vrf context tenant <WORD> vrf <WORD> [l3out <l3out>]
(config-leaf-vrf)# template route-profile <WORD> <WORD> <NUMBER>
(config-leaf-vrf-template-route-profile)# set next-hop <IPv4 or IPv6 address>
```

set next-hop <IPv4 or IPv6 address>**Description:** Set next hop address**Syntax:**

| | |
|-----------------------------|------------------|
| <i>IPv4 or IPv6 address</i> | Next hop address |
|-----------------------------|------------------|

Command Mode: match bridge-domain : Match subnets of a bridge-domain**Command Path:**

```
# configure [['terminal', 't']]
```

```
(config)# spine <101-4000>
(config-spine)# vrf context tenant <WORD> vrf <WORD> [l3out <l3out>]
(config-leaf-vrf)# route-map <WORD>
(config-leaf-vrf-route-map)# match bridge-domain <> [tenant <tenant>]
(config-leaf-vrf-route-map-match)# set next-hop <IPv4 or IPv6 address>
```

set next-hop <IPv4 or IPv6 address>**Description:** Set next hop address**Syntax:**

| | |
|-----------------------------|------------------|
| <i>IPv4 or IPv6 address</i> | Next hop address |
|-----------------------------|------------------|

Command Mode: match prefix-list : Match entries of a prefix-list**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# vrf context tenant <WORD> vrf <WORD> [l3out <l3out>]
(config-leaf-vrf)# route-map <WORD>
(config-leaf-vrf-route-map)# match prefix-list <WORD> [deny]
(config-leaf-vrf-route-map-match)# set next-hop <IPv4 or IPv6 address>
```

set next-hop <IPv4 or IPv6 address>**Description:** Set next hop address**Syntax:**

| | |
|-----------------------------|------------------|
| <i>IPv4 or IPv6 address</i> | Next hop address |
|-----------------------------|------------------|

Command Mode: match route group : Route group**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# vrf context tenant <WORD> vrf <WORD> [l3out <l3out>]
(config-leaf-vrf)# route-map <WORD>
(config-leaf-vrf-route-map)# match route group <> [order <order>] [deny]
(config-leaf-vrf-route-map-match)# set next-hop <IPv4 or IPv6 address>
```

set pir

set pir <0-4398046510080> UNIT

Description: Peak Rate

Syntax:

| | |
|-------------------|-----------|
| <0-4398046510080> | Peak Rate |
| UNIT | Pir Unit |

Command Mode: policy-map type data-plane : Create a policymap of DataPlane type to police/reclassify the traffic

Command Path:

```
# configure [['terminal', 't']]
(config)# policy-map type data-plane <WORD>
(config-pmap-dpp)# set pir <0-4398046510080> UNIT
```

set pir <0-4398046510080> UNIT

Description: Peak Rate

Syntax:

| | |
|-------------------|-----------|
| <0-4398046510080> | Peak Rate |
| UNIT | Pir Unit |

Command Mode: policy-map type data-plane : data-plane policy type

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# policy-map type data-plane <WORD>
(config-tenant-pmap-dpp)# set pir <0-4398046510080> UNIT
```

set qos-class

set qos-class <WORD>

Description: Class of QOS to specify

Syntax:

| | |
|-------------|-----------|
| <i>WORD</i> | Qos Level |
|-------------|-----------|

Command Mode: contract : Configure binary contracts between Application EPGs

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# contract <WORD> [type <type>]
(config-tenant-contract)# set qos-class <WORD>
```

set qos-class <WORD> WORD

Description: Class of QOS to specify

Syntax:

| | |
|-------------|----------------------|
| <i>WORD</i> | Qos Level |
| <i>WORD</i> | Target QOS Direction |

Command Mode: subject : Configuration a subject on the contract

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# contract <WORD> [type <type>]
(config-tenant-contract)# subject <WORD>
(config-tenant-contract-subj)# set qos-class <WORD> WORD
```

set qos-class unspecified|level1|level2|level3

Description: Specify the QOS level for the EPG

Syntax:

| | |
|-------------|-----------------------|
| unspecified | Unspecified QoS level |
| level1 | QoS level1 |
| level2 | QoS level2 |
| level3 | QoS level3 |

Command Mode: external-l3 epg : External L3 EPG configuration mode

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# external-l3 epg <WORD> [oob-mgmt] [l3out <l3out>]
(config-tenant-l3ext-epg)# set qos-class unspecified|level1|level2|level3
```

set reauth-period

set reauth-period <30-2147483>

Description: Set reauth period

Syntax:

| | |
|--------------|--------------------|
| <30-2147483> | Max reauth request |
|--------------|--------------------|

Command Mode: switchport port-authentication : Port authentication configuration

Command Path:

```
# configure [['terminal', 't']]
(config)# template policy-group <WORD>
(config-pol-grp-if)# switchport port-authentication <WORD>
(config-port-authentication)# set reauth-period <30-2147483>
```

set reauth

set reauth

Description: Enable reauth request

Command Mode: switchport port-authentication : Port authentication configuration

Command Path:

```
# configure [['terminal', 't']]
(config)# template policy-group <WORD>
(config-pol-grp-if)# switchport port-authentication <WORD>
(config-port-authentication)# set reauth
```

set server-timeout

set server-timeout <10-65535>

Description: Set server timeout

Syntax:

| | |
|------------|--------------------|
| <10-65535> | Max reauth request |
|------------|--------------------|

Command Mode: switchport port-authentication : Port authentication configuration

Command Path:

```
# configure [['terminal', 't']]
(config)# template policy-group <WORD>
(config-pol-grp-if)# switchport port-authentication <WORD>
(config-port-authentication)# set server-timeout <10-65535>
```


set sharing-mode

set sharing-mode <WORD>

Description: Policer Sharing Mode

Syntax:

| | |
|-------------|--------------|
| <i>WORD</i> | Policer Mode |
|-------------|--------------|

Command Mode: policy-map type data-plane : Create a policymap of DataPlane type to police/reclassify the traffic

Command Path:

```
# configure [['terminal', 't']]
(config)# policy-map type data-plane <WORD>
(config-pmap-dpp)# set sharing-mode <WORD>
```

set sharing-mode <WORD>

Description: Policer Sharing Mode

Syntax:

| | |
|-------------|--------------|
| <i>WORD</i> | Policer Mode |
|-------------|--------------|

Command Mode: policy-map type data-plane : data-plane policy type

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# policy-map type data-plane <WORD>
(config-tenant-pmap-dpp)# set sharing-mode <WORD>
```

set supp-timeout

set supp-timeout <10-65535>

Description: Set supplicant timeout

Syntax:

| | |
|------------|--------------------|
| <10-65535> | Max reauth request |
|------------|--------------------|

Command Mode: switchport port-authentication : Port authentication configuration

Command Path:

```
# configure [['terminal', 't']]
(config)# template policy-group <WORD>
(config-pol-grp-if)# switchport port-authentication <WORD>
(config-port-authentication)# set supp-timeout <10-65535>
```

set tag

set tag <NUMBER>

Description: Tag value for destination routing protocol

Syntax:

| | |
|----------------|--|
| <0-4294967295> | Tag value. Number range from=0 to=4294967295 |
|----------------|--|

Command Mode: route-profile : Configure route-profile

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# vrf context <WORD>
(config-tenant-vrf)# route-profile <WORD>
(config-tenant-vrf-route-profile)# set tag <NUMBER>
```

set tag <NUMBER>

Description: Tag value for destination routing protocol

Syntax:

| | |
|----------------|--|
| <0-4294967295> | Tag value. Number range from=0 to=4294967295 |
|----------------|--|

Command Mode: template route-profile : Configure route-profile template under tenant for BGP dampening and route redistribution

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# template route-profile <WORD> tenant <WORD>
(config-leaf-template-route-profile)# set tag <NUMBER>
```

set tag <NUMBER>

Description: Tag value for destination routing protocol

Syntax:

| | |
|----------------|--|
| <0-4294967295> | Tag value. Number range from=0 to=4294967295 |
|----------------|--|

Command Mode: template route-profile : Configure route-profile template under VRF/L3Out for bridge-domain export

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
```

```
(config-leaf)# vrf context tenant <WORD> vrf <WORD> [l3out <l3out>]
(config-leaf-vrf)# template route-profile <WORD> <WORD> <NUMBER>
(config-leaf-vrf-template-route-profile)# set tag <NUMBER>
```

set tag <NUMBER>**Description:** Tag value for destination routing protocol**Syntax:**

| | |
|----------------|--|
| <0-4294967295> | Tag value. Number range from=0 to=4294967295 |
|----------------|--|

Command Mode: match bridge-domain : Match subnets of a bridge-domain**Command Path:**

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# vrf context tenant <WORD> vrf <WORD> [l3out <l3out>]
(config-leaf-vrf)# route-map <WORD>
(config-leaf-vrf-route-map)# match bridge-domain <> [tenant <tenant>]
(config-leaf-vrf-route-map-match)# set tag <NUMBER>
```

set tag <NUMBER>**Description:** Tag value for destination routing protocol**Syntax:**

| | |
|----------------|--|
| <0-4294967295> | Tag value. Number range from=0 to=4294967295 |
|----------------|--|

Command Mode: match prefix-list : Match entries of a prefix-list**Command Path:**

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# vrf context tenant <WORD> vrf <WORD> [l3out <l3out>]
(config-leaf-vrf)# route-map <WORD>
(config-leaf-vrf-route-map)# match prefix-list <WORD> [deny]
(config-leaf-vrf-route-map-match)# set tag <NUMBER>
```

set tag <NUMBER>**Description:** Tag value for destination routing protocol**Syntax:**

| | |
|----------------|--|
| <0-4294967295> | Tag value. Number range from=0 to=4294967295 |
|----------------|--|

Command Mode: match route group : Route group**Command Path:**

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
```

```
(config-leaf)# vrf context tenant <WORD> vrf <WORD> [l3out <l3out>]
(config-leaf-vrf)# route-map <WORD>
(config-leaf-vrf-route-map)# match route group <> [order <order>] [deny]
(config-leaf-vrf-route-map-match)# set tag <NUMBER>
```

set tag <NUMBER>**Description:** Tag value for destination routing protocol**Syntax:**

| | |
|----------------|--|
| <0-4294967295> | Tag value. Number range from=0 to=4294967295 |
|----------------|--|

Command Mode: template route-profile : Configure route-profile template under tenant for BGP dampening and route redistribution**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# template route-profile <WORD> tenant <WORD>
(config-leaf-template-route-profile)# set tag <NUMBER>
```

set tag <NUMBER>**Description:** Tag value for destination routing protocol**Syntax:**

| | |
|----------------|--|
| <0-4294967295> | Tag value. Number range from=0 to=4294967295 |
|----------------|--|

Command Mode: template route-profile : Configure route-profile template under VRF/L3Out for bridge-domain export**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# vrf context tenant <WORD> vrf <WORD> [l3out <l3out>]
(config-leaf-vrf)# template route-profile <WORD> <WORD> <NUMBER>
(config-leaf-vrf-template-route-profile)# set tag <NUMBER>
```

set tag <NUMBER>**Description:** Tag value for destination routing protocol**Syntax:**

| | |
|----------------|--|
| <0-4294967295> | Tag value. Number range from=0 to=4294967295 |
|----------------|--|

Command Mode: match bridge-domain : Match subnets of a bridge-domain**Command Path:**

```
# configure [['terminal', 't']]
```

```
(config)# spine <101-4000>
(config-spine)# vrf context tenant <WORD> vrf <WORD> [l3out <l3out>]
(config-leaf-vrf)# route-map <WORD>
(config-leaf-vrf-route-map)# match bridge-domain <> [tenant <tenant>]
(config-leaf-vrf-route-map-match)# set tag <NUMBER>
```

set tag <NUMBER>**Description:** Tag value for destination routing protocol**Syntax:**

| | |
|----------------|--|
| <0-4294967295> | Tag value. Number range from=0 to=4294967295 |
|----------------|--|

Command Mode: match prefix-list : Match entries of a prefix-list**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# vrf context tenant <WORD> vrf <WORD> [l3out <l3out>]
(config-leaf-vrf)# route-map <WORD>
(config-leaf-vrf-route-map)# match prefix-list <WORD> [deny]
(config-leaf-vrf-route-map-match)# set tag <NUMBER>
```

set tag <NUMBER>**Description:** Tag value for destination routing protocol**Syntax:**

| | |
|----------------|--|
| <0-4294967295> | Tag value. Number range from=0 to=4294967295 |
|----------------|--|

Command Mode: match route group : Route group**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# vrf context tenant <WORD> vrf <WORD> [l3out <l3out>]
(config-leaf-vrf)# route-map <WORD>
(config-leaf-vrf-route-map)# match route group <> [order <order>] [deny]
(config-leaf-vrf-route-map-match)# set tag <NUMBER>
```

set target-dscp

set target-dscp <WORD>

Description: class of target dscp to specify

Syntax:

| | |
|-------------|-------------|
| <i>WORD</i> | Target dscp |
|-------------|-------------|

Command Mode: contract : Configure binary contracts between Application EPGs

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# contract <WORD> [type <type>]
(config-tenant-contract)# set target-dscp <WORD>
```

set target-dscp <WORD> WORD

Description: class of target dscp to specify

Syntax:

| | |
|-------------|-----------------------|
| <i>WORD</i> | Target dscp |
| <i>WORD</i> | Target DSCP Direction |

Command Mode: subject : Configuration a subject on the contract

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# contract <WORD> [type <type>]
(config-tenant-contract)# subject <WORD>
(config-tenant-contract-subj)# set target-dscp <WORD> WORD
```

set tx-period

set tx-period <10-65535>

Description: Set Tx period

Syntax:

| | |
|------------|--------------------|
| <10-65535> | Max reauth request |
|------------|--------------------|

Command Mode: switchport port-authentication : Port authentication configuration

Command Path:

```
# configure [['terminal', 't']]
(config)# template policy-group <WORD>
(config-pol-grp-if)# switchport port-authentication <WORD>
(config-port-authentication)# set tx-period <10-65535>
```


set type

set type <WORD>

Description: Policer type

Syntax:

| | |
|-------------|--------------|
| <i>WORD</i> | Policer Type |
|-------------|--------------|

Command Mode: policy-map type data-plane : Create a policymap of DataPlane type to police/reclassify the traffic

Command Path:

```
# configure [['terminal', 't']]
(config)# policy-map type data-plane <WORD>
(config-pmap-dpp)# set type <WORD>
```

set type <WORD>

Description: Policer type

Syntax:

| | |
|-------------|--------------|
| <i>WORD</i> | Policer Type |
|-------------|--------------|

Command Mode: policy-map type data-plane : data-plane policy type

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# policy-map type data-plane <WORD>
(config-tenant-pmap-dpp)# set type <WORD>
```

set violate-cos-transmit

set violate-cos-transmit <0-6>

Description: Violate Policer Mark Cos

Syntax:

| | |
|-------|--------------------------|
| <0-6> | Violate Policer Mark Cos |
|-------|--------------------------|

Command Mode: policy-map type data-plane : Create a policymap of DataPlane type to police/reclassify the traffic

Command Path:

```
# configure [['terminal', 't']]
(config)# policy-map type data-plane <WORD>
(config-pmap-dpp)# set violate-cos-transmit <0-6>
```

set violate-cos-transmit <0-6>

Description: Violate Policer Mark Cos

Syntax:

| | |
|-------|--------------------------|
| <0-6> | Violate Policer Mark Cos |
|-------|--------------------------|

Command Mode: policy-map type data-plane : data-plane policy type

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# policy-map type data-plane <WORD>
(config-tenant-pmap-dpp)# set violate-cos-transmit <0-6>
```

set violate-dscp-transmit

set violate-dscp-transmit <0-63>

Description: Violate Policer Mark DSCP

Syntax:

| | |
|--------|---------------------------|
| <0-63> | Violate Policer Mark DSCP |
|--------|---------------------------|

Command Mode: policy-map type data-plane : Create a policymap of DataPlane type to police/reclassify the traffic

Command Path:

```
# configure [['terminal', 't']]
(config)# policy-map type data-plane <WORD>
(config-pmap-dpp)# set violate-dscp-transmit <0-63>
```

set violate-dscp-transmit <0-63>

Description: Violate Policer Mark DSCP

Syntax:

| | |
|--------|---------------------------|
| <0-63> | Violate Policer Mark DSCP |
|--------|---------------------------|

Command Mode: policy-map type data-plane : data-plane policy type

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# policy-map type data-plane <WORD>
(config-tenant-pmap-dpp)# set violate-dscp-transmit <0-63>
```

set violate

set violate <WORD>

Description: Violate Policer Action

Syntax:

| | |
|-------------|------------------------|
| <i>WORD</i> | Violate Policer Action |
|-------------|------------------------|

Command Mode: policy-map type data-plane : Create a policymap of DataPlane type to police/reclassify the traffic

Command Path:

```
# configure [['terminal', 't']]
(config)# policy-map type data-plane <WORD>
(config-pmap-dpp)# set violate <WORD>
```

set violate <WORD>

Description: Violate Policer Action

Syntax:

| | |
|-------------|------------------------|
| <i>WORD</i> | Violate Policer Action |
|-------------|------------------------|

Command Mode: policy-map type data-plane : data-plane policy type

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# policy-map type data-plane <WORD>
(config-tenant-pmap-dpp)# set violate <WORD>
```

set weight

set weight <NUMBER>

Description: Weight value for destination routing protocol

Syntax:

| | |
|-----------|--|
| <0-65535> | Weight value. Number range from=0 to=65535 |
|-----------|--|

Command Mode: route-profile : Configure route-profile

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# vrf context <WORD>
(config-tenant-vrf)# route-profile <WORD>
(config-tenant-vrf-route-profile)# set weight <NUMBER>
```

set weight <NUMBER>

Description: Weight value for destination routing protocol

Syntax:

| | |
|-----------|--|
| <0-65535> | Weight value. Number range from=0 to=65535 |
|-----------|--|

Command Mode: template route-profile : Configure route-profile template under tenant for BGP dampening and route redistribution

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# template route-profile <WORD> tenant <WORD>
(config-leaf-template-route-profile)# set weight <NUMBER>
```

set weight <NUMBER>

Description: Weight value for destination routing protocol

Syntax:

| | |
|-----------|--|
| <0-65535> | Weight value. Number range from=0 to=65535 |
|-----------|--|

Command Mode: template route-profile : Configure route-profile template under VRF/L3Out for bridge-domain export

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
```

```
(config-leaf)# vrf context tenant <WORD> vrf <WORD> [l3out <l3out>]
(config-leaf-vrf)# template route-profile <WORD> <WORD> <NUMBER>
(config-leaf-vrf-template-route-profile)# set weight <NUMBER>
```

set weight <NUMBER>**Description:** Weight value for destination routing protocol**Syntax:**

| | |
|-----------|--|
| <0-65535> | Weight value. Number range from=0 to=65535 |
|-----------|--|

Command Mode: match bridge-domain : Match subnets of a bridge-domain**Command Path:**

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# vrf context tenant <WORD> vrf <WORD> [l3out <l3out>]
(config-leaf-vrf)# route-map <WORD>
(config-leaf-vrf-route-map)# match bridge-domain <> [tenant <tenant>]
(config-leaf-vrf-route-map-match)# set weight <NUMBER>
```

set weight <NUMBER>**Description:** Weight value for destination routing protocol**Syntax:**

| | |
|-----------|--|
| <0-65535> | Weight value. Number range from=0 to=65535 |
|-----------|--|

Command Mode: match prefix-list : Match entries of a prefix-list**Command Path:**

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# vrf context tenant <WORD> vrf <WORD> [l3out <l3out>]
(config-leaf-vrf)# route-map <WORD>
(config-leaf-vrf-route-map)# match prefix-list <WORD> [deny]
(config-leaf-vrf-route-map-match)# set weight <NUMBER>
```

set weight <NUMBER>**Description:** Weight value for destination routing protocol**Syntax:**

| | |
|-----------|--|
| <0-65535> | Weight value. Number range from=0 to=65535 |
|-----------|--|

Command Mode: match route group : Route group**Command Path:**

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
```

```
(config-leaf)# vrf context tenant <WORD> vrf <WORD> [l3out <l3out>]
(config-leaf-vrf)# route-map <WORD>
(config-leaf-vrf-route-map)# match route group <> [order <order>] [deny]
(config-leaf-vrf-route-map-match)# set weight <NUMBER>
```

set weight <NUMBER>**Description:** Weight value for destination routing protocol**Syntax:**

| | |
|-----------|--|
| <0-65535> | Weight value. Number range from=0 to=65535 |
|-----------|--|

Command Mode: template route-profile : Configure route-profile template under tenant for BGP dampening and route redistribution**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# template route-profile <WORD> tenant <WORD>
(config-leaf-template-route-profile)# set weight <NUMBER>
```

set weight <NUMBER>**Description:** Weight value for destination routing protocol**Syntax:**

| | |
|-----------|--|
| <0-65535> | Weight value. Number range from=0 to=65535 |
|-----------|--|

Command Mode: template route-profile : Configure route-profile template under VRF/L3Out for bridge-domain export**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# vrf context tenant <WORD> vrf <WORD> [l3out <l3out>]
(config-leaf-vrf)# template route-profile <WORD> <WORD> <NUMBER>
(config-leaf-vrf-template-route-profile)# set weight <NUMBER>
```

set weight <NUMBER>**Description:** Weight value for destination routing protocol**Syntax:**

| | |
|-----------|--|
| <0-65535> | Weight value. Number range from=0 to=65535 |
|-----------|--|

Command Mode: match bridge-domain : Match subnets of a bridge-domain**Command Path:**

```
# configure [['terminal', 't']]
```

```
(config)# spine <101-4000>
(config-spine)# vrf context tenant <WORD> vrf <WORD> [l3out <l3out>]
(config-leaf-vrf)# route-map <WORD>
(config-leaf-vrf-route-map)# match bridge-domain <> [tenant <tenant>]
(config-leaf-vrf-route-map-match)# set weight <NUMBER>
```

set weight <NUMBER>**Description:** Weight value for destination routing protocol**Syntax:**

| | |
|-----------|--|
| <0-65535> | Weight value. Number range from=0 to=65535 |
|-----------|--|

Command Mode: match prefix-list : Match entries of a prefix-list**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# vrf context tenant <WORD> vrf <WORD> [l3out <l3out>]
(config-leaf-vrf)# route-map <WORD>
(config-leaf-vrf-route-map)# match prefix-list <WORD> [deny]
(config-leaf-vrf-route-map-match)# set weight <NUMBER>
```

set weight <NUMBER>**Description:** Weight value for destination routing protocol**Syntax:**

| | |
|-----------|--|
| <0-65535> | Weight value. Number range from=0 to=65535 |
|-----------|--|

Command Mode: match route group : Route group**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# vrf context tenant <WORD> vrf <WORD> [l3out <l3out>]
(config-leaf-vrf)# route-map <WORD>
(config-leaf-vrf-route-map)# match route group <> [order <order>] [deny]
(config-leaf-vrf-route-map-match)# set weight <NUMBER>
```


shellinabox

shellinabox

Description: Configures the communication policy of the SHELLINABOX feature

Command Mode: comm-policy : Configure any communication policy, ssh/telnet/shellinabox/http/https

Usage:

In the APIC GUI, the SHELLINABOX feature allows you to open a pop-up SSH session to a fabric switch by right-clicking the icon of the switch. To enable or disable this feature, use the **shellinabox** command to enter the SHELLINABOX communication policy group, then use the **[no] admin-state-enable** command.

Command Path:

```
# configure [['terminal', 't']]
(config)# comm-policy <WORD>
(config-comm-policy)# shellinabox
```

show aaa authentication

show aaa authentication

Description: Show AAA Authentication information

Command Mode: exec : Exec Mode

Command Path:

```
# show aaa authentication
```

show aaa groups

show aaa groups

Description: Show AAA group information

Command Mode: exec : Exec Mode

Command Path:

```
# show aaa groups
```

show aaa sessions

show aaa sessions

Description: Active User Sessions

Command Mode: exec : Exec Mode

Command Path:

```
# show aaa sessions
```

show access-list

show access-list WORD

Description: Show Access-list Information

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the Contract to filter on (Max Size 64) |
|-------------|---|

Command Mode: exec : Exec Mode

Command Path:

```
# show access-list WORD
```

show accounting log

show accounting log

Description: CLI configuration command logs

Command Mode: exec : Exec Mode

Command Path:

```
# show accounting log
```

NOTE:

This command displays only those changes made using the command line interface (CLI). It does not display changes made using the GUI or the API. To view all changes made in the Management Information Tree, use the **show audit detail** command.

show acllog deny l2 flow

show acllog deny l2 flow

Description: l3 flow information

Command Mode: exec : Exec Mode

Command Path:

```
# show acllog deny l2 flow
```

show acllog deny l2 flow tenant vrf

show acllog deny l2 flow tenant <WORD> vrf [vlan <NUMBER>] [srcIntf <srcintf>] <WORD>

Description: tenant vrf information

Syntax:

| | |
|----------------|--|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <1-4094> | (Optional) Encapsulation Vlan. Number range from=1 to=4094 |
| <i>srcintf</i> | (Optional) source Interface |
| <i>WORD</i> | Name of the VRF to filter on (Max Size 64) |

Command Mode: exec : Exec Mode

Command Path:

```
# show acllog deny l2 flow tenant <WORD> vrf [vlan <NUMBER>] [srcIntf <srcintf>] <WORD>
```


show aclog deny l2 flow tenant vrf detail

```
show aclog deny l2 flow tenant <WORD> vrf [vlan <NUMBER>] [srcIntf <srcintf>] <WORD> detail [srcpctag
<WORD>] [dstpctag <WORD>] [srcEpgName <WORD>] [dstEpgName <WORD>] [srcmac <E.E.E
EE-EE-EE-EE-EE-EE EE:EE:EE:EE:EE:EE EEEE.EEEE.EEEE >] [dstmac <E.E.E EE-EE-EE-EE-EE-EE EE:EE:EE:EE:EE:EE
EEEE.EEEE.EEEE >]
```

Description: detail information

Syntax:

| | |
|---|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i><1-4094></i> | (Optional) Encapsulation Vlan. Number range from=1 to=4094 |
| <i>srcintf</i> | (Optional) source Interface |
| <i>WORD</i> | Name of the VRF to filter on (Max Size 64) |
| <i>WORD</i> | (Optional) PC Tag (Max Size None) |
| <i>WORD</i> | (Optional) PC Tag (Max Size None) |
| <i>WORD</i> | (Optional) Epg Name (Max Size None) |
| <i>WORD</i> | (Optional) Epg Name (Max Size None) |
| <i>E.E.E EE-EE-EE-EE-EE-EE EE:EE:EE:EE:EE:EE EEEE.EEEE.EEEE</i> | (Optional) MAC address (Option 1) MAC address (Option 2) MAC address (Option 3) MAC address (Option 4) |
| <i>E.E.E EE-EE-EE-EE-EE-EE EE:EE:EE:EE:EE:EE EEEE.EEEE.EEEE</i> | (Optional) MAC address (Option 1) MAC address (Option 2) MAC address (Option 3) MAC address (Option 4) |

Command Mode: exec : Exec Mode

Command Path:

```
# show aclog deny l2 flow tenant <WORD> vrf [vlan <NUMBER>] [srcIntf <srcintf>] <WORD>
detail [srcpctag <WORD>] [dstpctag <WORD>] [srcEpgName <WORD>] [dstEpgName <WORD>] [srcmac
<E.E.E EE-EE-EE-EE-EE-EE EE:EE:EE:EE:EE:EE EEEE.EEEE.EEEE >] [dstmac <E.E.E EE-EE-EE-EE-EE-EE
EE:EE:EE:EE:EE:EE EEEE.EEEE.EEEE >]
```

show acllog deny l2 pkt

show acllog deny l2 pkt

Description: Pkt command

Command Mode: exec : Exec Mode

Command Path:

```
# show acllog deny l2 pkt
```

show acllog deny l2 pkt tenant vrf

show acllog deny l2 pkt tenant <WORD> vrf <WORD> [start-time time-stamp <YYYY-MM-DDTHR:MIN:SEC>] [end-time time-stamp <YYYY-MM-DDTHR:MIN:SEC>] [vlan <NUMBER>] [srcintf <srcintf>] [pktlen <NUMBER>]

Description: Vrf Name

Syntax:

| | |
|--|--|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the vrf to filter on (Max Size 64) |
| <i>time-stamp</i> <YYYY-MM-DDTHR:MIN:SEC> | (Optional) Event activity in time interval |
| <i>time-stamp</i> <YYYY-MM-DDTHR:MIN:SEC> | (Optional) Event activity in time interval |
| <1-4094> | (Optional) Encapsulation Vlan. Number range from=1 to=4094 |
| <i>srcintf</i> | (Optional) Source Interface |
| <1-65535> | (Optional) packet length. Number range from=1 to=65535 |

Command Mode: exec : Exec Mode

Command Path:

```
# show acllog deny l2 pkt tenant <WORD> vrf <WORD> [start-time time-stamp
<YYYY-MM-DDTHR:MIN:SEC>] [end-time time-stamp <YYYY-MM-DDTHR:MIN:SEC>] [vlan <NUMBER>]
[srcintf <srcintf>] [pktlen <NUMBER>]
```

show acllog deny l2 pkt tenant vrf detail

```
show acllog deny l2 pkt tenant <WORD> vrf <WORD> [start-time time-stamp <YYYY-MM-DDTHR:MIN:SEC>]
[end-time time-stamp <YYYY-MM-DDTHR:MIN:SEC>] [vlan <NUMBER>] [srcintf <srcintf>] [pktlen <NUMBER>]
detail [srcpctag <WORD>] [dstpctag <WORD>] [srcEpgName <WORD>] [dstEpgName <WORD>] [srcmac
<E.E.E EE-EE-EE-EE-EE-EE EE:EE:EE:EE:EE:EE EEEE.EEEE.EEEE >] [dstmac <E.E.E EE-EE-EE-EE-EE-EE
EE:EE:EE:EE:EE:EE EEEE.EEEE.EEEE >]
```

Description: Detail information

Syntax:

| | |
|---|--|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the vrf to filter on (Max Size 64) |
| <i>time-stamp</i> <YYYY-MM-DDTHR:MIN:SEC> | (Optional) Event activity in time interval |
| <i>time-stamp</i> <YYYY-MM-DDTHR:MIN:SEC> | (Optional) Event activity in time interval |
| <1-4094> | (Optional) Encapsulation Vlan. Number range from=1 to=4094 |
| <i>srcintf</i> | (Optional) Source Interface |
| <1-65535> | (Optional) packet length. Number range from=1 to=65535 |
| <i>WORD</i> | (Optional) PC Tag (Max Size None) |
| <i>WORD</i> | (Optional) PC Tag (Max Size None) |
| <i>WORD</i> | (Optional) Epg Name (Max Size None) |
| <i>WORD</i> | (Optional) Epg Name (Max Size None) |
| <i>E.E.E EE-EE-EE-EE-EE-EE</i> <i>EE:EE:EE:EE:EE:EE</i> <i>EEEE.EEEE.EEEE</i> | (Optional) MAC address (Option 1) MAC address (Option 2) MAC address (Option 3) MAC address (Option 4) |
| <i>E.E.E EE-EE-EE-EE-EE-EE</i> <i>EE:EE:EE:EE:EE:EE</i> <i>EEEE.EEEE.EEEE</i> | (Optional) MAC address (Option 1) MAC address (Option 2) MAC address (Option 3) MAC address (Option 4) |

Command Mode: exec : Exec Mode

Command Path:

```
# show acllog deny l2 pkt tenant <WORD> vrf <WORD> [start-time time-stamp
<YYYY-MM-DDTHR:MIN:SEC>] [end-time time-stamp <YYYY-MM-DDTHR:MIN:SEC>] [vlan <NUMBER>]
[srcintf <srcintf>] [pktlen <NUMBER>] detail [srcpctag <WORD>] [dstpctag <WORD>] [srcEpgName
<WORD>] [dstEpgName <WORD>] [srcmac <E.E.E EE-EE-EE-EE-EE-EE EE:EE:EE:EE:EE:EE EEEE.EEEE.EEEE
>] [dstmac <E.E.E EE-EE-EE-EE-EE-EE EE:EE:EE:EE:EE:EE EEEE.EEEE.EEEE >]
```

show acllog deny l3 flow

show acllog deny l3 flow

Description: l3 flow information

Command Mode: exec : Exec Mode

Command Path:

```
# show acllog deny l3 flow
```

show acllog deny l3 flow tenant vrf

show acllog deny l3 flow tenant <WORD> vrf [srcip <A.B.C.D or A:B::C:D>] [dstip <A.B.C.D or A:B::C:D>] [protocol <Protocol>] [srcport <SrcPort>] [dstport <DstPort>] [srcintf <srcintf>] <WORD>

Description: tenant vrf information

Syntax:

| | |
|----------------------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>A.B.C.D or A:B::C:D</i> | (Optional) IP address in format i.i.i.i or IPv6 address in format xxxx:xxxx, xxxx::xx |
| <i>A.B.C.D or A:B::C:D</i> | (Optional) IP address in format i.i.i.i or IPv6 address in format xxxx:xxxx, xxxx::xx |
| <i>Protocol</i> | (Optional) Protocol |
| <i>SrcPort</i> | (Optional) source port |
| <i>DstPort</i> | (Optional) destination port |
| <i>srcintf</i> | (Optional) source interface |
| <i>WORD</i> | Name of the VRF to filter on (Max Size 64) |

Command Mode: exec : Exec Mode

Command Path:

```
# show acllog deny l3 flow tenant <WORD> vrf [srcip <A.B.C.D or A:B::C:D>] [dstip <A.B.C.D or A:B::C:D>] [protocol <Protocol>] [srcport <SrcPort>] [dstport <DstPort>] [srcintf <srcintf>] <WORD>
```

show acllog deny l3 flow tenant vrf detail

```
show acllog deny l3 flow tenant <WORD> vrf [srcip <A.B.C.D or A:B::C:D>] [dstip <A.B.C.D or A:B::C:D>]
[protocol <Protocol>] [srcport <SrcPort>] [dstport <DstPort>] [srcintf <srcintf>] <WORD> detail [srcpctag
<WORD>] [dstpctag <WORD>] [srcEpgName <WORD>] [dstEpgName <WORD>] [srcmac <E.E.E
EE-EE-EE-EE-EE EE:EE:EE:EE:EE:EE EEEE.EEEE.EEEE >] [dstmac <E.E.E EE-EE-EE-EE-EE EE:EE:EE:EE:EE
EEEE.EEEE.EEEE >]
```

Description: detail information

Syntax:

| | |
|---|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>A.B.C.D or A:B::C:D</i> | (Optional) IP address in format i.i.i.i or IPv6 address in format xxxx:xxxx, xxxx:xx |
| <i>A.B.C.D or A:B::C:D</i> | (Optional) IP address in format i.i.i.i or IPv6 address in format xxxx:xxxx, xxxx:xx |
| <i>Protocol</i> | (Optional) Protocol |
| <i>SrcPort</i> | (Optional) source port |
| <i>DstPort</i> | (Optional) destination port |
| <i>srcintf</i> | (Optional) source interface |
| <i>WORD</i> | Name of the VRF to filter on (Max Size 64) |
| <i>WORD</i> | (Optional) PC Tag (Max Size None) |
| <i>WORD</i> | (Optional) PC Tag (Max Size None) |
| <i>WORD</i> | (Optional) Epg Name (Max Size None) |
| <i>WORD</i> | (Optional) Epg Name (Max Size None) |
| <i>E.E.E EE-EE-EE-EE-EE-EE EE:EE:EE:EE:EE:EE EEEE.EEEE.EEEE</i> | (Optional) MAC address (Option 1) MAC address (Option 2) MAC address (Option 3) MAC address (Option 4) |
| <i>E.E.E EE-EE-EE-EE-EE-EE EE:EE:EE:EE:EE:EE EEEE.EEEE.EEEE</i> | (Optional) MAC address (Option 1) MAC address (Option 2) MAC address (Option 3) MAC address (Option 4) |

Command Mode: exec : Exec Mode

Command Path:

```
# show acllog deny l3 flow tenant <WORD> vrf [srcip <A.B.C.D or A:B::C:D>] [dstip <A.B.C.D
or A:B::C:D>] [protocol <Protocol>] [srcport <SrcPort>] [dstport <DstPort>] [srcintf
<srcintf>] <WORD> detail [srcpctag <WORD>] [dstpctag <WORD>] [srcEpgName <WORD>] [dstEpgName
<WORD>] [srcmac <E.E.E EE-EE-EE-EE-EE-EE EE:EE:EE:EE:EE:EE EEEE.EEEE.EEEE >] [dstmac <E.E.E
```

```
EE-EE-EE-EE-EE-EE EE:EE:EE:EE:EE:EE EEEE.EEEE.EEEE >]
```


show acllog deny l3 pkt

show acllog deny l3 pkt

Description: Pkt command

Command Mode: exec : Exec Mode

Command Path:

```
# show acllog deny l3 pkt
```

show acllog deny l3 pkt tenant vrf

show acllog deny l3 pkt tenant <WORD> vrf <WORD> [start-time time-stamp <YYYY-MM-DDTHR:MIN:SEC>] [end-time time-stamp <YYYY-MM-DDTHR:MIN:SEC>] [protocol <protocol>] [srcip <A.B.C.D or A:B::C:D>] [dstip <A.B.C.D or A:B::C:D>] [srcport <NUMBER>] [dstport <NUMBER>] [srcintf <srcintf>] [pktlen <NUMBER>]

Description: Vrf Name

Syntax:

| | |
|--|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the vrf to filter on (Max Size 64) |
| <i>time-stamp</i> <YYYY-MM-DDTHR:MIN:SEC> | (Optional) Event activity in time interval |
| <i>time-stamp</i> <YYYY-MM-DDTHR:MIN:SEC> | (Optional) Event activity in time interval |
| <i>protocol</i> | (Optional) protocol |
| <i>A.B.C.D or A:B::C:D</i> | (Optional) IP address in format i.i.i.i or IPv6 address in format xxxx:xxxx, xxxx::xx |
| <i>A.B.C.D or A:B::C:D</i> | (Optional) IP address in format i.i.i.i or IPv6 address in format xxxx:xxxx, xxxx::xx |
| <0-65535> | (Optional) Source port. Number range from=0 to=65535 |
| <0-65535> | (Optional) Destination port. Number range from=0 to=65535 |
| <i>srcintf</i> | (Optional) source Interface |
| <1-65535> | (Optional) packet length. Number range from=1 to=65535 |

Command Mode: exec : Exec Mode

Command Path:

```
# show acllog deny l3 pkt tenant <WORD> vrf <WORD> [start-time time-stamp
<YYYY-MM-DDTHR:MIN:SEC>] [end-time time-stamp <YYYY-MM-DDTHR:MIN:SEC>] [protocol <protocol>]
 [srcip <A.B.C.D or A:B::C:D>] [dstip <A.B.C.D or A:B::C:D>] [srcport <NUMBER>] [dstport
<NUMBER>] [srcintf <srcintf>] [pktlen <NUMBER>]
```

show aclog deny l3 pkt tenant vrf detail

```
show aclog deny l3 pkt tenant <WORD> vrf <WORD> [start-time time-stamp <YYYY-MM-DDTHR:MIN:SEC>]
[end-time time-stamp <YYYY-MM-DDTHR:MIN:SEC>] [protocol <protocol>] [srcip <A.B.C.D or A:B::C:D>]
[dstip <A.B.C.D or A:B::C:D>] [srcport <NUMBER>] [dstport <NUMBER>] [srcintf <srcintf>] [pktlen <NUMBER>]
detail [srcpctag <WORD>] [dstpctag <WORD>] [srcEpgName <WORD>] [dstEpgName <WORD>] [srcmac
<E.E.E EE-EE-EE-EE-EE-EE EE:EE:EE:EE:EE:EE EEEE.EEEE.EEEE >] [dstmac <E.E.E EE-EE-EE-EE-EE-EE
EE:EE:EE:EE:EE:EE EEEE.EEEE.EEEE >]
```

Description: Detail information

Syntax:

| | |
|---|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the vrf to filter on (Max Size 64) |
| <i>time-stamp</i> <YYYY-MM-DDTHR:MIN:SEC> | (Optional) Event activity in time interval |
| <i>time-stamp</i> <YYYY-MM-DDTHR:MIN:SEC> | (Optional) Event activity in time interval |
| <i>protocol</i> | (Optional) protocol |
| <i>A.B.C.D or A:B::C:D</i> | (Optional) IP address in format i.i.i.i or IPv6 address in format xxxx:xxxx, xxxx::xx |
| <i>A.B.C.D or A:B::C:D</i> | (Optional) IP address in format i.i.i.i or IPv6 address in format xxxx:xxxx, xxxx::xx |
| <0-65535> | (Optional) Source port. Number range from=0 to=65535 |
| <0-65535> | (Optional) Destination port. Number range from=0 to=65535 |
| <i>srcintf</i> | (Optional) source Interface |
| <1-65535> | (Optional) packet length. Number range from=1 to=65535 |
| <i>WORD</i> | (Optional) PC Tag (Max Size None) |
| <i>WORD</i> | (Optional) PC Tag (Max Size None) |
| <i>WORD</i> | (Optional) Epg Name (Max Size None) |
| <i>WORD</i> | (Optional) Epg Name (Max Size None) |
| <i>E.E.E EE-EE-EE-EE-EE-EE</i> <i>EE:EE:EE:EE:EE:EE</i> <i>EEEE.EEEE.EEEE</i> | (Optional) MAC address (Option 1) MAC address (Option 2) MAC address (Option 3) MAC address (Option 4) |

| | |
|---|--|
| <i>E.E.E EE-EE-EE-EE-EE-EE EE:EE:EE:EE:EE:EE EEEE.EEEE.EEEE</i> | (Optional) MAC address (Option 1) MAC address (Option 2) MAC address (Option 3) MAC address (Option 4) |
|---|--|

Command Mode: exec : Exec Mode

Command Path:

```
# show acllog deny l3 pkt tenant <WORD> vrf <WORD> [start-time time-stamp
<YYYY-MM-DDTHR:MIN:SEC>] [end-time time-stamp <YYYY-MM-DDTHR:MIN:SEC>] [protocol <protocol>]
[srcip <A.B.C.D or A:B::C:D>] [dstip <A.B.C.D or A:B::C:D>] [srcport <NUMBER>] [dstport
<NUMBER>] [srcintf <srcintf>] [pktlen <NUMBER>] detail [srcpctag <WORD>] [dstpctag <WORD>]
[srcEpgName <WORD>] [dstEpgName <WORD>] [srcmac <E.E.E EE-EE-EE-EE-EE-EE EE:EE:EE:EE:EE:EE
EEEE.EEEE.EEEE >] [dstmac <E.E.E EE-EE-EE-EE-EE-EE EE:EE:EE:EE:EE:EE EEEE.EEEE.EEEE >]
```

show acllog permit l2 flow tenant vrf

show acllog permit l2 flow tenant <WORD> vrf [vlan <NUMBER>] [srcintf <srcintf>] <WORD>

Description: tenant vrf information

Syntax:

| | |
|----------------|--|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <1-4094> | (Optional) Encapsulation Vlan. Number range from=1 to=4094 |
| <i>srcintf</i> | (Optional) source interface |
| <i>WORD</i> | Name of the VRF to filter on (Max Size 64) |

Command Mode: exec : Exec Mode

Command Path:

```
# show acllog permit l2 flow tenant <WORD> vrf [vlan <NUMBER>] [srcintf <srcintf>] <WORD>
```

show acllog permit l2 flow tenant vrf detail

```
show acllog permit l2 flow tenant <WORD> vrf [vlan <NUMBER>] [srcintf <srcintf>] <WORD> detail [srcpctag
<WORD>] [dstpctag <WORD>] [srcEpgName <WORD>] [dstEpgName <WORD>] [srcmac <E.E.E
EE-EE-EE-EE-EE-EE EE:EE:EE:EE:EE:EE EEEE.EEEE.EEEE >] [dstmac <E.E.E EE-EE-EE-EE-EE-EE EE:EE:EE:EE:EE:EE
EEEE.EEEE.EEEE >]
```

Description: detail information

Syntax:

| | |
|---|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <1-4094> | (Optional) Encapsulation Vlan. Number range from=1 to=4094 |
| <i>srcintf</i> | (Optional) source interface |
| <i>WORD</i> | Name of the VRF to filter on (Max Size 64) |
| <i>WORD</i> | (Optional) PC Tag (Max Size None) |
| <i>WORD</i> | (Optional) PC Tag (Max Size None) |
| <i>WORD</i> | (Optional) Epg Name (Max Size None) |
| <i>WORD</i> | (Optional) Epg Name (Max Size None) |
| <i>E.E.E EE-EE-EE-EE-EE-EE EE:EE:EE:EE:EE:EE EEEE.EEEE.EEEE</i> | (Optional) MAC address (Option 1) MAC address (Option 2) MAC address (Option 3) MAC address (Option 4) |
| <i>E.E.E EE-EE-EE-EE-EE-EE EE:EE:EE:EE:EE:EE EEEE.EEEE.EEEE</i> | (Optional) MAC address (Option 1) MAC address (Option 2) MAC address (Option 3) MAC address (Option 4) |

Command Mode: exec : Exec Mode

Command Path:

```
# show acllog permit l2 flow tenant <WORD> vrf [vlan <NUMBER>] [srcintf <srcintf>] <WORD>
detail [srcpctag <WORD>] [dstpctag <WORD>] [srcEpgName <WORD>] [dstEpgName <WORD>] [srcmac
<E.E.E EE-EE-EE-EE-EE-EE EE:EE:EE:EE:EE:EE EEEE.EEEE.EEEE >] [dstmac <E.E.E EE-EE-EE-EE-EE-EE
EE:EE:EE:EE:EE:EE EEEE.EEEE.EEEE >]
```

show acllog permit l2 pkt tenant vrf

show acllog permit l2 pkt tenant <WORD> vrf <WORD> [start-time time-stamp <YYYY-MM-DDTHR:MIN:SEC>] [end-time time-stamp <YYYY-MM-DDTHR:MIN:SEC>] [vlan <NUMBER>] [srcintf <srcintf>] [pktlen <NUMBER>]

Description: Vrf Name

Syntax:

| | |
|--|--|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the vrf to filter on (Max Size 64) |
| <i>time-stamp</i> <YYYY-MM-DDTHR:MIN:SEC> | (Optional) Event activity in time interval |
| <i>time-stamp</i> <YYYY-MM-DDTHR:MIN:SEC> | (Optional) Event activity in time interval |
| <1-4094> | (Optional) Encapsulation Vlan. Number range from=1 to=4094 |
| <i>srcintf</i> | (Optional) source Interface |
| <1-65535> | (Optional) packet length. Number range from=1 to=65535 |

Command Mode: exec : Exec Mode

Command Path:

```
# show acllog permit l2 pkt tenant <WORD> vrf <WORD> [start-time time-stamp
<YYYY-MM-DDTHR:MIN:SEC>] [end-time time-stamp <YYYY-MM-DDTHR:MIN:SEC>] [vlan <NUMBER>]
[srcintf <srcintf>] [pktlen <NUMBER>]
```

show acllog permit l2 pkt tenant vrf detail

```
show acllog permit l2 pkt tenant <WORD> vrf <WORD> [start-time time-stamp <YYYY-MM-DDTHR:MIN:SEC>]
[end-time time-stamp <YYYY-MM-DDTHR:MIN:SEC>] [vlan <NUMBER>] [srcintf <srcintf>] [pktlen <NUMBER>]
detail [srcpctag <WORD>] [dstpctag <WORD>] [srcEpgName <WORD>] [dstEpgName <WORD>] [srcmac
<E.E.E EE-EE-EE-EE-EE-EE EE:EE:EE:EE:EE:EE EEEE.EEEE.EEEE >] [dstmac <E.E.E EE-EE-EE-EE-EE-EE
EE:EE:EE:EE:EE:EE EEEE.EEEE.EEEE >]
```

Description: Detail information

Syntax:

| | |
|---|--|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the vrf to filter on (Max Size 64) |
| <i>time-stamp</i> <YYYY-MM-DDTHR:MIN:SEC> | (Optional) Event activity in time interval |
| <i>time-stamp</i> <YYYY-MM-DDTHR:MIN:SEC> | (Optional) Event activity in time interval |
| <1-4094> | (Optional) Encapsulation Vlan. Number range from=1 to=4094 |
| <i>srcintf</i> | (Optional) source Interface |
| <1-65535> | (Optional) packet length. Number range from=1 to=65535 |
| <i>WORD</i> | (Optional) PC Tag (Max Size None) |
| <i>WORD</i> | (Optional) PC Tag (Max Size None) |
| <i>WORD</i> | (Optional) Epg Name (Max Size None) |
| <i>WORD</i> | (Optional) Epg Name (Max Size None) |
| <i>E.E.E EE-EE-EE-EE-EE-EE</i> <i>EE:EE:EE:EE:EE:EE</i> <i>EEEE.EEEE.EEEE</i> | (Optional) MAC address (Option 1) MAC address (Option 2) MAC address (Option 3) MAC address (Option 4) |
| <i>E.E.E EE-EE-EE-EE-EE-EE</i> <i>EE:EE:EE:EE:EE:EE</i> <i>EEEE.EEEE.EEEE</i> | (Optional) MAC address (Option 1) MAC address (Option 2) MAC address (Option 3) MAC address (Option 4) |

Command Mode: exec : Exec Mode

Command Path:

```
# show acllog permit l2 pkt tenant <WORD> vrf <WORD> [start-time time-stamp
<YYYY-MM-DDTHR:MIN:SEC>] [end-time time-stamp <YYYY-MM-DDTHR:MIN:SEC>] [vlan <NUMBER>]
[srcintf <srcintf>] [pktlen <NUMBER>] detail [srcpctag <WORD>] [dstpctag <WORD>] [srcEpgName
<WORD>] [dstEpgName <WORD>] [srcmac <E.E.E EE-EE-EE-EE-EE-EE EE:EE:EE:EE:EE:EE EEEE.EEEE.EEEE
>] [dstmac <E.E.E EE-EE-EE-EE-EE-EE EE:EE:EE:EE:EE:EE EEEE.EEEE.EEEE >]
```


show acllog permit l3 flow tenant vrf

show acllog permit l3 flow tenant <WORD> vrf [srcip <A.B.C.D or A:B::C:D>] [dstip <A.B.C.D or A:B::C:D>] [protocol <Protocol>] [srcport <SrcPort>] [dstport <DstPort>] [srcintf <srcintf>] <WORD>

Description: tenant vrf information

Syntax:

| | |
|----------------------------|--|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>A.B.C.D or A:B::C:D</i> | (Optional) IP address in format i.i.i.i or IPv6 address in format xxxx:xxxx, xxxx:xx |
| <i>A.B.C.D or A:B::C:D</i> | (Optional) IP address in format i.i.i.i or IPv6 address in format xxxx:xxxx, xxxx:xx |
| <i>Protocol</i> | (Optional) Protocol |
| <i>SrcPort</i> | (Optional) source port |
| <i>DstPort</i> | (Optional) destination port |
| <i>srcintf</i> | (Optional) source interface |
| <i>WORD</i> | Name of the VRF to filter on (Max Size 64) |

Command Mode: exec : Exec Mode

Command Path:

```
# show acllog permit l3 flow tenant <WORD> vrf [srcip <A.B.C.D or A:B::C:D>] [dstip <A.B.C.D or A:B::C:D>] [protocol <Protocol>] [srcport <SrcPort>] [dstport <DstPort>] [srcintf <srcintf>] <WORD>
```

show acllog permit l3 flow tenant vrf detail

```
show acllog permit l3 flow tenant <WORD> vrf [srcip <A.B.C.D or A:B::C:D>] [dstip <A.B.C.D or A:B::C:D>]
[protocol <Protocol>] [srcport <SrcPort>] [dstport <DstPort>] [srcintf <srcintf>] <WORD> detail [srcpctag
<WORD>] [dstpctag <WORD>] [srcEpgName <WORD>] [dstEpgName <WORD>] [srcmac <E.E.E
EE-EE-EE-EE-EE-EE EE:EE:EE:EE:EE:EE EEEE.EEEE.EEEE >] [dstmac <E.E.E EE-EE-EE-EE-EE-EE EE:EE:EE:EE:EE:EE
EEEE.EEEE.EEEE >]
```

Description: detail information

Syntax:

| | |
|---|--|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>A.B.C.D or A:B::C:D</i> | (Optional) IP address in format i.i.i.i or IPv6 address in format xxxx:xxxx, xxxx::xx |
| <i>A.B.C.D or A:B::C:D</i> | (Optional) IP address in format i.i.i.i or IPv6 address in format xxxx:xxxx, xxxx::xx |
| <i>Protocol</i> | (Optional) Protocol |
| <i>SrcPort</i> | (Optional) source port |
| <i>DstPort</i> | (Optional) destination port |
| <i>srcintf</i> | (Optional) source interface |
| <i>WORD</i> | Name of the VRF to filter on (Max Size 64) |
| <i>WORD</i> | (Optional) PC Tag (Max Size None) |
| <i>WORD</i> | (Optional) PC Tag (Max Size None) |
| <i>WORD</i> | (Optional) Epg Name (Max Size None) |
| <i>WORD</i> | (Optional) Epg Name (Max Size None) |
| <i>E.E.E EE-EE-EE-EE-EE-EE EE:EE:EE:EE:EE:EE EEEE.EEEE.EEEE</i> | (Optional) MAC address (Option 1) MAC address (Option 2) MAC address (Option 3) MAC address (Option 4) |
| <i>E.E.E EE-EE-EE-EE-EE-EE EE:EE:EE:EE:EE:EE EEEE.EEEE.EEEE</i> | (Optional) MAC address (Option 1) MAC address (Option 2) MAC address (Option 3) MAC address (Option 4) |

Command Mode: exec : Exec Mode

Command Path:

```
# show acllog permit l3 flow tenant <WORD> vrf [srcip <A.B.C.D or A:B::C:D>] [dstip <A.B.C.D
or A:B::C:D>] [protocol <Protocol>] [srcport <SrcPort>] [dstport <DstPort>] [srcintf
<srcintf>] <WORD> detail [srcpctag <WORD>] [dstpctag <WORD>] [srcEpgName <WORD>] [dstEpgName
<WORD>] [srcmac <E.E.E EE-EE-EE-EE-EE-EE EE:EE:EE:EE:EE:EE EEEE.EEEE.EEEE >] [dstmac <E.E.E
```

```
EE-EE-EE-EE-EE-EE EE:EE:EE:EE:EE:EE EEEE.EEEE.EEEE >]
```

show acllog permit l3 pkt tenant vrf

show acllog permit l3 pkt tenant <WORD> vrf <WORD> [start-time time-stamp <YYYY-MM-DDTHR:MIN:SEC>] [end-time time-stamp <YYYY-MM-DDTHR:MIN:SEC>] [protocol <protocol>] [srcip <A.B.C.D or A:B::C:D>] [dstip <A.B.C.D or A:B::C:D>] [srcport <NUMBER>] [dstport <NUMBER>] [srcintf <srcintf>] [pktlen <NUMBER>]

Description: Vrf Name

Syntax:

| | |
|--|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the vrf to filter on (Max Size 64) |
| <i>time-stamp</i> <YYYY-MM-DDTHR:MIN:SEC> | (Optional) Event activity in time interval |
| <i>time-stamp</i> <YYYY-MM-DDTHR:MIN:SEC> | (Optional) Event activity in time interval |
| <i>protocol</i> | (Optional) protocol |
| <i>A.B.C.D or A:B::C:D</i> | (Optional) IP address in format i.i.i.i or IPv6 address in format xxxx:xxxx, xxxx::xx |
| <i>A.B.C.D or A:B::C:D</i> | (Optional) IP address in format i.i.i.i or IPv6 address in format xxxx:xxxx, xxxx::xx |
| <0-65535> | (Optional) Source port. Number range from=0 to=65535 |
| <0-65535> | (Optional) Destination port. Number range from=0 to=65535 |
| <i>srcintf</i> | (Optional) source Interface |
| <1-65535> | (Optional) packet length. Number range from=1 to=65535 |

Command Mode: exec : Exec Mode

Command Path:

```
# show acllog permit l3 pkt tenant <WORD> vrf <WORD> [start-time time-stamp
<YYYY-MM-DDTHR:MIN:SEC>] [end-time time-stamp <YYYY-MM-DDTHR:MIN:SEC>] [protocol <protocol>]
 [srcip <A.B.C.D or A:B::C:D>] [dstip <A.B.C.D or A:B::C:D>] [srcport <NUMBER>] [dstport
<NUMBER>] [srcintf <srcintf>] [pktlen <NUMBER>]
```

show aclog permit l3 pkt tenant vrf detail

```
show aclog permit l3 pkt tenant <WORD> vrf <WORD> [start-time time-stamp <YYYY-MM-DDTHR:MIN:SEC>]
[end-time time-stamp <YYYY-MM-DDTHR:MIN:SEC>] [protocol <protocol>] [srcip <A.B.C.D or A:B::C:D>]
[dstip <A.B.C.D or A:B::C:D>] [srcport <NUMBER>] [dstport <NUMBER>] [srcintf <srcintf>] [pktlen <NUMBER>]
detail [srcpctag <WORD>] [dstpctag <WORD>] [srcEpgName <WORD>] [dstEpgName <WORD>] [srcmac
<E.E.E EE-EE-EE-EE-EE-EE EE:EE:EE:EE:EE:EE EEEE.EEEE.EEEE >] [dstmac <E.E.E EE-EE-EE-EE-EE-EE
EE:EE:EE:EE:EE:EE EEEE.EEEE.EEEE >]
```

Description: Detail information

Syntax:

| | |
|---|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the vrf to filter on (Max Size 64) |
| <i>time-stamp</i> <YYYY-MM-DDTHR:MIN:SEC> | (Optional) Event activity in time interval |
| <i>time-stamp</i> <YYYY-MM-DDTHR:MIN:SEC> | (Optional) Event activity in time interval |
| <i>protocol</i> | (Optional) protocol |
| <i>A.B.C.D or A:B::C:D</i> | (Optional) IP address in format i.i.i.i or IPv6 address in format xxxx:xxxx, xxxx::xx |
| <i>A.B.C.D or A:B::C:D</i> | (Optional) IP address in format i.i.i.i or IPv6 address in format xxxx:xxxx, xxxx::xx |
| <0-65535> | (Optional) Source port. Number range from=0 to=65535 |
| <0-65535> | (Optional) Destination port. Number range from=0 to=65535 |
| <i>srcintf</i> | (Optional) source Interface |
| <1-65535> | (Optional) packet length. Number range from=1 to=65535 |
| <i>WORD</i> | (Optional) PC Tag (Max Size None) |
| <i>WORD</i> | (Optional) PC Tag (Max Size None) |
| <i>WORD</i> | (Optional) Epg Name (Max Size None) |
| <i>WORD</i> | (Optional) Epg Name (Max Size None) |
| <i>E.E.E EE-EE-EE-EE-EE-EE</i> <i>EE:EE:EE:EE:EE:EE</i> <i>EEEE.EEEE.EEEE</i> | (Optional) MAC address (Option 1) MAC address (Option 2) MAC address (Option 3) MAC address (Option 4) |

| | |
|---|--|
| <i>E.E.E EE-EE-EE-EE-EE-EE EE:EE:EE:EE:EE:EE EEEE.EEEE.EEEE</i> | (Optional) MAC address (Option 1) MAC address (Option 2) MAC address (Option 3) MAC address (Option 4) |
|---|--|

Command Mode: exec : Exec Mode

Command Path:

```
# show acllog permit l3 pkt tenant <WORD> vrf <WORD> [start-time time-stamp
<YYYY-MM-DDTHR:MIN:SEC>] [end-time time-stamp <YYYY-MM-DDTHR:MIN:SEC>] [protocol <protocol>]
[srcip <A.B.C.D or A:B::C:D>] [dstip <A.B.C.D or A:B::C:D>] [srcport <NUMBER>] [dstport
<NUMBER>] [srcintf <srcintf>] [pktlen <NUMBER>] detail [srcpctag <WORD>] [dstpctag <WORD>]
[srcEpgName <WORD>] [dstEpgName <WORD>] [srcmac <E.E.E EE-EE-EE-EE-EE-EE EE:EE:EE:EE:EE:EE
EEEE.EEEE.EEEE >] [dstmac <E.E.E EE-EE-EE-EE-EE-EE EE:EE:EE:EE:EE:EE EEEE.EEEE.EEEE >]
```

show analytics

show analytics

Description: Show analytics cluster configuration

Command Mode: exec : Exec Mode

Command Path:

```
# show analytics
```

show application

show application WORD

Description: Show Application Profiles Information

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the application we eventually want to filter on (Max Size 64) |
|-------------|---|

Command Mode: exec : Exec Mode

Command Path:

```
# show application WORD
```


show audits

show audits [*id* <log-id>] [*action* *action*<action-type>] [*user* <user-name>] [*last-minutes* <NUMBER>] [*last-hours* <NUMBER>] [*last-days* <NUMBER>] [*start-time* <YYYY-MM-DDTHR:MIN:SEC>] [*end-time* *end-time* <YYYY-MM-DDTHR:MIN:SEC>] [*detail*] <scope>

Description: Show audit-log information

Syntax:

| | |
|--|--|
| <log-id> | (Optional) Log ID |
| <i>action</i> <action-type> | (Optional) Object action indicator |
| <user-name> | (Optional) Name of user |
| <num-minutes> | (Optional) Logs created in time interval. Number range from=1 to=59 |
| <num-hours> | (Optional) Logs created in time interval. Number range from=1 to=23 |
| <num-days> | (Optional) Logs created in time interval. Number range from=1 to=999 |
| <YYYY-MM-DDTHR:MIN:SEC> | (Optional) Logs created in time interval |
| <i>end-time</i> <YYYY-MM-DDTHR:MIN:SEC> | (Optional) Logs created in time interval |
| <i>detail</i> | (Optional) Detailed audit-log information. Displays what was modified and displays the old and new settings. |
| <scope> | command scope |

Command Mode: exec : Exec Mode

Command Path:

```
# show audits [id <log-id>] [action action<action-type>] [user <user-name>] [last-minutes
<NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>]
[end-time end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] <scope>
```

show audits tenant

show audits [id <log-id>] [action <action-type>] [user <user-name>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant **WORD**

Description: Show Tenants Information

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
|-------------|---|

Command Mode: exec : Exec Mode

Command Path:

```
# show audits [id <log-id>] [action <action-type>] [user <user-name>] [last-minutes <NUMBER>]
[last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
<YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD
```

show audits tenant application

show audits [*id* <log-id>] [*action* <action-type>] [*user* <user-name>] [*last-minutes* <NUMBER>] [*last-hours* <NUMBER>] [*last-days* <NUMBER>] [*start-time* <YYYY-MM-DDTHR:MIN:SEC>] [*end-time* <YYYY-MM-DDTHR:MIN:SEC>] [*detail*] tenant **WORD** application **WORD**

Description: Show Application Profiles Information

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the application we eventually want to filter on (Max Size 64) |

Command Mode: exec : Exec Mode

Command Path:

```
# show audits [id <log-id>] [action <action-type>] [user <user-name>] [last-minutes <NUMBER>]
  [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
  <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD application WORD
```

show audits tenant application epg

show audits [*id* <log-id>] [*action* <action-type>] [*user* <user-name>] [*last-minutes* <NUMBER>] [*last-hours* <NUMBER>] [*last-days* <NUMBER>] [*start-time* <YYYY-MM-DDTHR:MIN:SEC>] [*end-time* <YYYY-MM-DDTHR:MIN:SEC>] [*detail*] **tenant** *WORD* **application** *WORD* **epg** *WORD*

Description: Show Application EPG Information

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the application we eventually want to filter on (Max Size 64) |
| <i>WORD</i> | Name of the AEPG to filter on (Max Size 64) |

Command Mode: exec : Exec Mode

Command Path:

```
# show audits [id <log-id>] [action <action-type>] [user <user-name>] [last-minutes <NUMBER>]
[last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
<YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD application WORD epg WORD
```

show audits tenant bridge-domain

show audits [*id* <log-id>] [*action* <action-type>] [*user* <user-name>] [*last-minutes* <NUMBER>] [*last-hours* <NUMBER>] [*last-days* <NUMBER>] [*start-time* <YYYY-MM-DDTHR:MIN:SEC>] [*end-time* <YYYY-MM-DDTHR:MIN:SEC>] [*detail*] tenant **WORD** bridge-domain **WORD**

Description: Show Bridge-domain Information

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the bridge-domain (Max Size 64) |

Command Mode: exec : Exec Mode

Command Path:

```
# show audits [id <log-id>] [action <action-type>] [user <user-name>] [last-minutes <NUMBER>]
[last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
<YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD bridge-domain WORD
```

show audits tenant bridge-domain detail

show audits [*id* <log-id>] [*action* <action-type>] [*user* <user-name>] [*last-minutes* <NUMBER>] [*last-hours* <NUMBER>] [*last-days* <NUMBER>] [*start-time* <YYYY-MM-DDTHR:MIN:SEC>] [*end-time* <YYYY-MM-DDTHR:MIN:SEC>] [*detail*] *tenant* *WORD* *bridge-domain* *WORD* *detail*

Description: Show Bridge-domain Detailed Information

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the bridge-domain (Max Size 64) |

Command Mode: exec : Exec Mode

Command Path:

```
# show audits [id <log-id>] [action <action-type>] [user <user-name>] [last-minutes <NUMBER>]
  [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
  <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD bridge-domain WORD detail
```

show audits tenant bridge-domain first-hop-security binding-table

show audits [*id* <log-id>] [*action* <action-type>] [*user* <user-name>] [*last-minutes* <NUMBER>] [*last-hours* <NUMBER>] [*last-days* <NUMBER>] [*start-time* <YYYY-MM-DDTHR:MIN:SEC>] [*end-time* <YYYY-MM-DDTHR:MIN:SEC>] [*detail*] tenant *WORD* bridge-domain *WORD* first-hop-security binding-table

Description: Show Bridge-domain Binding Table Information

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the bridge-domain (Max Size 64) |

Command Mode: exec : Exec Mode

Command Path:

```
# show audits [id <log-id>] [action <action-type>] [user <user-name>] [last-minutes <NUMBER>]
  [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
  <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD bridge-domain WORD first-hop-security
binding-table
```

show audits tenant bridge-domain first-hop-security statistics arp

show audits [id <log-id>] [action <action-type>] [user <user-name>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant **WORD** bridge-domain **WORD** first-hop-security statistics arp

Description: Show Bridge-domain First Hop Security ARP Statistics

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the bridge-domain (Max Size 64) |

Command Mode: exec : Exec Mode

Command Path:

```
# show audits [id <log-id>] [action <action-type>] [user <user-name>] [last-minutes <NUMBER>]
  [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
  <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD bridge-domain WORD first-hop-security
statistics arp
```


show audits tenant bridge-domain first-hop-security statistics dhcpv4

show audits [*id* <log-id>] [*action* <action-type>] [*user* <user-name>] [*last-minutes* <NUMBER>] [*last-hours* <NUMBER>] [*last-days* <NUMBER>] [*start-time* <YYYY-MM-DDTHR:MIN:SEC>] [*end-time* <YYYY-MM-DDTHR:MIN:SEC>] [*detail*] tenant *WORD* bridge-domain *WORD* first-hop-security statistics dhcpv4

Description: Show Bridge-domain First Hop Security DHCPv4 Statistics

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the bridge-domain (Max Size 64) |

Command Mode: exec : Exec Mode

Command Path:

```
# show audits [id <log-id>] [action <action-type>] [user <user-name>] [last-minutes <NUMBER>]
  [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
  <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD bridge-domain WORD first-hop-security
  statistics dhcpv4
```

show audits tenant bridge-domain first-hop-security statistics dhcpv6

show audits [id <log-id>] [action <action-type>] [user <user-name>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant *WORD* bridge-domain *WORD* first-hop-security statistics dhcpv6

Description: Show Bridge-domain First Hop Security DHCPv6 Statistics

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the bridge-domain (Max Size 64) |

Command Mode: exec : Exec Mode

Command Path:

```
# show audits [id <log-id>] [action <action-type>] [user <user-name>] [last-minutes <NUMBER>]
  [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
  <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD bridge-domain WORD first-hop-security
statistics dhcpv6
```

show audits tenant bridge-domain first-hop-security statistics neighbor-discovery

show audits [*id* <log-id>] [*action* <action-type>] [*user* <user-name>] [*last-minutes* <NUMBER>] [*last-hours* <NUMBER>] [*last-days* <NUMBER>] [*start-time* <YYYY-MM-DDTHR:MIN:SEC>] [*end-time* <YYYY-MM-DDTHR:MIN:SEC>] [*detail*] tenant *WORD* bridge-domain *WORD* first-hop-security statistics neighbor-discovery

Description: Show Bridge-domain First Hop Security Neighbor Discovery Statistics

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the bridge-domain (Max Size 64) |

Command Mode: exec : Exec Mode

Command Path:

```
# show audits [id <log-id>] [action <action-type>] [user <user-name>] [last-minutes <NUMBER>]
  [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
  <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD bridge-domain WORD first-hop-security
statistics neighbor-discovery
```

show audits tenant dnsservergroup

show audits [id <log-id>] [action <action-type>] [user <user-name>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant **WORD** dnsservergroup **WORD**

Description: Show Dns Server Group Information

Syntax:

| | |
|-------------|--|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the dns server group we eventually want to filter on (Max Size 16) |

Command Mode: exec : Exec Mode

Command Path:

```
# show audits [id <log-id>] [action <action-type>] [user <user-name>] [last-minutes <NUMBER>]
[last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
<YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD dnsservergroup WORD
```

show audits tenant dnsservergroup server

show audits [*id* <log-id>] [*action* <action-type>] [*user* <user-name>] [*last-minutes* <NUMBER>] [*last-hours* <NUMBER>] [*last-days* <NUMBER>] [*start-time* <YYYY-MM-DDTHR:MIN:SEC>] [*end-time* <YYYY-MM-DDTHR:MIN:SEC>] [*detail*] **tenant** *WORD* **dnsservergroup** *WORD* **server** *WORD*

Description: Show Dns Server Information

Syntax:

| | |
|-------------|--|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the dns server group we eventually want to filter on (Max Size 16) |
| <i>WORD</i> | IP of server we eventually want to filter on (Max Size None) |

Command Mode: exec : Exec Mode

Command Path:

```
# show audits [id <log-id>] [action <action-type>] [user <user-name>] [last-minutes <NUMBER>]
[last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
<YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD dnsservergroup WORD server WORD
```

show audits tenant dnsservergroup server domain

show audits [id <log-id>] [action <action-type>] [user <user-name>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant **WORD** dnsservergroup **WORD** server **WORD** domain **WORD**

Description: Show Dns Domain Information

Syntax:

| | |
|-------------|--|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the dns server group we eventually want to filter on (Max Size 16) |
| <i>WORD</i> | IP of server we eventually want to filter on (Max Size None) |
| <i>WORD</i> | Domain we eventually want to filter on (Max Size 512) |

Command Mode: exec : Exec Mode

Command Path:

```
# show audits [id <log-id>] [action <action-type>] [user <user-name>] [last-minutes <NUMBER>]
[last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
<YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD dnsservergroup WORD server WORD domain WORD
```

show audits tenant interface bridge-domain

show audits [*id* <log-id>] [*action* <action-type>] [*user* <user-name>] [*last-minutes* <NUMBER>] [*last-hours* <NUMBER>] [*last-days* <NUMBER>] [*start-time* <YYYY-MM-DDTHR:MIN:SEC>] [*end-time* <YYYY-MM-DDTHR:MIN:SEC>] [*detail*] tenant **WORD** interface bridge-domain **WORD**

Description: Show Bridge-domain Information

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the bridge-domain (Max Size 64) |

Command Mode: exec : Exec Mode

Command Path:

```
# show audits [id <log-id>] [action <action-type>] [user <user-name>] [last-minutes <NUMBER>]
[last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
<YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD interface bridge-domain WORD
```

show audits tenant interface bridge-domain detail

show audits [*id* <log-id>] [*action* <action-type>] [*user* <user-name>] [*last-minutes* <NUMBER>] [*last-hours* <NUMBER>] [*last-days* <NUMBER>] [*start-time* <YYYY-MM-DDTHR:MIN:SEC>] [*end-time* <YYYY-MM-DDTHR:MIN:SEC>] [*detail*] **tenant** *WORD* **interface** **bridge-domain** *WORD* **detail**

Description: Show Bridge-domain Detailed Information

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the bridge-domain (Max Size 64) |

Command Mode: exec : Exec Mode

Command Path:

```
# show audits [id <log-id>] [action <action-type>] [user <user-name>] [last-minutes <NUMBER>]
  [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
  <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD interface bridge-domain WORD detail
```


show audits tenant interface bridge-domain first-hop-security binding-table

show audits [*id* <log-id>] [*action* <action-type>] [*user* <user-name>] [*last-minutes* <NUMBER>] [*last-hours* <NUMBER>] [*last-days* <NUMBER>] [*start-time* <YYYY-MM-DDTHR:MIN:SEC>] [*end-time* <YYYY-MM-DDTHR:MIN:SEC>] [*detail*] tenant *WORD* interface bridge-domain *WORD* first-hop-security binding-table

Description: Show Bridge-domain Binding Table Information

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the bridge-domain (Max Size 64) |

Command Mode: exec : Exec Mode

Command Path:

```
# show audits [id <log-id>] [action <action-type>] [user <user-name>] [last-minutes <NUMBER>]
[last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
<YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD interface bridge-domain WORD first-hop-security
binding-table
```

show audits tenant interface bridge-domain first-hop-security statistics arp

show audits [id <log-id>] [action <action-type>] [user <user-name>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant **WORD** interface bridge-domain **WORD** first-hop-security statistics arp

Description: Show Bridge-domain First Hop Security ARP Statistics

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the bridge-domain (Max Size 64) |

Command Mode: exec : Exec Mode

Command Path:

```
# show audits [id <log-id>] [action <action-type>] [user <user-name>] [last-minutes <NUMBER>]
[last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
<YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD interface bridge-domain WORD first-hop-security
statistics arp
```

show audits tenant interface bridge-domain first-hop-security statistics dhcpv4

show audits [*id* <log-id>] [*action* <action-type>] [*user* <user-name>] [*last-minutes* <NUMBER>] [*last-hours* <NUMBER>] [*last-days* <NUMBER>] [*start-time* <YYYY-MM-DDTHR:MIN:SEC>] [*end-time* <YYYY-MM-DDTHR:MIN:SEC>] [*detail*] tenant *WORD* interface bridge-domain *WORD* first-hop-security statistics dhcpv4

Description: Show Bridge-domain First Hop Security DHCPv4 Statistics

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the bridge-domain (Max Size 64) |

Command Mode: exec : Exec Mode

Command Path:

```
# show audits [id <log-id>] [action <action-type>] [user <user-name>] [last-minutes <NUMBER>]
[last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
<YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD interface bridge-domain WORD first-hop-security
statistics dhcpv4
```

show audits tenant interface bridge-domain first-hop-security statistics dhcpv6

show audits [id <log-id>] [action <action-type>] [user <user-name>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant **WORD** interface bridge-domain **WORD** first-hop-security statistics dhcpv6

Description: Show Bridge-domain First Hop Security DHCPv6 Statistics

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the bridge-domain (Max Size 64) |

Command Mode: exec : Exec Mode

Command Path:

```
# show audits [id <log-id>] [action <action-type>] [user <user-name>] [last-minutes <NUMBER>]
[last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
<YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD interface bridge-domain WORD first-hop-security
statistics dhcpv6
```

show audits tenant interface bridge-domain first-hop-security statistics neighbor-discovery

show audits [*id* <log-id>] [*action* <action-type>] [*user* <user-name>] [*last-minutes* <NUMBER>] [*last-hours* <NUMBER>] [*last-days* <NUMBER>] [*start-time* <YYYY-MM-DDTHR:MIN:SEC>] [*end-time* <YYYY-MM-DDTHR:MIN:SEC>] [*detail*] tenant *WORD* interface bridge-domain *WORD* first-hop-security statistics neighbor-discovery

Description: Show Bridge-domain First Hop Security Neighbor Discovery Statistics

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the bridge-domain (Max Size 64) |

Command Mode: exec : Exec Mode

Command Path:

```
# show audits [id <log-id>] [action <action-type>] [user <user-name>] [last-minutes <NUMBER>]
[last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
<YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD interface bridge-domain WORD first-hop-security
statistics neighbor-discovery
```

show audits tenant multicast-route-maps

show audits [id <log-id>] [action <action-type>] [user <user-name>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant **WORD** multicast-route-maps

Description: Show multicast route-maps per Tenant

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
|-------------|---|

Command Mode: exec : Exec Mode

Command Path:

```
# show audits [id <log-id>] [action <action-type>] [user <user-name>] [last-minutes <NUMBER>]
  [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
    <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD multicast-route-maps
```

show audits tenant vrf

show audits [*id* <log-id>] [*action* <action-type>] [*user* <user-name>] [*last-minutes* <NUMBER>] [*last-hours* <NUMBER>] [*last-days* <NUMBER>] [*start-time* <YYYY-MM-DDTHR:MIN:SEC>] [*end-time* <YYYY-MM-DDTHR:MIN:SEC>] [*detail*] **tenant** *WORD* **vrf** *WORD*

Description: Show VRF Information

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the VRF to filter on (Max Size 64) |

Command Mode: exec : Exec Mode

Command Path:

```
# show audits [id <log-id>] [action <action-type>] [user <user-name>] [last-minutes <NUMBER>]
[last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
<YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD vrf WORD
```

show audits tenant vrf aclog l2

show audits [*id* <log-id>] [*action* <action-type>] [*user* <user-name>] [*last-minutes* <NUMBER>] [*last-hours* <NUMBER>] [*last-days* <NUMBER>] [*start-time* <YYYY-MM-DDTHR:MIN:SEC>] [*end-time* <YYYY-MM-DDTHR:MIN:SEC>] [*detail*] tenant *WORD* vrf *WORD* aclog <permitDrop> l2 flow vlan <NUMBER> srcintf <srcintf>

Description: L2 flow stats

Syntax:

| | |
|--------------------|--|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the VRF to filter on (Max Size 64) |
| <i>permitDrop</i> | permitDrop |
| flow | flowi stats |
| vlan | vlan info |
| < <i>vlan</i> > | <vlan>. Number range from=0 to=9223372036854775807 |
| srcintf | source interface |
| < <i>srcintf</i> > | <srcintf> |

Command Mode: exec : Exec Mode

Command Path:

```
# show audits [id <log-id>] [action <action-type>] [user <user-name>] [last-minutes <NUMBER>]
  [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
  <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD vrf WORD aclog <permitDrop> l2 flow vlan
  <NUMBER> srcintf <srcintf>
```


show audits tenant vrf acllog l3

```
show audits [id <log-id>] [action <action-type>] [user <user-name>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD vrf WORD acllog <permitDrop> l3 flow srcpctag <srcpctag> dstpctag <dstpctag> srcepgname <srcepgname> dstepgname <dstepgname> srcip <A.B.C.D or A:B::C:D> dstip <A.B.C.D or A:B::C:D> proto <proto> srcport <srcport> dstport <dstport> srcintf <srcintf>
```

Description: L3 flow stats

Syntax:

| | |
|----------------------------|--|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the VRF to filter on (Max Size 64) |
| <i>permitDrop</i> | permitDrop |
| flow | flow stats |
| srcpctag | source pc tag |
| <i><srcpctag></i> | <i><srcpctag></i> |
| dstpctag | destination pc tag |
| <i><dstpctag></i> | <i><dstpctag></i> |
| srcepgname | source epg name |
| <i><srcepgname></i> | <i><srcepgname></i> |
| dstepgname | destination epg name |
| <i><dstepgname></i> | <i><dstepgname></i> |
| srcip | source ip |
| <i>A.B.C.D or A:B::C:D</i> | IP address in format i.i.i.i or IPv6 address in format xxxx:xxxx, xxxx::xx |
| dstip | destination ip |
| <i>A.B.C.D or A:B::C:D</i> | IP address in format i.i.i.i or IPv6 address in format xxxx:xxxx, xxxx::xx |
| proto | protocol |
| <i><proto></i> | <i><proto></i> |
| srcport | source port |
| <i><srcport></i> | <i><srcport></i> |
| dstport | destination port |

| | |
|------------------------|------------------------|
| <i><dstport></i> | <i><dstport></i> |
| srcintf | source interface |
| <i><srcintf></i> | <i><srcintf></i> |

Command Mode: exec : Exec Mode

Command Path:

```
# show audits [id <log-id>] [action <action-type>] [user <user-name>] [last-minutes <NUMBER>]
  [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
  <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD vrf WORD acllog <permitDrop> l3 flow srcpctag
  <srcpctag> dstpctag <dstpctag> srcepname <srcepname> dstepname <dstepname> srcip
  <A.B.C.D or A:B::C:D> dstip <A.B.C.D or A:B::C:D> proto <proto> srcport <srcport> dstport
  <dstport> srcintf <srcintf>
```

show audits tenant vrf detail

show audits [*id* <log-id>] [*action* <action-type>] [*user* <user-name>] [*last-minutes* <NUMBER>] [*last-hours* <NUMBER>] [*last-days* <NUMBER>] [*start-time* <YYYY-MM-DDTHR:MIN:SEC>] [*end-time* <YYYY-MM-DDTHR:MIN:SEC>] [*detail*] tenant **WORD** vrf **WORD** detail

Description: Show detailed view of VRF

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the VRF to filter on (Max Size 64) |

Command Mode: exec : Exec Mode

Command Path:

```
# show audits [id <log-id>] [action <action-type>] [user <user-name>] [last-minutes <NUMBER>]
  [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
  <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD vrf WORD detail
```

show audits tenant vrf external-l3 bgp

show audits [*id* <log-id>] [*action* <action-type>] [*user* <user-name>] [*last-minutes* <NUMBER>] [*last-hours* <NUMBER>] [*last-days* <NUMBER>] [*start-time* <YYYY-MM-DDTHR:MIN:SEC>] [*end-time* <YYYY-MM-DDTHR:MIN:SEC>] [*detail*] **tenant** *WORD* **vrf** *WORD* **external-l3 bgp**

Description: Show command for BGP peers

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the VRF to filter on (Max Size 64) |

Command Mode: exec : Exec Mode

Command Path:

```
# show audits [id <log-id>] [action <action-type>] [user <user-name>] [last-minutes <NUMBER>]
  [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
  <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD vrf WORD external-l3 bgp
```

show audits tenant vrf external-l3 bgp node

```
show audits [id <log-id>] [action <action-type>] [user <user-name>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD vrf WORD external-l3 bgp node <101-4000>
```

Description: node to filter on

Syntax:

| | |
|-------------------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the VRF to filter on (Max Size 64) |
| <i><101-4000></i> | Leaf Range or Leaf Name List |

Command Mode: exec : Exec Mode

Command Path:

```
# show audits [id <log-id>] [action <action-type>] [user <user-name>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD vrf WORD external-l3 bgp node <101-4000>
```

show audits tenant vrf external-l3 eigrp

show audits [*id* <log-id>] [*action* <action-type>] [*user* <user-name>] [*last-minutes* <NUMBER>] [*last-hours* <NUMBER>] [*last-days* <NUMBER>] [*start-time* <YYYY-MM-DDTHR:MIN:SEC>] [*end-time* <YYYY-MM-DDTHR:MIN:SEC>] [*detail*] **tenant** *WORD* **vrf** *WORD* **external-l3 eigrp**

Description: Show external l3 EIGRP

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the VRF to filter on (Max Size 64) |

Command Mode: exec : Exec Mode

Command Path:

```
# show audits [id <log-id>] [action <action-type>] [user <user-name>] [last-minutes <NUMBER>]
  [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
  <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD vrf WORD external-l3 eigrp
```

show audits tenant vrf external-l3 eigrp detail

show audits [*id* <log-id>] [*action* <action-type>] [*user* <user-name>] [*last-minutes* <NUMBER>] [*last-hours* <NUMBER>] [*last-days* <NUMBER>] [*start-time* <YYYY-MM-DDTHR:MIN:SEC>] [*end-time* <YYYY-MM-DDTHR:MIN:SEC>] [*detail*] tenant **WORD** vrf **WORD** external-l3 eigrp detail

Description: Show interanl details

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the VRF to filter on (Max Size 64) |

Command Mode: exec : Exec Mode

Command Path:

```
# show audits [id <log-id>] [action <action-type>] [user <user-name>] [last-minutes <NUMBER>]
[last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
<YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD vrf WORD external-l3 eigrp detail
```

show audits tenant vrf external-l3 epg

show audits [*id* <log-id>] [*action* <action-type>] [*user* <user-name>] [*last-minutes* <NUMBER>] [*last-hours* <NUMBER>] [*last-days* <NUMBER>] [*start-time* <YYYY-MM-DDTHR:MIN:SEC>] [*end-time* <YYYY-MM-DDTHR:MIN:SEC>] [*detail*] **tenant** *WORD* **vrf** *WORD* **external-l3** **epg** <epgName>

Description: Show command for external-l3 epgs

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the VRF to filter on (Max Size 64) |
| <epgName> | Name of the EPG to filter on |

Command Mode: exec : Exec Mode

Command Path:

```
# show audits [id <log-id>] [action <action-type>] [user <user-name>] [last-minutes <NUMBER>]
[last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
<YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD vrf WORD external-l3 epg <epgName>
```


show audits tenant vrf external-l3 epg detail

show audits [*id* <log-id>] [*action* <action-type>] [*user* <user-name>] [*last-minutes* <NUMBER>] [*last-hours* <NUMBER>] [*last-days* <NUMBER>] [*start-time* <YYYY-MM-DDTHR:MIN:SEC>] [*end-time* <YYYY-MM-DDTHR:MIN:SEC>] [*detail*] tenant **WORD** vrf **WORD** external-l3 epg <epgName> detail

Description: external-l3 epg in detail with operational status

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the VRF to filter on (Max Size 64) |
| <epgName> | Name of the EPG to filter on |

Command Mode: exec : Exec Mode

Command Path:

```
# show audits [id <log-id>] [action <action-type>] [user <user-name>] [last-minutes <NUMBER>]
[last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
<YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD vrf WORD external-l3 epg <epgName> detail
```

show audits tenant vrf external-l3 epg name

```
show audits [id <log-id>] [action <action-type>] [user <user-name>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD vrf WORD external-l3 epg <epgName> name <epgName>
```

Description: EPG name to filter on

Syntax:

| | |
|------------------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the VRF to filter on (Max Size 64) |
| <i><epgName></i> | Name of the EPG to filter on |
| <i><epgName></i> | Name of the EPG to filter on |

Command Mode: exec : Exec Mode

Command Path:

```
# show audits [id <log-id>] [action <action-type>] [user <user-name>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD vrf WORD external-l3 epg <epgName> name <epgName>
```

show audits tenant vrf external-l3 epg name detail

show audits [id <log-id>] [action <action-type>] [user <user-name>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant **WORD** vrf **WORD** external-l3 epg <epgName> name <epgName> detail

Description: external-l3 epg in detail with operational status

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the VRF to filter on (Max Size 64) |
| <epgName> | Name of the EPG to filter on |
| <epgName> | Name of the EPG to filter on |

Command Mode: exec : Exec Mode

Command Path:

```
# show audits [id <log-id>] [action <action-type>] [user <user-name>] [last-minutes <NUMBER>]
  [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
  <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD vrf WORD external-l3 epg <epgName> name
  <epgName> detail
```

show audits tenant vrf external-l3 interfaces

show audits [*id* <log-id>] [*action* <action-type>] [*user* <user-name>] [*last-minutes* <NUMBER>] [*last-hours* <NUMBER>] [*last-days* <NUMBER>] [*start-time* <YYYY-MM-DDTHR:MIN:SEC>] [*end-time* <YYYY-MM-DDTHR:MIN:SEC>] [*detail*] **tenant** *WORD* **vrf** *WORD* **external-l3** **interfaces**

Description: Show tenant <tenant> vrf <vrf> external l3 interfaces

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the VRF to filter on (Max Size 64) |

Command Mode: exec : Exec Mode

Command Path:

```
# show audits [id <log-id>] [action <action-type>] [user <user-name>] [last-minutes <NUMBER>]
  [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
  <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD vrf WORD external-l3 interfaces
```

show audits tenant vrf external-l3 interfaces detail

show audits [*id* <log-id>] [*action* <action-type>] [*user* <user-name>] [*last-minutes* <NUMBER>] [*last-hours* <NUMBER>] [*last-days* <NUMBER>] [*start-time* <YYYY-MM-DDTHR:MIN:SEC>] [*end-time* <YYYY-MM-DDTHR:MIN:SEC>] [*detail*] tenant **WORD** vrf **WORD** external-l3 interfaces detail

Description: Show interfaces details

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the VRF to filter on (Max Size 64) |

Command Mode: exec : Exec Mode

Command Path:

```
# show audits [id <log-id>] [action <action-type>] [user <user-name>] [last-minutes <NUMBER>]
[last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
<YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD vrf WORD external-l3 interfaces detail
```

show audits tenant vrf external-l3 ospf

show audits [*id* <log-id>] [*action* <action-type>] [*user* <user-name>] [*last-minutes* <NUMBER>] [*last-hours* <NUMBER>] [*last-days* <NUMBER>] [*start-time* <YYYY-MM-DDTHR:MIN:SEC>] [*end-time* <YYYY-MM-DDTHR:MIN:SEC>] [*detail*] **tenant** *WORD* **vrf** *WORD* **external-l3 ospf**

Description: Show command for IPv4 and IPv6 external l3 OSPF configuration

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the VRF to filter on (Max Size 64) |

Command Mode: exec : Exec Mode

Command Path:

```
# show audits [id <log-id>] [action <action-type>] [user <user-name>] [last-minutes <NUMBER>]
  [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
  <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD vrf WORD external-l3 ospf
```

show audits tenant vrf external-l3 ospf detail

show audits [*id* <log-id>] [*action* <action-type>] [*user* <user-name>] [*last-minutes* <NUMBER>] [*last-hours* <NUMBER>] [*last-days* <NUMBER>] [*start-time* <YYYY-MM-DDTHR:MIN:SEC>] [*end-time* <YYYY-MM-DDTHR:MIN:SEC>] [*detail*] tenant *WORD* vrf *WORD* external-l3 ospf detail

Description: Show internal details

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the VRF to filter on (Max Size 64) |

Command Mode: exec : Exec Mode

Command Path:

```
# show audits [id <log-id>] [action <action-type>] [user <user-name>] [last-minutes <NUMBER>]
  [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
  <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD vrf WORD external-l3 ospf detail
```

show audits tenant vrf external-l3 scale

show audits [*id* <log-id>] [*action* <action-type>] [*user* <user-name>] [*last-minutes* <NUMBER>] [*last-hours* <NUMBER>] [*last-days* <NUMBER>] [*start-time* <YYYY-MM-DDTHR:MIN:SEC>] [*end-time* <YYYY-MM-DDTHR:MIN:SEC>] [*detail*] **tenant** *WORD* **vrf** *WORD* **external-l3** **scale**

Description: scale command

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the VRF to filter on (Max Size 64) |

Command Mode: exec : Exec Mode

Command Path:

```
# show audits [id <log-id>] [action <action-type>] [user <user-name>] [last-minutes <NUMBER>]
  [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
  <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD vrf WORD external-l3 scale
```


show audits tenant vrf external-l3 scale detail

show audits [*id* <log-id>] [*action* <action-type>] [*user* <user-name>] [*last-minutes* <NUMBER>] [*last-hours* <NUMBER>] [*last-days* <NUMBER>] [*start-time* <YYYY-MM-DDTHR:MIN:SEC>] [*end-time* <YYYY-MM-DDTHR:MIN:SEC>] [*detail*] tenant **WORD** vrf **WORD** external-l3 scale detail

Description: Show scale details

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the VRF to filter on (Max Size 64) |

Command Mode: exec : Exec Mode

Command Path:

```
# show audits [id <log-id>] [action <action-type>] [user <user-name>] [last-minutes <NUMBER>]
[last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
<YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD vrf WORD external-l3 scale detail
```

show audits tenant vrf external-l3 static-route

show audits [*id* <log-id>] [*action* <action-type>] [*user* <user-name>] [*last-minutes* <NUMBER>] [*last-hours* <NUMBER>] [*last-days* <NUMBER>] [*start-time* <YYYY-MM-DDTHR:MIN:SEC>] [*end-time* <YYYY-MM-DDTHR:MIN:SEC>] [*detail*] tenant *WORD* vrf *WORD* external-l3 static-route

Description: Show command for external-l3 static routes

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the VRF to filter on (Max Size 64) |

Command Mode: exec : Exec Mode

Command Path:

```
# show audits [id <log-id>] [action <action-type>] [user <user-name>] [last-minutes <NUMBER>]
  [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
  <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD vrf WORD external-l3 static-route
```

show audits tenant vrf external-l3 static-route detail

show audits [*id* <log-id>] [*action* <action-type>] [*user* <user-name>] [*last-minutes* <NUMBER>] [*last-hours* <NUMBER>] [*last-days* <NUMBER>] [*start-time* <YYYY-MM-DDTHR:MIN:SEC>] [*end-time* <YYYY-MM-DDTHR:MIN:SEC>] [*detail*] tenant **WORD** vrf **WORD** external-l3 static-route detail

Description: static-route in detail with operational status

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the VRF to filter on (Max Size 64) |

Command Mode: exec : Exec Mode

Command Path:

```
# show audits [id <log-id>] [action <action-type>] [user <user-name>] [last-minutes <NUMBER>]
  [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
  <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD vrf WORD external-l3 static-route detail
```

show audits tenant vrf external-l3 static-route node

show audits [*id* <log-id>] [*action* <action-type>] [*user* <user-name>] [*last-minutes* <NUMBER>] [*last-hours* <NUMBER>] [*last-days* <NUMBER>] [*start-time* <YYYY-MM-DDTHR:MIN:SEC>] [*end-time* <YYYY-MM-DDTHR:MIN:SEC>] [*detail*] tenant *WORD* vrf *WORD* external-l3 static-route node

Description: node to filter on

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the VRF to filter on (Max Size 64) |
| <i>arg</i> | Leaf Range or Leaf Name List |

Command Mode: exec : Exec Mode

Command Path:

```
# show audits [id <log-id>] [action <action-type>] [user <user-name>] [last-minutes <NUMBER>]
[last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
<YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD vrf WORD external-l3 static-route node
```

show audits tenant vrf external-l3 static-route node detail

```
show audits [id <log-id>] [action <action-type>] [user <user-name>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD vrf WORD external-l3 static-route node detail
```

Description: static-route in detail with operational status

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the VRF to filter on (Max Size 64) |
| <i>arg</i> | Leaf Range or Leaf Name List |

Command Mode: exec : Exec Mode

Command Path:

```
# show audits [id <log-id>] [action <action-type>] [user <user-name>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD vrf WORD external-l3 static-route node detail
```

show audits tenant vrf multicast

show audits [*id* <log-id>] [*action* <action-type>] [*user* <user-name>] [*last-minutes* <NUMBER>] [*last-hours* <NUMBER>] [*last-days* <NUMBER>] [*start-time* <YYYY-MM-DDTHR:MIN:SEC>] [*end-time* <YYYY-MM-DDTHR:MIN:SEC>] [*detail*] **tenant** *WORD* **vrf** *WORD* **multicast**

Description: Show multicast configuration per VRF

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the VRF to filter on (Max Size 64) |

Command Mode: exec : Exec Mode

Command Path:

```
# show audits [id <log-id>] [action <action-type>] [user <user-name>] [last-minutes <NUMBER>]
  [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
  <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD vrf WORD multicast
```

show bridge-domain

show bridge-domain WORD

Description: Show Bridge-domain Information

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the bridge-domain (Max Size 64) |
|-------------|---|

Command Mode: exec : Exec Mode

Command Path:

```
# show bridge-domain WORD
```

show bridge-domain detail

show bridge-domain WORD detail

Description: Show Bridge-domain Detailed Information

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the bridge-domain (Max Size 64) |
|-------------|---|

Command Mode: exec : Exec Mode

Command Path:

```
# show bridge-domain WORD detail
```


show bridge-domain first-hop-security binding-table

show bridge-domain WORD first-hop-security binding-table

Description: Show Bridge-domain Binding Table Information

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the bridge-domain (Max Size 64) |
|-------------|---|

Command Mode: exec : Exec Mode

Command Path:

```
# show bridge-domain WORD first-hop-security binding-table
```

show bridge-domain first-hop-security statistics arp

show bridge-domain WORD first-hop-security statistics arp

Description: Show Bridge-domain First Hop Security ARP Statistics

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the bridge-domain (Max Size 64) |
|-------------|---|

Command Mode: exec : Exec Mode

Command Path:

```
# show bridge-domain WORD first-hop-security statistics arp
```

show bridge-domain first-hop-security statistics dhcpv4

show bridge-domain WORD first-hop-security statistics dhcpv4

Description: Show Bridge-domain First Hop Security DHCPv4 Statistics

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the bridge-domain (Max Size 64) |
|-------------|---|

Command Mode: exec : Exec Mode

Command Path:

```
# show bridge-domain WORD first-hop-security statistics dhcpv4
```

show bridge-domain first-hop-security statistics dhcpv6

show bridge-domain WORD first-hop-security statistics dhcpv6

Description: Show Bridge-domain First Hop Security DHCPv6 Statistics

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the bridge-domain (Max Size 64) |
|-------------|---|

Command Mode: exec : Exec Mode

Command Path:

```
# show bridge-domain WORD first-hop-security statistics dhcpv6
```

show bridge-domain first-hop-security statistics neighbor-discovery

show bridge-domain WORD first-hop-security statistics neighbor-discovery

Description: Show Bridge-domain First Hop Security Neighbor Discovery Statistics

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the bridge-domain (Max Size 64) |
|-------------|---|

Command Mode: exec : Exec Mode

Command Path:

```
# show bridge-domain WORD first-hop-security statistics neighbor-discovery
```

show callhome

show callhome common

Description: Show command for callhome

Syntax:

| | |
|--------|--------|
| common | Common |
|--------|--------|

Command Mode: exec : Exec Mode

Command Path:

```
# show callhome common
```

show callhome common destination-profile

show callhome common destination-profile

Description: Show command for callhome destination-profile

Syntax:

| | |
|--------|--------|
| common | Common |
|--------|--------|

Command Mode: exec : Exec Mode

Command Path:

```
# show callhome common destination-profile
```

show callhome common query-profile

show callhome common query-profile

Description: Show command for callhome destination-profile

Syntax:

| | |
|--------|--------|
| common | Common |
|--------|--------|

Command Mode: exec : Exec Mode

Command Path:

```
# show callhome common query-profile
```


show callhome common transport-email

show callhome common transport-email

Description: Show command for callhome transport-email

Syntax:

| | |
|--------|--------|
| common | Common |
|--------|--------|

Command Mode: exec : Exec Mode

Command Path:

```
# show callhome common transport-email
```

show catalog

show catalog

Description: Show catalog information

Command Mode: exec : Exec Mode

Command Path:

```
# show catalog
```

show cli command

show cli command <WORD> [mode <mode-name>]

Description: Show Commands Syntax

Syntax:

| | |
|----------------------|--|
| <i>WORD</i> | Command Name pattern between single quotes |
| < <i>mode-name</i> > | (Optional) Mode name pattern between single quotes |
| details | (Optional) Show Command Details |

Command Mode: exec : Exec Mode

Command Path:

```
# show cli command <WORD> [mode <mode-name>]
```

show cli list

show cli list [mode <mode-name>]

Description: Show all cli-related commands

Syntax:

| | |
|--------------------------|--|
| <i><mode-name></i> | (Optional) Mode name pattern between single quotes |
| details | (Optional) Show Command Details |

Command Mode: exec : Exec Mode

Command Path:

```
# show cli list [mode <mode-name>]
```

show cli manpage

show cli manpage <WORD> [mode <mode-name>]

Description: Show Commands ManPage

Syntax:

| | |
|----------------------|--|
| <i>WORD</i> | Command Name pattern between single quotes |
| < <i>mode-name</i> > | (Optional) Mode name pattern between single quotes |
| details | (Optional) Show Command Details |

Command Mode: exec : Exec Mode

Command Path:

```
# show cli manpage <WORD> [mode <mode-name>]
```

show cli path

show cli path <WORD> [mode <mode-name>]

Description: Show Commands Path

Syntax:

| | |
|-------------|--|
| <i>WORD</i> | Command Name pattern between single quotes |
| <mode-name> | (Optional) Mode name pattern between single quotes |
| details | (Optional) Show Command Details |

Command Mode: exec : Exec Mode

Command Path:

```
# show cli path <WORD> [mode <mode-name>]
```

show clock

show clock

Description: Show clock information

Command Mode: exec : Exec Mode

Command Path:

```
# show clock
```

show communication ciphers

show communication ciphers

Description: HTTPS service cipher suite listings

Command Mode: exec : Exec Mode

Command Path:

```
# show communication ciphers
```


show communication controller

show communication controller node-id

Description: Show command for nginx web-requests

Syntax:

| | |
|----------------|---------|
| <i>node-id</i> | node-id |
|----------------|---------|

Command Mode: exec : Exec Mode

Command Path:

```
# show communication controller node-id
```

show communication http

show communication http

Description: HTTP service settings

Command Mode: exec : Exec Mode

Command Path:

```
# show communication http
```

show communication https

show communication https

Description: HTTPS service settings

Command Mode: exec : Exec Mode

Command Path:

```
# show communication https
```

show communication shellinabox

show communication shellinabox

Description: Shellinabox service settings

Command Mode: exec : Exec Mode

Command Path:

```
# show communication shellinabox
```

show communication ssh-service

show communication ssh-service

Description: SSH service settings

Command Mode: exec : Exec Mode

Command Path:

```
# show communication ssh-service
```

show communication telnet

show communication telnet

Description: Telnet service settings

Command Mode: exec : Exec Mode

Command Path:

```
# show communication telnet
```

show communication web-requests

show communication web-requests

Description: Status of last web requests

Command Mode: exec : Exec Mode

Command Path:

```
# show communication web-requests
```

show contract-type

show contract-type WORD

Description: Show Contracts Information Based on Type

Syntax:

| | |
|-------------|--|
| <i>WORD</i> | whitelist (permit) or blacklist(deny) or oob-mgmt type of contract |
|-------------|--|

Command Mode: exec : Exec Mode

Command Path:

```
# show contract-type WORD
```


show contract

show contract WORD

Description: Show Contracts Information

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the Contract to filter on (Max Size 64) |
|-------------|---|

Command Mode: exec : Exec Mode

Command Path:

```
# show contract WORD
```

show controller

show controller

Description: Show controller information

Command Mode: exec : Exec Mode

Command Path:

```
# show controller
```

show controller detail

show controller detail [id <node-id>]

Description: Detailed controller information

Syntax:

| | |
|----------------|-----------------------------------|
| <i>node-id</i> | (Optional) Optional Serial number |
|----------------|-----------------------------------|

Command Mode: exec : Exec Mode

Command Path:

```
# show controller detail [id <node-id>]
```

show cores

show cores

Description: Show all core dumps

Command Mode: exec : Exec Mode

Command Path:

```
# show cores
```

show cores status

show cores status

Description: Show exported core status

Command Mode: exec : Exec Mode

Command Path:

```
# show cores status
```

show debug counter

show debug <node-name> <process> counter <counterTopics>

Description: Show Counter information

Syntax:

| | |
|------------------------------|----------------|
| <i><node-name></i> | Node name |
| <i><process></i> | Process name |
| <i><counterTopics></i> | Counter Topics |

Command Mode: exec : Exec Mode

Command Path:

```
# show debug <node-name> <process> counter <counterTopics>
```

show debug log

show debug <node-name> <process> log

Description: Show log level information

Syntax:

| | |
|--------------------------|--------------|
| <i><node-name></i> | Node name |
| <i><process></i> | Process name |

Command Mode: exec : Exec Mode

Command Path:

```
# show debug <node-name> <process> log
```

show deployment endpoint node

show deployment endpoint node <WORD>

Description: Node id

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Leaf Number (Max Size 4000). Number range from=0 to=9223372036854775807 |
|-------------|---|

Command Mode: exec : Exec Mode

Command Path:

```
# show deployment endpoint node <WORD>
```


show dns-address

show dns-address

Description: Show dns address information

Command Mode: exec : Exec Mode

Command Path:

```
# show dns-address
```

show dns-domain

show dns-domain

Description: Show dns domain information

Command Mode: exec : Exec Mode

Command Path:

```
# show dns-domain
```

show dot1q-tunnel

show dot1q-tunnel WORD

Description: Show Dot1q-tunnel Information

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the AEPG to filter on (Max Size 64) |
|-------------|---|

Command Mode: exec : Exec Mode

Command Path:

```
# show dot1q-tunnel WORD
```

show dwdm interface

show dwdm interface switch <101-4000>

Description: interface

Syntax:

| | |
|------------|-----------|
| switch | switch |
| <101-4000> | switch ID |

Command Mode: exec : Exec Mode

Command Path:

```
# show dwdm interface switch <101-4000>
```

show endpoints

show endpoints [*type* <type>] [*mac* <E.E.E EE-EE-EE-EE-EE-EE EE:EE:EE:EE:EE:EE EEEE.EEEE.EEEE >] [*vlan* <NUMBER>] [*ip* <A.B.C.D>] [*ipv6* <A:B::C:D>]

Description: Show IP endpoints

Syntax:

| | |
|---|--|
| <i>type</i> | (Optional) Endpoint Type |
| <i>E.E.E EE-EE-EE-EE-EE-EE EE:EE:EE:EE:EE:EE EEEE.EEEE.EEEE</i> | (Optional) MAC address (Option 1) MAC address (Option 2) MAC address (Option 3) MAC address (Option 4) |
| <1-4094> | (Optional) Encapsulation Vlan. Number range from=1 to=4094 |
| <i>A.B.C.D</i> | (Optional) IP Unicast address in format i.i.i.i |
| <i>A:B::C:D</i> | (Optional) IPv6 address in format xxxx:xxxx, xxxx::xx |

Command Mode: exec : Exec Mode

Command Path:

```
# show endpoints [type <type>] [mac <E.E.E EE-EE-EE-EE-EE-EE EE:EE:EE:EE:EE:EE EEEE.EEEE.EEEE >] [vlan <NUMBER>] [ip <A.B.C.D>] [ipv6 <A:B::C:D>]
```

show endpoints leaf interface ethernet

show endpoints [*type* <type>] [*mac* <E.E.E EE-EE-EE-EE-EE-EE EE:EE:EE:EE:EE:EE EEEE.EEEE.EEEE >] [*vlan* <NUMBER>] [*ip* <A.B.C.D>] [*ipv6* <A:B::C:D>] *leaf* <WORD> *interface ethernet ethernet* [<fex>/<slot>/<port>]

Description: Show IP endpoints on an interface ethernet

Syntax:

| | |
|---|--|
| <i>type</i> | (Optional) Endpoint Type |
| <i>E.E.E EE-EE-EE-EE-EE-EE EE:EE:EE:EE:EE:EE EEEE.EEEE.EEEE</i> | (Optional) MAC address (Option 1) MAC address (Option 2) MAC address (Option 3) MAC address (Option 4) |
| <1-4094> | (Optional) Encapsulation Vlan. Number range from=1 to=4094 |
| <i>A.B.C.D</i> | (Optional) IP Unicast address in format i.i.i.i |
| <i>A:B::C:D</i> | (Optional) IPv6 address in format xxxx:xxxx, xxxx::xx |
| <i>WORD</i> | Leaf Number (Max Size 4000). Number range from=0 to=9223372036854775807 |
| <i>ethernet</i> [<fex>/<slot>/<port>] | Ethernet Range |

Command Mode: exec : Exec Mode

Command Path:

```
# show endpoints [type <type>] [mac <E.E.E EE-EE-EE-EE-EE-EE EE:EE:EE:EE:EE:EE EEEE.EEEE.EEEE >] [vlan <NUMBER>] [ip <A.B.C.D>] [ipv6 <A:B::C:D>] leaf <WORD> interface ethernet ethernet [<fex>/<slot>/<port>]
```

show endpoints leaf interface port-channel

show endpoints [*type* <type>] [*mac* <E.E.E EE-EE-EE-EE-EE-EE EE:EE:EE:EE:EE:EE EEEE.EEEE.EEEE >] [*vlan* <NUMBER>] [*ip* <A.B.C.D>] [*ipv6* <A:B::C:D>] *leaf* <WORD> *interface port-channel* <WORD> [*fex* <NUMBER>]

Description: Show IP endpoints on an interface port-channel

Syntax:

| | |
|---|--|
| <i>type</i> | (Optional) Endpoint Type |
| <i>E.E.E EE-EE-EE-EE-EE-EE EE:EE:EE:EE:EE:EE EEEE.EEEE.EEEE</i> | (Optional) MAC address (Option 1) MAC address (Option 2) MAC address (Option 3) MAC address (Option 4) |
| <1-4094> | (Optional) Encapsulation Vlan. Number range from=1 to=4094 |
| <i>A.B.C.D</i> | (Optional) IP Unicast address in format i.i.i.i |
| <i>A:B::C:D</i> | (Optional) IPv6 address in format xxxx:xxxx, xxxx::xx |
| <i>WORD</i> | Leaf Number (Max Size 4000). Number range from=0 to=9223372036854775807 |
| <i>WORD</i> | Port Channel Name (Max Size 64) |
| <101-199> | (Optional) Fex Id. Number range from=101 to=199 |

Command Mode: exec : Exec Mode

Command Path:

```
# show endpoints [type <type>] [mac <E.E.E EE-EE-EE-EE-EE-EE EE:EE:EE:EE:EE:EE EEEE.EEEE.EEEE >] [vlan <NUMBER>] [ip <A.B.C.D>] [ipv6 <A:B::C:D>] leaf <WORD> interface port-channel <WORD> [fex <NUMBER>]
```

show endpoints vpc

show endpoints [*type* <type>] [*mac* <E.E.E EE-EE-EE-EE-EE-EE EE:EE:EE:EE:EE:EE EEEE.EEEE.EEEE >] [*vlan* <NUMBER>] [*ip* <A.B.C.D>] [*ipv6* <A:B::C:D>] **vpc context** <WORD> <WORD> **interface vpc** <WORD> [*fex* <fex>]

Description: Show IP endpoints on vpc

Syntax:

| | |
|---|--|
| <i>type</i> | (Optional) Endpoint Type |
| <i>E.E.E EE-EE-EE-EE-EE-EE EE:EE:EE:EE:EE:EE EEEE.EEEE.EEEE</i> | (Optional) MAC address (Option 1) MAC address (Option 2) MAC address (Option 3) MAC address (Option 4) |
| <1-4094> | (Optional) Encapsulation Vlan. Number range from=1 to=4094 |
| <i>A.B.C.D</i> | (Optional) IP Unicast address in format i.i.i.i |
| <i>A:B::C:D</i> | (Optional) IPv6 address in format xxxx:xxxx, xxxx::xx |
| context | VPC Context |
| <i>WORD</i> | First VPC leaf (Max Size 4000). Number range from=0 to=9223372036854775807 |
| <i>WORD</i> | Second VPC leaf (Max Size 4000). Number range from=0 to=9223372036854775807 |
| interface | VPC Interface name |
| vpc | VPC Interface name |
| <i>WORD</i> | VPC Name (Max Size 64) |
| <i>fex</i> | (Optional) Fex Id. Number range from=101 to=199 |

Command Mode: exec : Exec Mode

Command Path:

```
# show endpoints [type <type>] [mac <E.E.E EE-EE-EE-EE-EE-EE EE:EE:EE:EE:EE:EE EEEE.EEEE.EEEE >] [vlan <NUMBER>] [ip <A.B.C.D>] [ipv6 <A:B::C:D>] vpc context <WORD> <WORD> interface vpc <WORD> [fex <fex>]
```


show epg

show epg WORD

Description: Show Application EPG Information

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the AEPG to filter on (Max Size 64) |
|-------------|---|

Command Mode: exec : Exec Mode

Command Path:

```
# show epg WORD
```

show epg detail

show epg **WORD** detail

Description: Show detailed view of Application EPg

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the AEPG to filter on (Max Size 64) |
|-------------|---|

Command Mode: exec : Exec Mode

Command Path:

```
# show epg WORD detail
```

show events

show events [*code* <event-code>] [*id* <event-ID>] [*cause* <event-value>] [*last-minutes* <NUMBER>] [*last-hours* <NUMBER>] [*last-days* <NUMBER>] [*start-time* start-time <YYYY-MM-DDTHR:MIN:SEC>] [*end-time* end-time <YYYY-MM-DDTHR:MIN:SEC>] [*detail*] <scope>

Description: Show event information

Syntax:

| | |
|--|--|
| <event-code> | (Optional) Event code |
| <event-ID> | (Optional) Event ID |
| <event-value> | (Optional) Cause |
| <i>last-minutes</i> <num-minutes> | (Optional) Event activity in time interval. Number range from=1 to=59 |
| <i>last-hours</i> <num-hours> | (Optional) Event activity in time interval. Number range from=1 to=23 |
| <i>last-days</i> <num-days> | (Optional) Event activity in time interval. Number range from=1 to=999 |
| <i>start-time</i> <YYYY-MM-DDTHR:MIN:SEC> | (Optional) Event activity in time interval |
| <i>end-time</i> <YYYY-MM-DDTHR:MIN:SEC> | (Optional) Event activity in time interval |
| <i>detail</i> | (Optional) Detailed event information |
| <scope> | command scope |

Command Mode: exec : Exec Mode

Command Path:

```
# show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes
<NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] <scope>
```

show events controller

show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] controller

Description: Show controller information

Command Mode: exec : Exec Mode

Command Path:

```
# show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes  
<NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>]  
[end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] controller
```

show events controller detail

show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] controller detail [id <node-id>]

Description: Detailed controller information

Syntax:

| | |
|----------------|-----------------------------------|
| <i>node-id</i> | (Optional) Optional Serial number |
|----------------|-----------------------------------|

Command Mode: exec : Exec Mode

Command Path:

```
# show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes
<NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>]
[end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] controller detail [id <node-id>]
```

show events leaf

show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] leaf <leafId>

Description: Show command for leaf

Syntax:

| | |
|----------|---------|
| <leafId> | Leaf id |
|----------|---------|

Command Mode: exec : Exec Mode

Command Path:

```
# show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes
<NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>]
[end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] leaf <leafId>
```

show events leaf fex

show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] leaf <leafId> fex <fexNum>

Description: Show extended chassis information

Syntax:

| | |
|----------|----------------------|
| <leafId> | Leaf id |
| <fexNum> | pls enter fex number |

Command Mode: exec : Exec Mode

Command Path:

```
# show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes
<NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>]
[end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] leaf <leafId> fex <fexNum>
```

show events leaf fex module

show events [**code** <event-code>] [**id** <event-ID>] [**cause** <event-value>] [**last-minutes** <NUMBER>] [**last-hours** <NUMBER>] [**last-days** <NUMBER>] [**start-time** <YYYY-MM-DDTHR:MIN:SEC>] [**end-time** <YYYY-MM-DDTHR:MIN:SEC>] [**detail**] **leaf** <leafId> **fex** <fexNum> **module** <lcSlot>

Description: Show inventory module information

Syntax:

| | |
|----------|--------------------------------|
| <leafId> | Leaf id |
| <fexNum> | pls enter fex number |
| <lcSlot> | please enter the module number |

Command Mode: exec : Exec Mode

Command Path:

```
# show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes
<NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>]
[end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] leaf <leafId> fex <fexNum> module <lcSlot>
```


show events leaf interface ethernet

```
show events [code <event-code>][id <event-ID>][cause <event-value>][last-minutes <NUMBER>][last-hours <NUMBER>][last-days <NUMBER>][start-time <YYYY-MM-DDTHR:MIN:SEC>][end-time <YYYY-MM-DDTHR:MIN:SEC>][detail] leaf <leafId> interface ethernet <phyInt>
```

Description: Ethernet IEEE 802.3z

Syntax:

| | |
|-----------------------|--|
| <i><leafId></i> | Leaf id |
| <i><phyInt></i> | <slot or chassis-number/port or slot number> |

Command Mode: exec : Exec Mode

Command Path:

```
# show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] leaf <leafId> interface ethernet <phyInt>
```

show events leaf interface fc

show events [*code* <event-code>] [*id* <event-ID>] [*cause* <event-value>] [*last-minutes* <NUMBER>] [*last-hours* <NUMBER>] [*last-days* <NUMBER>] [*start-time* <YYYY-MM-DDTHR:MIN:SEC>] [*end-time* <YYYY-MM-DDTHR:MIN:SEC>] [*detail*] leaf <leafId> interface fc <phyInt>

Description: Fibre Channel Protocol

Syntax:

| | |
|----------|--|
| <leafId> | Leaf id |
| <phyInt> | <slot or chassis-number/port or slot number> |

Command Mode: exec : Exec Mode

Command Path:

```
# show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes
<NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>]
[end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] leaf <leafId> interface fc <phyInt>
```

show events leaf interface fcportchannel

show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] leaf <leafId> interface fcportchannel <portChan>

Description: FC Port channel interface

Syntax:

| | |
|------------|-----------------------|
| <leafId> | Leaf id |
| <portChan> | <Port channel number> |

Command Mode: exec : Exec Mode

Command Path:

```
# show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes
<NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>]
[end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] leaf <leafId> interface fcportchannel <portChan>
```

show events leaf interface l3instance

show events [**code** <event-code>] [**id** <event-ID>] [**cause** <event-value>] [**last-minutes** <NUMBER>] [**last-hours** <NUMBER>] [**last-days** <NUMBER>] [**start-time** <YYYY-MM-DDTHR:MIN:SEC>] [**end-time** <YYYY-MM-DDTHR:MIN:SEC>] [**detail**] **leaf** <leafId> **interface** l3instance <l3Inst>

Description: L3 instance

Syntax:

| | |
|----------|----------------------|
| <leafId> | Leaf id |
| <l3Inst> | <L3 instance number> |

Command Mode: exec : Exec Mode

Command Path:

```
# show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes
<NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>]
[end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] leaf <leafId> interface l3instance <l3Inst>
```

show events leaf interface mgmt

```
show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] leaf <leafId> interface mgmt <mgmtPort>
```

Description: Management interface

Syntax:

| | |
|-------------------------|-------------------------------|
| <i><leafId></i> | Leaf id |
| <i><mgmtPort></i> | <Management interface number> |

Command Mode: exec : Exec Mode

Command Path:

```
# show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] leaf <leafId> interface mgmt <mgmtPort>
```

show events leaf interface portchannel

show events [**code** <event-code>] [**id** <event-ID>] [**cause** <event-value>] [**last-minutes** <NUMBER>] [**last-hours** <NUMBER>] [**last-days** <NUMBER>] [**start-time** <YYYY-MM-DDTHR:MIN:SEC>] [**end-time** <YYYY-MM-DDTHR:MIN:SEC>] [**detail**] **leaf** <leafId> **interface portchannel** <portChan>

Description: Port channel interface

Syntax:

| | |
|------------|-----------------------|
| <leafId> | Leaf id |
| <portChan> | <Port channel number> |

Command Mode: exec : Exec Mode

Command Path:

```
# show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes
<NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>]
[end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] leaf <leafId> interface portchannel <portChan>
```

show events leaf interface tunnel

```
show events [code <event-code>][id <event-ID>][cause <event-value>][last-minutes <NUMBER>][last-hours <NUMBER>][last-days <NUMBER>][start-time <YYYY-MM-DDTHR:MIN:SEC>][end-time <YYYY-MM-DDTHR:MIN:SEC>][detail] leaf <leafId> interface tunnel <tunnelPort>
```

Description: Tunnel Interface

Syntax:

| | |
|---------------------------|---------------------------|
| <i><leafId></i> | Leaf id |
| <i><tunnelPort></i> | <Tunnel interface number> |

Command Mode: exec : Exec Mode

Command Path:

```
# show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] leaf <leafId> interface tunnel <tunnelPort>
```

show events leaf interface vethernet

show events [**code** <event-code>] [**id** <event-ID>] [**cause** <event-value>] [**last-minutes** <NUMBER>] [**last-hours** <NUMBER>] [**last-days** <NUMBER>] [**start-time** <YYYY-MM-DDTHR:MIN:SEC>] [**end-time** <YYYY-MM-DDTHR:MIN:SEC>] [**detail**] **leaf** <leafId> **interface vethernet** <phyInt>

Description: vethernet ID

Syntax:

| | |
|----------|--|
| <leafId> | Leaf id |
| <phyInt> | <slot or chassis-number/port or slot number> |

Command Mode: exec : Exec Mode

Command Path:

```
# show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes
<NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>]
[end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] leaf <leafId> interface vethernet <phyInt>
```


show events leaf inventory chassis

```
show events [code <event-code>][id <event-ID>][cause <event-value>][last-minutes <NUMBER>][last-hours <NUMBER>][last-days <NUMBER>][start-time <YYYY-MM-DDTHR:MIN:SEC>][end-time <YYYY-MM-DDTHR:MIN:SEC>][detail] leaf <leafId> inventory chassis
```

Description: Show inventory chassis information

Syntax:

| | |
|-----------------------|---------|
| <i><leafId></i> | Leaf id |
|-----------------------|---------|

Command Mode: exec : Exec Mode

Command Path:

```
# show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] leaf <leafId> inventory chassis
```

show events leaf inventory fans

show events [**code** <event-code>] [**id** <event-ID>] [**cause** <event-value>] [**last-minutes** <NUMBER>] [**last-hours** <NUMBER>] [**last-days** <NUMBER>] [**start-time** <YYYY-MM-DDTHR:MIN:SEC>] [**end-time** <YYYY-MM-DDTHR:MIN:SEC>] [**detail**] **leaf** <leafId> **inventory fans** <ftSlot>

Description: Show inventory fan information

Syntax:

| | |
|----------|---------------------------|
| <leafId> | Leaf id |
| <ftSlot> | pls enter fan tray number |

Command Mode: exec : Exec Mode

Command Path:

```
# show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes
<NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>]
[end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] leaf <leafId> inventory fans <ftSlot>
```

show events leaf inventory module

show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] leaf <leafId> inventory module <lcSlot>

Description: Show inventory module information

Syntax:

| | |
|----------|--------------------------------|
| <leafId> | Leaf id |
| <lcSlot> | please enter the module number |

Command Mode: exec : Exec Mode

Command Path:

```
# show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes
<NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>]
[end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] leaf <leafId> inventory module <lcSlot>
```

show events leaf inventory module fabricport

show events [**code** <event-code>] [**id** <event-ID>] [**cause** <event-value>] [**last-minutes** <NUMBER>] [**last-hours** <NUMBER>] [**last-days** <NUMBER>] [**start-time** <YYYY-MM-DDTHR:MIN:SEC>] [**end-time** <YYYY-MM-DDTHR:MIN:SEC>] [**detail**] leaf <leafId> inventory module <lcSlot> fabricport <fabPort>

Description: Show information for fabric port

Syntax:

| | |
|-----------|----------------------------------|
| <leafId> | Leaf id |
| <lcSlot> | please enter the module number |
| <fabPort> | pls enter the fabric port number |

Command Mode: exec : Exec Mode

Command Path:

```
# show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes
<NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>]
[end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] leaf <leafId> inventory module <lcSlot> fabricport
<fabPort>
```

show events leaf inventory module leafport

show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] leaf <leafId> inventory module <lcSlot> leafport <leafPort>

Description: Show information for leaf port

Syntax:

| | |
|------------|--------------------------------|
| <leafId> | Leaf id |
| <lcSlot> | please enter the module number |
| <leafPort> | pls enter the leaf port number |

Command Mode: exec : Exec Mode

Command Path:

```
# show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes
<NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>]
[end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] leaf <leafId> inventory module <lcSlot> leafport
<leafPort>
```

show events leaf inventory powersupply

show events [**code** <event-code>] [**id** <event-ID>] [**cause** <event-value>] [**last-minutes** <NUMBER>] [**last-hours** <NUMBER>] [**last-days** <NUMBER>] [**start-time** <YYYY-MM-DDTHR:MIN:SEC>] [**end-time** <YYYY-MM-DDTHR:MIN:SEC>] [**detail**] **leaf** <leafId> **inventory powersupply** <psuSlot>

Description: Show inventory power supply information

Syntax:

| | |
|-----------|----------------------------------|
| <leafId> | Leaf id |
| <psuSlot> | pls enter the powersupply number |

Command Mode: exec : Exec Mode

Command Path:

```
# show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes
<NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>]
[end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] leaf <leafId> inventory powersupply <psuSlot>
```

show events leaf inventory supervisor

```
show events [code <event-code>][id <event-ID>][cause <event-value>][last-minutes <NUMBER>][last-hours <NUMBER>][last-days <NUMBER>][start-time <YYYY-MM-DDTHR:MIN:SEC>][end-time <YYYY-MM-DDTHR:MIN:SEC>][detail] leaf <leafId> inventory supervisor <supMod>
```

Description: Show information for supervisor module

Syntax:

| | |
|-----------------------|--|
| <i><leafId></i> | Leaf id |
| <i><supMod></i> | pls enter the supervisor module number |

Command Mode: exec : Exec Mode

Command Path:

```
# show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] leaf <leafId> inventory supervisor <supMod>
```

show events leaf protocol

show events [**code** <event-code>] [**id** <event-ID>] [**cause** <event-value>] [**last-minutes** <NUMBER>] [**last-hours** <NUMBER>] [**last-days** <NUMBER>] [**start-time** <YYYY-MM-DDTHR:MIN:SEC>] [**end-time** <YYYY-MM-DDTHR:MIN:SEC>] [**detail**] **leaf** <leafId> **protocol** <protName>

Description: Show command for protocol

Syntax:

| | |
|------------|---------------|
| <leafId> | Leaf id |
| <protName> | Protocol name |

Command Mode: exec : Exec Mode

Command Path:

```
# show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes
<NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>]
[end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] leaf <leafId> protocol <protName>
```


show events leaf vpc

show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] leaf <leafId> vpc <vpcPort>

Description: Virtual port channel information

Syntax:

| | |
|-----------|---------------------------------------|
| <leafId> | Leaf id |
| <vpcPort> | pls enter virtual port channel number |

Command Mode: exec : Exec Mode

Command Path:

```
# show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes
<NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>]
[end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] leaf <leafId> vpc <vpcPort>
```

show events leaf vrf

show events [**code** <event-code>] [**id** <event-ID>] [**cause** <event-value>] [**last-minutes** <NUMBER>] [**last-hours** <NUMBER>] [**last-days** <NUMBER>] [**start-time** <YYYY-MM-DDTHR:MIN:SEC>] [**end-time** <YYYY-MM-DDTHR:MIN:SEC>] [**detail**] **leaf** <leafId> **vrf** <vrfPort>

Description: Vrf information

Syntax:

| | |
|-----------|--------------------|
| <leafId> | Leaf id |
| <vrfPort> | pls enter vrf name |

Command Mode: exec : Exec Mode

Command Path:

```
# show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes
<NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>]
[end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] leaf <leafId> vrf <vrfPort>
```

show events spine

show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] spine <leafId>

Description: Show command for spine

Syntax:

| | |
|----------|---------|
| <leafId> | Leaf id |
|----------|---------|

Command Mode: exec : Exec Mode

Command Path:

```
# show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] spine <leafId>
```

show events spine interface ethernet

show events [**code** <event-code>] [**id** <event-ID>] [**cause** <event-value>] [**last-minutes** <NUMBER>] [**last-hours** <NUMBER>] [**last-days** <NUMBER>] [**start-time** <YYYY-MM-DDTHR:MIN:SEC>] [**end-time** <YYYY-MM-DDTHR:MIN:SEC>] [**detail**] spine <leafId> interface ethernet <phyInt>

Description: Ethernet IEEE 802.3z

Syntax:

| | |
|----------|--|
| <leafId> | Leaf id |
| <phyInt> | <slot or chassis-number/port or slot number> |

Command Mode: exec : Exec Mode

Command Path:

```
# show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes
<NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>]
[end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] spine <leafId> interface ethernet <phyInt>
```

show events spine interface l3instance

```
show events [code <event-code>][id <event-ID>][cause <event-value>][last-minutes <NUMBER>][last-hours <NUMBER>][last-days <NUMBER>][start-time <YYYY-MM-DDTHR:MIN:SEC>][end-time <YYYY-MM-DDTHR:MIN:SEC>][detail] spine <leafId> interface l3instance <l3Inst>
```

Description: L3 instance

Syntax:

| | |
|-----------------------|----------------------|
| <i><leafId></i> | Leaf id |
| <i><l3Inst></i> | <L3 instance number> |

Command Mode: exec : Exec Mode

Command Path:

```
# show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] spine <leafId> interface l3instance <l3Inst>
```

show events spine interface mgmt

show events [**code** <event-code>] [**id** <event-ID>] [**cause** <event-value>] [**last-minutes** <NUMBER>] [**last-hours** <NUMBER>] [**last-days** <NUMBER>] [**start-time** <YYYY-MM-DDTHR:MIN:SEC>] [**end-time** <YYYY-MM-DDTHR:MIN:SEC>] [**detail**] spine <leafId> interface mgmt <mgmtPort>

Description: Management interface

Syntax:

| | |
|------------|-------------------------------|
| <leafId> | Leaf id |
| <mgmtPort> | <Management interface number> |

Command Mode: exec : Exec Mode

Command Path:

```
# show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes
<NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>]
[end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] spine <leafId> interface mgmt <mgmtPort>
```

show events spine interface tunnel

```
show events [code <event-code>][id <event-ID>][cause <event-value>][last-minutes <NUMBER>][last-hours <NUMBER>][last-days <NUMBER>][start-time <YYYY-MM-DDTHR:MIN:SEC>][end-time <YYYY-MM-DDTHR:MIN:SEC>][detail] spine <leafId> interface tunnel <tunnelPort>
```

Description: Tunnel Interface

Syntax:

| | |
|---------------------------|---------------------------|
| <i><leafId></i> | Leaf id |
| <i><tunnelPort></i> | <Tunnel interface number> |

Command Mode: exec : Exec Mode

Command Path:

```
# show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] spine <leafId> interface tunnel <tunnelPort>
```

show events spine inventory chassis

show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] spine <leafId> inventory chassis

Description: Show inventory chassis information

Syntax:

| | |
|----------|---------|
| <leafId> | Leaf id |
|----------|---------|

Command Mode: exec : Exec Mode

Command Path:

```
# show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes
<NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>]
[end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] spine <leafId> inventory chassis
```


show events spine inventory fabric

show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] spine <leafId> inventory fabric <fcMod>

Description: Show information for fabric module

Syntax:

| | |
|----------|------------------------------------|
| <leafId> | Leaf id |
| <fcMod> | pls enter the fabric module number |

Command Mode: exec : Exec Mode

Command Path:

```
# show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes
<NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>]
[end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] spine <leafId> inventory fabric <fcMod>
```

show events spine inventory fans

show events [**code** <event-code>] [**id** <event-ID>] [**cause** <event-value>] [**last-minutes** <NUMBER>] [**last-hours** <NUMBER>] [**last-days** <NUMBER>] [**start-time** <YYYY-MM-DDTHR:MIN:SEC>] [**end-time** <YYYY-MM-DDTHR:MIN:SEC>] [**detail**] spine <leafId> inventory fans <ftSlot>

Description: Show inventory fan information

Syntax:

| | |
|----------|---------------------------|
| <leafId> | Leaf id |
| <ftSlot> | pls enter fan tray number |

Command Mode: exec : Exec Mode

Command Path:

```
# show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes
<NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>]
[end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] spine <leafId> inventory fans <ftSlot>
```

show events spine inventory module

show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] spine <leafId> inventory module <lcSlot>

Description: Show inventory module information

Syntax:

| | |
|----------|--------------------------------|
| <leafId> | Leaf id |
| <lcSlot> | please enter the module number |

Command Mode: exec : Exec Mode

Command Path:

```
# show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes
<NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>]
[end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] spine <leafId> inventory module <lcSlot>
```

show events spine inventory module fabricport

show events [**code** <event-code>] [**id** <event-ID>] [**cause** <event-value>] [**last-minutes** <NUMBER>] [**last-hours** <NUMBER>] [**last-days** <NUMBER>] [**start-time** <YYYY-MM-DDTHR:MIN:SEC>] [**end-time** <YYYY-MM-DDTHR:MIN:SEC>] [**detail**] spine <leafId> inventory module <lcSlot> fabricport <fabPort>

Description: Show information for fabric port

Syntax:

| | |
|-----------|----------------------------------|
| <leafId> | Leaf id |
| <lcSlot> | please enter the module number |
| <fabPort> | pls enter the fabric port number |

Command Mode: exec : Exec Mode

Command Path:

```
# show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes
<NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>]
[end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] spine <leafId> inventory module <lcSlot>
fabricport <fabPort>
```

show events spine inventory powersupply

show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] spine <leafId> inventory powersupply <psuSlot>

Description: Show inventory power supply information

Syntax:

| | |
|-----------|----------------------------------|
| <leafId> | Leaf id |
| <psuSlot> | pls enter the powersupply number |

Command Mode: exec : Exec Mode

Command Path:

```
# show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes
<NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>]
[end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] spine <leafId> inventory powersupply <psuSlot>
```

show events spine inventory supervisor

show events [**code** <event-code>] [**id** <event-ID>] [**cause** <event-value>] [**last-minutes** <NUMBER>] [**last-hours** <NUMBER>] [**last-days** <NUMBER>] [**start-time** <YYYY-MM-DDTHR:MIN:SEC>] [**end-time** <YYYY-MM-DDTHR:MIN:SEC>] [**detail**] spine <leafId> inventory supervisor <supMod>

Description: Show information for supervisor module

Syntax:

| | |
|----------|--|
| <leafId> | Leaf id |
| <supMod> | pls enter the supervisor module number |

Command Mode: exec : Exec Mode

Command Path:

```
# show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes
<NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>]
[end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] spine <leafId> inventory supervisor <supMod>
```

show events spine inventory system

show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] spine <leafId> inventory system <sysMod>

Description: Show information for system module

Syntax:

| | |
|----------|------------------------------------|
| <leafId> | Leaf id |
| <sysMod> | pls enter the system module number |

Command Mode: exec : Exec Mode

Command Path:

```
# show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes
<NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>]
[end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] spine <leafId> inventory system <sysMod>
```

show events spine protocol

show events [**code** <event-code>] [**id** <event-ID>] [**cause** <event-value>] [**last-minutes** <NUMBER>] [**last-hours** <NUMBER>] [**last-days** <NUMBER>] [**start-time** <YYYY-MM-DDTHR:MIN:SEC>] [**end-time** <YYYY-MM-DDTHR:MIN:SEC>] [**detail**] spine <leafId> protocol <protName>

Description: Show command for protocol

Syntax:

| | |
|------------|---------------|
| <leafId> | Leaf id |
| <protName> | Protocol name |

Command Mode: exec : Exec Mode

Command Path:

```
# show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes
<NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>]
[end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] spine <leafId> protocol <protName>
```


show events spine vrf

show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] spine <leafId> vrf <vrfPort>

Description: Vrf information

Syntax:

| | |
|-----------|--------------------|
| <leafId> | Leaf id |
| <vrfPort> | pls enter vrf name |

Command Mode: exec : Exec Mode

Command Path:

```
# show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes
<NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>]
[end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] spine <leafId> vrf <vrfPort>
```

show events tenant

show events [**code** <event-code>] [**id** <event-ID>] [**cause** <event-value>] [**last-minutes** <NUMBER>] [**last-hours** <NUMBER>] [**last-days** <NUMBER>] [**start-time** <YYYY-MM-DDTHR:MIN:SEC>] [**end-time** <YYYY-MM-DDTHR:MIN:SEC>] [**detail**] **tenant** **WORD**

Description: Show Tenants Information

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
|-------------|---|

Command Mode: exec : Exec Mode

Command Path:

```
# show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes  
<NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>]  
[end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD
```

show events tenant application

show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant **WORD** application **WORD**

Description: Show Application Profiles Information

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the application we eventually want to filter on (Max Size 64) |

Command Mode: exec : Exec Mode

Command Path:

```
# show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes
<NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>]
[end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD application WORD
```

show events tenant application epg

show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant **WORD** application **WORD** epg **WORD**

Description: Show Application EPG Information

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the application we eventually want to filter on (Max Size 64) |
| <i>WORD</i> | Name of the AEPG to filter on (Max Size 64) |

Command Mode: exec : Exec Mode

Command Path:

```
# show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes
<NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>]
[end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD application WORD epg WORD
```

show events tenant bridge-domain

```
show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD bridge-domain WORD
```

Description: Show Bridge-domain Information

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the bridge-domain (Max Size 64) |

Command Mode: exec : Exec Mode

Command Path:

```
# show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD bridge-domain WORD
```

show events tenant bridge-domain detail

show events [**code** <event-code>] [**id** <event-ID>] [**cause** <event-value>] [**last-minutes** <NUMBER>] [**last-hours** <NUMBER>] [**last-days** <NUMBER>] [**start-time** <YYYY-MM-DDTHR:MIN:SEC>] [**end-time** <YYYY-MM-DDTHR:MIN:SEC>] [**detail**] **tenant** *WORD* **bridge-domain** *WORD* **detail**

Description: Show Bridge-domain Detailed Information

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the bridge-domain (Max Size 64) |

Command Mode: exec : Exec Mode

Command Path:

```
# show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes
<NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>]
[end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD bridge-domain WORD detail
```

show events tenant bridge-domain first-hop-security binding-table

```
show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD bridge-domain WORD first-hop-security binding-table
```

Description: Show Bridge-domain Binding Table Information

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the bridge-domain (Max Size 64) |

Command Mode: exec : Exec Mode

Command Path:

```
# show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD bridge-domain WORD first-hop-security binding-table
```

show events tenant bridge-domain first-hop-security statistics arp

show events [**code** <event-code>] [**id** <event-ID>] [**cause** <event-value>] [**last-minutes** <NUMBER>] [**last-hours** <NUMBER>] [**last-days** <NUMBER>] [**start-time** <YYYY-MM-DDTHR:MIN:SEC>] [**end-time** <YYYY-MM-DDTHR:MIN:SEC>] [**detail**] **tenant** **WORD** **bridge-domain** **WORD** **first-hop-security** **statistics** **arp**

Description: Show Bridge-domain First Hop Security ARP Statistics

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the bridge-domain (Max Size 64) |

Command Mode: exec : Exec Mode

Command Path:

```
# show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes
<NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>]
[end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD bridge-domain WORD first-hop-security
statistics arp
```


show events tenant bridge-domain first-hop-security statistics dhcpv4

```
show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD bridge-domain WORD first-hop-security statistics dhcpv4
```

Description: Show Bridge-domain First Hop Security DHCPv4 Statistics

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the bridge-domain (Max Size 64) |

Command Mode: exec : Exec Mode

Command Path:

```
# show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD bridge-domain WORD first-hop-security statistics dhcpv4
```

show events tenant bridge-domain first-hop-security statistics dhcpv6

```
show events [code <event-code>][id <event-ID>][cause <event-value>][last-minutes <NUMBER>][last-hours <NUMBER>][last-days <NUMBER>][start-time <YYYY-MM-DDTHR:MIN:SEC>][end-time <YYYY-MM-DDTHR:MIN:SEC>][detail] tenant WORD bridge-domain WORD first-hop-security statistics dhcpv6
```

Description: Show Bridge-domain First Hop Security DHCPv6 Statistics

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the bridge-domain (Max Size 64) |

Command Mode: exec : Exec Mode

Command Path:

```
# show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD bridge-domain WORD first-hop-security statistics dhcpv6
```

show events tenant bridge-domain first-hop-security statistics neighbor-discovery

```
show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD bridge-domain WORD first-hop-security statistics neighbor-discovery
```

Description: Show Bridge-domain First Hop Security Neighbor Discovery Statistics

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the bridge-domain (Max Size 64) |

Command Mode: exec : Exec Mode

Command Path:

```
# show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD bridge-domain WORD first-hop-security statistics neighbor-discovery
```

show events tenant dnsservergroup

show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant **WORD** dnsservergroup **WORD**

Description: Show Dns Server Group Information

Syntax:

| | |
|-------------|--|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the dns server group we eventually want to filter on (Max Size 16) |

Command Mode: exec : Exec Mode

Command Path:

```
# show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes
<NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>]
[end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD dnsservergroup WORD
```

show events tenant dnsservergroup server

show events [code <event-code>][id <event-ID>][cause <event-value>][last-minutes <NUMBER>][last-hours <NUMBER>][last-days <NUMBER>][start-time <YYYY-MM-DDTHR:MIN:SEC>][end-time <YYYY-MM-DDTHR:MIN:SEC>][detail] tenant **WORD** dnsservergroup **WORD** server **WORD**

Description: Show Dns Server Information

Syntax:

| | |
|-------------|--|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the dns server group we eventually want to filter on (Max Size 16) |
| <i>WORD</i> | IP of server we eventually want to filter on (Max Size None) |

Command Mode: exec : Exec Mode

Command Path:

```
# show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes
<NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>]
[end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD dnsservergroup WORD server WORD
```

show events tenant dnsservergroup server domain

show events [**code** <event-code>] [**id** <event-ID>] [**cause** <event-value>] [**last-minutes** <NUMBER>] [**last-hours** <NUMBER>] [**last-days** <NUMBER>] [**start-time** <YYYY-MM-DDTHR:MIN:SEC>] [**end-time** <YYYY-MM-DDTHR:MIN:SEC>] [**detail**] **tenant** **WORD** **dnsservergroup** **WORD** **server** **WORD** **domain** **WORD**

Description: Show Dns Domain Information

Syntax:

| | |
|-------------|--|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the dns server group we eventually want to filter on (Max Size 16) |
| <i>WORD</i> | IP of server we eventually want to filter on (Max Size None) |
| <i>WORD</i> | Domain we eventually want to filter on (Max Size 512) |

Command Mode: exec : Exec Mode

Command Path:

```
# show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes
<NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>]
[end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD dnsservergroup WORD server WORD
domain WORD
```

show events tenant endpoints

```
show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD endpoints [type <type>] [mac <E.E.E EE-EE-EE-EE-EE-EE EE:EE:EE:EE:EE:EE EEEE.EEEE.EEEE >] [vlan <NUMBER>] [ip <A.B.C.D>] [ipv6 <A:B::C:D>]
```

Description: Show IP endpoints

Syntax:

| | |
|---|--|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>type</i> | (Optional) Endpoint Type |
| <i>E.E.E EE-EE-EE-EE-EE-EE EE:EE:EE:EE:EE:EE EEEE.EEEE.EEEE</i> | (Optional) MAC address (Option 1) MAC address (Option 2) MAC address (Option 3) MAC address (Option 4) |
| <i><1-4094></i> | (Optional) Encapsulation Vlan. Number range from=1 to=4094 |
| <i>A.B.C.D</i> | (Optional) IP Unicast address in format i.i.i.i |
| <i>A:B::C:D</i> | (Optional) IPv6 address in format xxxx:xxxx, xxxx::xx |

Command Mode: exec : Exec Mode

Command Path:

```
# show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD endpoints [type <type>] [mac <E.E.E EE-EE-EE-EE-EE-EE EE:EE:EE:EE:EE:EE EEEE.EEEE.EEEE >] [vlan <NUMBER>] [ip <A.B.C.D>] [ipv6 <A:B::C:D>]
```

show events tenant endpoints leaf interface ethernet

```
show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD endpoints [type <type>] [mac <E.E.E EE-EE-EE-EE-EE-EE EE:EE:EE:EE:EE:EE EEEE.EEEE.EEEE >] [vlan <NUMBER>] [ip <A.B.C.D>] [ipv6 <A:B::C:D>] leaf <WORD> interface ethernet ethernet [<fex>/<slot>/<port>]
```

Description: Show IP endpoints on an interface ethernet

Syntax:

| | |
|---|--|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>type</i> | (Optional) Endpoint Type |
| <i>E.E.E EE-EE-EE-EE-EE-EE EE:EE:EE:EE:EE:EE EEEE.EEEE.EEEE</i> | (Optional) MAC address (Option 1) MAC address (Option 2) MAC address (Option 3) MAC address (Option 4) |
| <i><1-4094></i> | (Optional) Encapsulation Vlan. Number range from=1 to=4094 |
| <i>A.B.C.D</i> | (Optional) IP Unicast address in format i.i.i.i |
| <i>A:B::C:D</i> | (Optional) IPv6 address in format xxxx:xxxx, xxxx::xx |
| <i>WORD</i> | Leaf Number (Max Size 4000). Number range from=0 to=9223372036854775807 |
| <i>ethernet [<fex>/<slot>/<port>]</i> | Ethernet Range |

Command Mode: exec : Exec Mode

Command Path:

```
# show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD endpoints [type <type>] [mac <E.E.E EE-EE-EE-EE-EE-EE EE:EE:EE:EE:EE:EE EEEE.EEEE.EEEE >] [vlan <NUMBER>] [ip <A.B.C.D>] [ipv6 <A:B::C:D>] leaf <WORD> interface ethernet ethernet [<fex>/<slot>/<port>]
```


show events tenant endpoints leaf interface port-channel

```
show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD endpoints [type <type>] [mac <E.E.E EE-EE-EE-EE-EE-EE EE:EE:EE:EE:EE:EE EEEE.EEEE.EEEE >] [vlan <NUMBER>] [ip <A.B.C.D>] [ipv6 <A:B::C:D>] leaf <WORD> interface port-channel <WORD> [fex <NUMBER>]
```

Description: Show IP endpoints on an interface port-channel

Syntax:

| | |
|---|--|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>type</i> | (Optional) Endpoint Type |
| <i>E.E.E EE-EE-EE-EE-EE-EE EE:EE:EE:EE:EE:EE EEEE.EEEE.EEEE</i> | (Optional) MAC address (Option 1) MAC address (Option 2) MAC address (Option 3) MAC address (Option 4) |
| <i><1-4094></i> | (Optional) Encapsulation Vlan. Number range from=1 to=4094 |
| <i>A.B.C.D</i> | (Optional) IP Unicast address in format i.i.i.i |
| <i>A:B::C:D</i> | (Optional) IPv6 address in format xxxx:xxxx, xxxx::xx |
| <i>WORD</i> | Leaf Number (Max Size 4000). Number range from=0 to=9223372036854775807 |
| <i>WORD</i> | Port Channel Name (Max Size 64) |
| <i><101-199></i> | (Optional) Fex Id. Number range from=101 to=199 |

Command Mode: exec : Exec Mode

Command Path:

```
# show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD endpoints [type <type>] [mac <E.E.E EE-EE-EE-EE-EE-EE EE:EE:EE:EE:EE:EE EEEE.EEEE.EEEE >] [vlan <NUMBER>] [ip <A.B.C.D>] [ipv6 <A:B::C:D>] leaf <WORD> interface port-channel <WORD> [fex <NUMBER>]
```

show events tenant endpoints vpc

```
show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD endpoints [type <type>] [mac <E.E.E EE-EE-EE-EE-EE-EE EE:EE:EE:EE:EE:EE EEEE.EEEE.EEEE >] [vlan <NUMBER>] [ip <A.B.C.D>] [ipv6 <A:B::C:D>] vpc context <WORD> <WORD> interface vpc <WORD> [fex <fex>]
```

Description: Show IP endpoints on vpc

Syntax:

| | |
|---|--|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>type</i> | (Optional) Endpoint Type |
| <i>E.E.E EE-EE-EE-EE-EE-EE EE:EE:EE:EE:EE:EE EEEE.EEEE.EEEE</i> | (Optional) MAC address (Option 1) MAC address (Option 2) MAC address (Option 3) MAC address (Option 4) |
| <i><1-4094></i> | (Optional) Encapsulation Vlan. Number range from=1 to=4094 |
| <i>A.B.C.D</i> | (Optional) IP Unicast address in format i.i.i.i |
| <i>A:B::C:D</i> | (Optional) IPv6 address in format xxxx:xxxx, xxxx::xx |
| context | VPC Context |
| <i>WORD</i> | First VPC leaf (Max Size 4000). Number range from=0 to=9223372036854775807 |
| <i>WORD</i> | Second VPC leaf (Max Size 4000). Number range from=0 to=9223372036854775807 |
| interface | VPC Interface name |
| vpc | VPC Interface name |
| <i>WORD</i> | VPC Name (Max Size 64) |
| <i>fex</i> | (Optional) Fex Id. Number range from=101 to=199 |

Command Mode: exec : Exec Mode

Command Path:

```
# show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD endpoints [type <type>] [mac <E.E.E EE-EE-EE-EE-EE-EE EE:EE:EE:EE:EE:EE EEEE.EEEE.EEEE >] [vlan <NUMBER>] [ip <A.B.C.D>] [ipv6 <A:B::C:D>] vpc context <WORD> <WORD> interface vpc <WORD> [fex <fex>]
```

show events tenant interface bridge-domain

```
show events [code <event-code>][id <event-ID>][cause <event-value>][last-minutes <NUMBER>][last-hours <NUMBER>][last-days <NUMBER>][start-time <YYYY-MM-DDTHR:MIN:SEC>][end-time <YYYY-MM-DDTHR:MIN:SEC>][detail] tenant WORD interface bridge-domain WORD
```

Description: Show Bridge-domain Information

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the bridge-domain (Max Size 64) |

Command Mode: exec : Exec Mode

Command Path:

```
# show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD interface bridge-domain WORD
```

show events tenant interface bridge-domain detail

show events [**code** <event-code>] [**id** <event-ID>] [**cause** <event-value>] [**last-minutes** <NUMBER>] [**last-hours** <NUMBER>] [**last-days** <NUMBER>] [**start-time** <YYYY-MM-DDTHR:MIN:SEC>] [**end-time** <YYYY-MM-DDTHR:MIN:SEC>] [**detail**] **tenant** **WORD** **interface** **bridge-domain** **WORD** **detail**

Description: Show Bridge-domain Detailed Information

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the bridge-domain (Max Size 64) |

Command Mode: exec : Exec Mode

Command Path:

```
# show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes
<NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>]
[end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD interface bridge-domain WORD detail
```

show events tenant interface bridge-domain first-hop-security binding-table

show events [*code* <event-code>] [*id* <event-ID>] [*cause* <event-value>] [*last-minutes* <NUMBER>] [*last-hours* <NUMBER>] [*last-days* <NUMBER>] [*start-time* <YYYY-MM-DDTHR:MIN:SEC>] [*end-time* <YYYY-MM-DDTHR:MIN:SEC>] [*detail*] tenant *WORD* interface bridge-domain *WORD* first-hop-security binding-table

Description: Show Bridge-domain Binding Table Information

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the bridge-domain (Max Size 64) |

Command Mode: exec : Exec Mode

Command Path:

```
# show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes
<NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>]
[end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD interface bridge-domain WORD
first-hop-security binding-table
```

show events tenant interface bridge-domain first-hop-security statistics arp

show events [**code** <event-code>] [**id** <event-ID>] [**cause** <event-value>] [**last-minutes** <NUMBER>] [**last-hours** <NUMBER>] [**last-days** <NUMBER>] [**start-time** <YYYY-MM-DDTHR:MIN:SEC>] [**end-time** <YYYY-MM-DDTHR:MIN:SEC>] [**detail**] **tenant** **WORD** **interface** **bridge-domain** **WORD** **first-hop-security** **statistics** **arp**

Description: Show Bridge-domain First Hop Security ARP Statistics

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the bridge-domain (Max Size 64) |

Command Mode: exec : Exec Mode

Command Path:

```
# show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes
<NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>]
[end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD interface bridge-domain WORD
first-hop-security statistics arp
```

show events tenant interface bridge-domain first-hop-security statistics dhcpv4

```
show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD interface bridge-domain WORD first-hop-security statistics dhcpv4
```

Description: Show Bridge-domain First Hop Security DHCPv4 Statistics

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the bridge-domain (Max Size 64) |

Command Mode: exec : Exec Mode

Command Path:

```
# show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD interface bridge-domain WORD first-hop-security statistics dhcpv4
```

show events tenant interface bridge-domain first-hop-security statistics dhcpv6

show events [**code** <event-code>] [**id** <event-ID>] [**cause** <event-value>] [**last-minutes** <NUMBER>] [**last-hours** <NUMBER>] [**last-days** <NUMBER>] [**start-time** <YYYY-MM-DDTHR:MIN:SEC>] [**end-time** <YYYY-MM-DDTHR:MIN:SEC>] [**detail**] **tenant** **WORD** **interface** **bridge-domain** **WORD** **first-hop-security** **statistics** **dhcpv6**

Description: Show Bridge-domain First Hop Security DHCPv6 Statistics

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the bridge-domain (Max Size 64) |

Command Mode: exec : Exec Mode

Command Path:

```
# show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes
<NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>]
[end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD interface bridge-domain WORD
first-hop-security statistics dhcpv6
```


show events tenant interface bridge-domain first-hop-security statistics neighbor-discovery

```
show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD interface bridge-domain WORD first-hop-security statistics neighbor-discovery
```

Description: Show Bridge-domain First Hop Security Neighbor Discovery Statistics

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the bridge-domain (Max Size 64) |

Command Mode: exec : Exec Mode

Command Path:

```
# show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD interface bridge-domain WORD first-hop-security statistics neighbor-discovery
```

show events tenant multicast-route-maps

show events [*code* <event-code>] [*id* <event-ID>] [*cause* <event-value>] [*last-minutes* <NUMBER>] [*last-hours* <NUMBER>] [*last-days* <NUMBER>] [*start-time* <YYYY-MM-DDTHR:MIN:SEC>] [*end-time* <YYYY-MM-DDTHR:MIN:SEC>] [*detail*] tenant **WORD** multicast-route-maps

Description: Show multicast route-maps per Tenant

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
|-------------|---|

Command Mode: exec : Exec Mode

Command Path:

```
# show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes
<NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>]
[end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD multicast-route-maps
```

show events tenant vrf

show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant **WORD** vrf **WORD**

Description: Show VRF Information

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the VRF to filter on (Max Size 64) |

Command Mode: exec : Exec Mode

Command Path:

```
# show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD vrf WORD
```

show events tenant vrf acllog l2

show events [*code* <event-code>] [*id* <event-ID>] [*cause* <event-value>] [*last-minutes* <NUMBER>] [*last-hours* <NUMBER>] [*last-days* <NUMBER>] [*start-time* <YYYY-MM-DDTHR:MIN:SEC>] [*end-time* <YYYY-MM-DDTHR:MIN:SEC>] [*detail*] tenant *WORD* vrf *WORD* acllog <permitDrop> l2 flow vlan <NUMBER> srcintf <srcintf>

Description: L2 flow stats

Syntax:

| | |
|--------------------|--|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the VRF to filter on (Max Size 64) |
| <i>permitDrop</i> | permitDrop |
| flow | flowi stats |
| vlan | vlan info |
| < <i>vlan</i> > | <vlan>. Number range from=0 to=9223372036854775807 |
| srcintf | source interface |
| < <i>srcintf</i> > | <srcintf> |

Command Mode: exec : Exec Mode

Command Path:

```
# show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes
<NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>]
[end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD vrf WORD acllog <permitDrop> l2
flow vlan <NUMBER> srcintf <srcintf>
```

show events tenant vrf acllog l3

```
show events [code <event-code>][id <event-ID>][cause <event-value>][last-minutes <NUMBER>][last-hours <NUMBER>][last-days <NUMBER>][start-time <YYYY-MM-DDTHR:MIN:SEC>][end-time <YYYY-MM-DDTHR:MIN:SEC>][detail] tenant WORD vrf WORD acllog <permitDrop> l3 flow srcpctag <srcpctag> dstpctag <dstpctag> srcepname <srcepname> dstepname <dstepname> srcip <A.B.C.D or A:B::C:D> dstip <A.B.C.D or A:B::C:D> proto <proto> srcport <srcport> dstport <dstport> srcintf <srcintf>
```

Description: L3 flow stats

Syntax:

| | |
|----------------------------|--|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the VRF to filter on (Max Size 64) |
| <i>permitDrop</i> | permitDrop |
| flow | flow stats |
| srcpctag | source pc tag |
| <srcpctag> | <srcpctag> |
| dstpctag | destination pc tag |
| <dstpctag> | <dstpctag> |
| srcepname | source epg name |
| <srcepname> | <srcepname> |
| dstepname | destination epg name |
| <dstepname> | <dstepname> |
| srcip | source ip |
| <i>A.B.C.D or A:B::C:D</i> | IP address in format i.i.i.i or IPv6 address in format xxxx:xxxx, xxxx::xx |
| dstip | destination ip |
| <i>A.B.C.D or A:B::C:D</i> | IP address in format i.i.i.i or IPv6 address in format xxxx:xxxx, xxxx::xx |
| proto | protocol |
| <proto> | <proto> |
| srcport | source port |
| <srcport> | <srcport> |
| dstport | destination port |

| | |
|------------------------|------------------------|
| <i><dstport></i> | <i><dstport></i> |
| srcintf | source interface |
| <i><srcintf></i> | <i><srcintf></i> |

Command Mode: exec : Exec Mode

Command Path:

```
# show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes
<NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>]
[end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD vrf WORD acllog <permitDrop> l3
flow srcpctag <srcpctag> dstpctag <dstpctag> srcepname <srcepname> dstepname <dstepname>
srcip <A.B.C.D or A:B::C:D> dstip <A.B.C.D or A:B::C:D> proto <proto> srcport <srcport>
dstport <dstport> srcintf <srcintf>
```

show events tenant vrf detail

show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant **WORD** vrf **WORD** detail

Description: Show detailed view of VRF

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the VRF to filter on (Max Size 64) |

Command Mode: exec : Exec Mode

Command Path:

```
# show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD vrf WORD detail
```

show events tenant vrf external-l3 bgp

show events [**code** <event-code>] [**id** <event-ID>] [**cause** <event-value>] [**last-minutes** <NUMBER>] [**last-hours** <NUMBER>] [**last-days** <NUMBER>] [**start-time** <YYYY-MM-DDTHR:MIN:SEC>] [**end-time** <YYYY-MM-DDTHR:MIN:SEC>] [**detail**] **tenant** **WORD** **vrf** **WORD** **external-l3** **bgp**

Description: Show command for BGP peers

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the VRF to filter on (Max Size 64) |

Command Mode: exec : Exec Mode

Command Path:

```
# show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes
<NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>]
[end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD vrf WORD external-l3 bgp
```


show events tenant vrf external-l3 bgp node

```
show events [code <event-code>][id <event-ID>][cause <event-value>][last-minutes <NUMBER>][last-hours <NUMBER>][last-days <NUMBER>][start-time <YYYY-MM-DDTHR:MIN:SEC>][end-time <YYYY-MM-DDTHR:MIN:SEC>][detail] tenant WORD vrf WORD external-l3 bgp node <101-4000>
```

Description: node to filter on

Syntax:

| | |
|-------------------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the VRF to filter on (Max Size 64) |
| <i><101-4000></i> | Leaf Range or Leaf Name List |

Command Mode: exec : Exec Mode

Command Path:

```
# show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD vrf WORD external-l3 bgp node <101-4000>
```

show events tenant vrf external-l3 eigrp

show events [**code** <event-code>] [**id** <event-ID>] [**cause** <event-value>] [**last-minutes** <NUMBER>] [**last-hours** <NUMBER>] [**last-days** <NUMBER>] [**start-time** <YYYY-MM-DDTHR:MIN:SEC>] [**end-time** <YYYY-MM-DDTHR:MIN:SEC>] [**detail**] **tenant** **WORD** **vrf** **WORD** **external-l3 eigrp**

Description: Show external l3 EIGRP

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the VRF to filter on (Max Size 64) |

Command Mode: exec : Exec Mode

Command Path:

```
# show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes
<NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>]
[end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD vrf WORD external-l3 eigrp
```

show events tenant vrf external-l3 eigrp detail

```
show events [code <event-code>][id <event-ID>][cause <event-value>][last-minutes <NUMBER>][last-hours <NUMBER>][last-days <NUMBER>][start-time <YYYY-MM-DDTHR:MIN:SEC>][end-time <YYYY-MM-DDTHR:MIN:SEC>][detail] tenant WORD vrf WORD external-l3 eigrp detail
```

Description: Show interanl details

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the VRF to filter on (Max Size 64) |

Command Mode: exec : Exec Mode

Command Path:

```
# show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD vrf WORD external-l3 eigrp detail
```

show events tenant vrf external-l3 epg

show events [**code** <event-code>] [**id** <event-ID>] [**cause** <event-value>] [**last-minutes** <NUMBER>] [**last-hours** <NUMBER>] [**last-days** <NUMBER>] [**start-time** <YYYY-MM-DDTHR:MIN:SEC>] [**end-time** <YYYY-MM-DDTHR:MIN:SEC>] [**detail**] **tenant** **WORD** **vrf** **WORD** **external-l3** **epg** <epgName>

Description: Show command for external-l3 epgs

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the VRF to filter on (Max Size 64) |
| <epgName> | Name of the EPG to filter on |

Command Mode: exec : Exec Mode

Command Path:

```
# show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes
<NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>]
[end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD vrf WORD external-l3 epg <epgName>
```

show events tenant vrf external-l3 epg detail

show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant **WORD** vrf **WORD** external-l3 epg <epgName> detail

Description: external-l3 epg in detail with operational status

Syntax:

| | |
|------------------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the VRF to filter on (Max Size 64) |
| <i><epgName></i> | Name of the EPG to filter on |

Command Mode: exec : Exec Mode

Command Path:

```
# show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes
<NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>]
[end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD vrf WORD external-l3 epg <epgName>
detail
```

show events tenant vrf external-l3 epg name

```
show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD vrf WORD external-l3 epg <epgName> name <epgName>
```

Description: EPG name to filter on

Syntax:

| | |
|------------------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the VRF to filter on (Max Size 64) |
| <i><epgName></i> | Name of the EPG to filter on |
| <i><epgName></i> | Name of the EPG to filter on |

Command Mode: exec : Exec Mode

Command Path:

```
# show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD vrf WORD external-l3 epg <epgName> name <epgName>
```

show events tenant vrf external-l3 epg name detail

```
show events [code <event-code>][id <event-ID>][cause <event-value>][last-minutes <NUMBER>][last-hours
<NUMBER>][last-days <NUMBER>][start-time <YYYY-MM-DDTHR:MIN:SEC>][end-time
<YYYY-MM-DDTHR:MIN:SEC>][detail] tenant WORD vrf WORD external-l3 epg <epgName> name <epgName>
detail
```

Description: external-l3 epg in detail with operational status

Syntax:

| | |
|------------------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the VRF to filter on (Max Size 64) |
| <i><epgName></i> | Name of the EPG to filter on |
| <i><epgName></i> | Name of the EPG to filter on |

Command Mode: exec : Exec Mode

Command Path:

```
# show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes
<NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>]
[end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD vrf WORD external-l3 epg <epgName>
name <epgName> detail
```

show events tenant vrf external-l3 interfaces

show events [**code** <event-code>] [**id** <event-ID>] [**cause** <event-value>] [**last-minutes** <NUMBER>] [**last-hours** <NUMBER>] [**last-days** <NUMBER>] [**start-time** <YYYY-MM-DDTHR:MIN:SEC>] [**end-time** <YYYY-MM-DDTHR:MIN:SEC>] [**detail**] **tenant** **WORD** **vrf** **WORD** **external-l3** **interfaces**

Description: Show tenant <tenant> vrf <vrf> external l3 interfaces

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the VRF to filter on (Max Size 64) |

Command Mode: exec : Exec Mode

Command Path:

```
# show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes
<NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>]
[end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD vrf WORD external-l3 interfaces
```


show events tenant vrf external-l3 interfaces detail

show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant **WORD** vrf **WORD** external-l3 interfaces detail

Description: Show interfaces details

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the VRF to filter on (Max Size 64) |

Command Mode: exec : Exec Mode

Command Path:

```
# show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes
<NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>]
[end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD vrf WORD external-l3 interfaces
detail
```

show events tenant vrf external-l3 ospf

show events [**code** <event-code>] [**id** <event-ID>] [**cause** <event-value>] [**last-minutes** <NUMBER>] [**last-hours** <NUMBER>] [**last-days** <NUMBER>] [**start-time** <YYYY-MM-DDTHR:MIN:SEC>] [**end-time** <YYYY-MM-DDTHR:MIN:SEC>] [**detail**] **tenant** **WORD** **vrf** **WORD** **external-l3 ospf**

Description: Show command for IPv4 and IPv6 external l3 OSPF configuration

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the VRF to filter on (Max Size 64) |

Command Mode: exec : Exec Mode

Command Path:

```
# show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes
<NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>]
[end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD vrf WORD external-l3 ospf
```

show events tenant vrf external-l3 ospf detail

show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant **WORD** vrf **WORD** external-l3 ospf detail

Description: Show internal details

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the VRF to filter on (Max Size 64) |

Command Mode: exec : Exec Mode

Command Path:

```
# show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes
<NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>]
[end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD vrf WORD external-l3 ospf detail
```

show events tenant vrf external-l3 route-map

show events [*code* <event-code>] [*id* <event-ID>] [*cause* <event-value>] [*last-minutes* <NUMBER>] [*last-hours* <NUMBER>] [*last-days* <NUMBER>] [*start-time* <YYYY-MM-DDTHR:MIN:SEC>] [*end-time* <YYYY-MM-DDTHR:MIN:SEC>] [*detail*] **tenant** *WORD* **vrf** *WORD* **external-l3 route-map** [*name* <l3out name>]

Description: Show command for external-l3 route-map

Syntax:

| | |
|--------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the VRF to filter on (Max Size 64) |
| <l3out name> | (Optional) Name of the route-map to filter on |

Command Mode: exec : Exec Mode

Command Path:

```
# show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes
<NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>]
[end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD vrf WORD external-l3 route-map [name
<l3out name>]
```

show events tenant vrf external-l3 route-map detail

```
show events [code <event-code>][id <event-ID>][cause <event-value>][last-minutes <NUMBER>][last-hours <NUMBER>][last-days <NUMBER>][start-time <YYYY-MM-DDTHR:MIN:SEC>][end-time <YYYY-MM-DDTHR:MIN:SEC>][detail] tenant WORD vrf WORD external-l3 route-map [name <l3out name>] detail
```

Description: Show external-l3 route-map in detail with operational status

Syntax:

| | |
|---------------------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the VRF to filter on (Max Size 64) |
| <i><l3out name></i> | (Optional) Name of the route-map to filter on |

Command Mode: exec : Exec Mode

Command Path:

```
# show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD vrf WORD external-l3 route-map [name <l3out name>] detail
```

show events tenant vrf external-l3 scale

show events [**code** <event-code>] [**id** <event-ID>] [**cause** <event-value>] [**last-minutes** <NUMBER>] [**last-hours** <NUMBER>] [**last-days** <NUMBER>] [**start-time** <YYYY-MM-DDTHR:MIN:SEC>] [**end-time** <YYYY-MM-DDTHR:MIN:SEC>] [**detail**] **tenant** WORD **vrf** WORD **external-l3** **scale**

Description: scale command

Syntax:

| | |
|------|---|
| WORD | Name of the tenant to filter on (Max Size 63) |
| WORD | Name of the VRF to filter on (Max Size 64) |

Command Mode: exec : Exec Mode

Command Path:

```
# show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes
<NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>]
[end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD vrf WORD external-l3 scale
```

show events tenant vrf external-l3 scale detail

show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant **WORD** vrf **WORD** external-l3 scale detail

Description: Show scale details

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the VRF to filter on (Max Size 64) |

Command Mode: exec : Exec Mode

Command Path:

```
# show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD vrf WORD external-l3 scale detail
```

show events tenant vrf external-l3 static-route

show events [**code** <event-code>] [**id** <event-ID>] [**cause** <event-value>] [**last-minutes** <NUMBER>] [**last-hours** <NUMBER>] [**last-days** <NUMBER>] [**start-time** <YYYY-MM-DDTHR:MIN:SEC>] [**end-time** <YYYY-MM-DDTHR:MIN:SEC>] [**detail**] **tenant** **WORD** **vrf** **WORD** **external-l3** **static-route**

Description: Show command for external-l3 static routes

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the VRF to filter on (Max Size 64) |

Command Mode: exec : Exec Mode

Command Path:

```
# show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes
<NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>]
[end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD vrf WORD external-l3 static-route
```


show events tenant vrf external-l3 static-route detail

show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant **WORD** vrf **WORD** external-l3 static-route detail

Description: static-route in detail with operational status

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the VRF to filter on (Max Size 64) |

Command Mode: exec : Exec Mode

Command Path:

```
# show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes
<NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>]
[end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD vrf WORD external-l3 static-route
detail
```

show events tenant vrf external-l3 static-route node

show events [*code* <event-code>] [*id* <event-ID>] [*cause* <event-value>] [*last-minutes* <NUMBER>] [*last-hours* <NUMBER>] [*last-days* <NUMBER>] [*start-time* <YYYY-MM-DDTHR:MIN:SEC>] [*end-time* <YYYY-MM-DDTHR:MIN:SEC>] [*detail*] **tenant** *WORD* **vrf** *WORD* **external-l3 static-route node**

Description: node to filter on

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the VRF to filter on (Max Size 64) |
| <i>arg</i> | Leaf Range or Leaf Name List |

Command Mode: exec : Exec Mode

Command Path:

```
# show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes
<NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>]
[end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD vrf WORD external-l3 static-route
node
```

show events tenant vrf external-l3 static-route node detail

```
show events [code <event-code>][id <event-ID>][cause <event-value>][last-minutes <NUMBER>][last-hours
<NUMBER>][last-days <NUMBER>][start-time <YYYY-MM-DDTHR:MIN:SEC>][end-time
<YYYY-MM-DDTHR:MIN:SEC>][detail] tenant WORD vrf WORD external-l3 static-route node detail
```

Description: static-route in detail with operational status

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the VRF to filter on (Max Size 64) |
| <i>arg</i> | Leaf Range or Leaf Name List |

Command Mode: exec : Exec Mode

Command Path:

```
# show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes
<NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>]
[end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD vrf WORD external-l3 static-route
node detail
```

show events tenant vrf multicast

show events [**code** <event-code>] [**id** <event-ID>] [**cause** <event-value>] [**last-minutes** <NUMBER>] [**last-hours** <NUMBER>] [**last-days** <NUMBER>] [**start-time** <YYYY-MM-DDTHR:MIN:SEC>] [**end-time** <YYYY-MM-DDTHR:MIN:SEC>] [**detail**] **tenant** **WORD** **vrf** **WORD** **multicast**

Description: Show multicast configuration per VRF

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the VRF to filter on (Max Size 64) |

Command Mode: exec : Exec Mode

Command Path:

```
# show events [code <event-code>] [id <event-ID>] [cause <event-value>] [last-minutes
<NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>]
[end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD vrf WORD multicast
```

show external-l2 epg

show external-l2 epg

Description: Show command for external-l2 epgs

Command Mode: exec : Exec Mode

Command Path:

```
# show external-l2 epg
```

show external-l2 epg name

show external-l2 epg name WORD

Description: EPG name to filter on

Syntax:

| | |
|-------------|--|
| <i>WORD</i> | Name of the EPG to filter on (Max Size 64) |
|-------------|--|

Command Mode: exec : Exec Mode

Command Path:

```
# show external-l2 epg name WORD
```

show external-l2 epg tenant

show external-l2 epg tenant WORD

Description: tenant to filter on

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
|-------------|---|

Command Mode: exec : Exec Mode

Command Path:

```
# show external-l2 epg tenant WORD
```

show external-l3 bgp

show external-l3 bgp

Description: Show command for BGP peers

Command Mode: exec : Exec Mode

Command Path:

```
# show external-l3 bgp
```


show external-l3 bgp tenant

show external-l3 bgp tenant <WORD>

Description: tenant to filter on

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
|-------------|---|

Command Mode: exec : Exec Mode

Command Path:

```
# show external-l3 bgp tenant <WORD>
```

show external-l3 bgp tenant vrf

show external-l3 bgp tenant <WORD> vrf WORD

Description: vrf to filter on

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the VRF to filter on (Max Size 64) |

Command Mode: exec : Exec Mode

Command Path:

```
# show external-l3 bgp tenant <WORD> vrf WORD
```

show external-l3 bgp tenant vrf node

show external-l3 bgp tenant <WORD> vrf WORD node <101-4000>

Description: node to filter on

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the VRF to filter on (Max Size 64) |
| <101-4000> | Leaf Range or Leaf Name List |

Command Mode: exec : Exec Mode

Command Path:

```
# show external-l3 bgp tenant <WORD> vrf WORD node <101-4000>
```

show external-l3 eigrp

show external-l3 eigrp

Description: Show command for external-l3 eigrp

Command Mode: exec : Exec Mode

Command Path:

```
# show external-l3 eigrp
```

show external-l3 eigrp detail

show external-l3 eigrp detail

Description: Show interanl details

Command Mode: exec : Exec Mode

Command Path:

```
# show external-l3 eigrp detail
```

show external-l3 eigrp node

show external-l3 eigrp node <101-4000>

Description: Node(s) to filter on

Syntax:

| | |
|-------------------------|------------------------------|
| <i><101-4000></i> | Node Range or Node Name List |
|-------------------------|------------------------------|

Command Mode: exec : Exec Mode

Command Path:

```
# show external-l3 eigrp node <101-4000>
```

show external-l3 eigrp node detail

show external-l3 eigrp node <101-4000> detail

Description: Show interanl details

Syntax:

| | |
|-------------------------|------------------------------|
| <i><101-4000></i> | Node Range or Node Name List |
|-------------------------|------------------------------|

Command Mode: exec : Exec Mode

Command Path:

```
# show external-l3 eigrp node <101-4000> detail
```

show external-l3 eigrp tenant

show external-l3 eigrp tenant <WORD>

Description: Tenant(s) to filter on

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
|-------------|---|

Command Mode: exec : Exec Mode

Command Path:

```
# show external-l3 eigrp tenant <WORD>
```


show external-l3 eigrp tenant detail

show external-l3 eigrp tenant <WORD> detail

Description: Show interanl details

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
|-------------|---|

Command Mode: exec : Exec Mode

Command Path:

```
# show external-l3 eigrp tenant <WORD> detail
```

show external-l3 eigrp tenant vrf

show external-l3 eigrp tenant <WORD> vrf WORD

Description: Vrf(s) to filter on

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the VRF(s) to filter on (Max Size 64) |

Command Mode: exec : Exec Mode

Command Path:

```
# show external-l3 eigrp tenant <WORD> vrf WORD
```

show external-l3 eigrp tenant vrf detail

show external-l3 eigrp tenant <WORD> vrf WORD detail

Description: Show interanl details

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the VRF(s) to filter on (Max Size 64) |

Command Mode: exec : Exec Mode

Command Path:

```
# show external-l3 eigrp tenant <WORD> vrf WORD detail
```

show external-l3 eigrp tenant vrf node

show external-l3 eigrp tenant <WORD> vrf WORD node <101-4000>

Description: Node(s) to filter on

Syntax:

| | |
|-------------------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the VRF(s) to filter on (Max Size 64) |
| <i><101-4000></i> | Node Range or Node Name List |

Command Mode: exec : Exec Mode

Command Path:

```
# show external-l3 eigrp tenant <WORD> vrf WORD node <101-4000>
```

show external-l3 eigrp tenant vrf node detail

show external-l3 eigrp tenant <WORD> vrf WORD node <101-4000> detail

Description: Show interanl details

Syntax:

| | |
|-------------------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the VRF(s) to filter on (Max Size 64) |
| <i><101-4000></i> | Node Range or Node Name List |

Command Mode: exec : Exec Mode

Command Path:

```
# show external-l3 eigrp tenant <WORD> vrf WORD node <101-4000> detail
```

show external-l3 epg

show external-l3 epg

Description: Show command for external-l3 epgs

Command Mode: exec : Exec Mode

Command Path:

```
# show external-l3 epg
```

show external-l3 epg detail

show external-l3 epg detail

Description: external-l3 epg in detail with operational status

Command Mode: exec : Exec Mode

Command Path:

```
# show external-l3 epg detail
```

show external-l3 epg name

show external-l3 epg name <epgName>

Description: EPG name to filter on

Syntax:

| | |
|------------------------|------------------------------|
| <i><epgName></i> | Name of the EPG to filter on |
|------------------------|------------------------------|

Command Mode: exec : Exec Mode

Command Path:

```
# show external-l3 epg name <epgName>
```


show external-l3 epg name detail

show external-l3 epg name <epgName> detail

Description: external-l3 epg in detail with operational status

Syntax:

| | |
|------------------------|------------------------------|
| <i><epgName></i> | Name of the EPG to filter on |
|------------------------|------------------------------|

Command Mode: exec : Exec Mode

Command Path:

```
# show external-l3 epg name <epgName> detail
```

show external-l3 epg tenant

show external-l3 epg tenant <WORD>

Description: tenant to filter on

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
|-------------|---|

Command Mode: exec : Exec Mode

Command Path:

```
# show external-l3 epg tenant <WORD>
```

show external-l3 epg tenant detail

show external-l3 epg tenant <WORD> detail

Description: external-l3 epg in detail with operational status

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
|-------------|---|

Command Mode: exec : Exec Mode

Command Path:

```
# show external-l3 epg tenant <WORD> detail
```

show external-l3 epg tenant vrf

show external-l3 epg tenant <WORD> vrf WORD

Description: vrf to filter on

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the VRF to filter on (Max Size 64) |

Command Mode: exec : Exec Mode

Command Path:

```
# show external-l3 epg tenant <WORD> vrf WORD
```

show external-l3 epg tenant vrf detail

show external-l3 epg tenant <WORD> vrf WORD detail

Description: external-l3 epg in detail with operational status

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the VRF to filter on (Max Size 64) |

Command Mode: exec : Exec Mode

Command Path:

```
# show external-l3 epg tenant <WORD> vrf WORD detail
```

show external-l3 interfaces

show external-l3 interfaces

Description: Show command for external-l3 interfaces

Command Mode: exec : Exec Mode

Command Path:

```
# show external-l3 interfaces
```

show external-l3 interfaces detail

show external-l3 interfaces detail

Description: Show interfaces details

Command Mode: exec : Exec Mode

Command Path:

```
# show external-l3 interfaces detail
```

show external-l3 interfaces node

show external-l3 interfaces node <101-4000>

Description: Node(s) to filter on

Syntax:

| | |
|------------|------------------------------|
| <101-4000> | Node Range or Node Name List |
|------------|------------------------------|

Command Mode: exec : Exec Mode

Command Path:

```
# show external-l3 interfaces node <101-4000>
```


show external-l3 interfaces node detail

show external-l3 interfaces node <101-4000> detail

Description: Show interfaces details

Syntax:

| | |
|-------------------------|------------------------------|
| <i><101-4000></i> | Node Range or Node Name List |
|-------------------------|------------------------------|

Command Mode: exec : Exec Mode

Command Path:

```
# show external-l3 interfaces node <101-4000> detail
```

show external-l3 interfaces tenant

show external-l3 interfaces tenant <WORD>

Description: Tenant(s) to filter on

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
|-------------|---|

Command Mode: exec : Exec Mode

Command Path:

```
# show external-l3 interfaces tenant <WORD>
```

show external-l3 interfaces tenant detail

show external-l3 interfaces tenant <WORD> detail

Description: Show interfaces details

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
|-------------|---|

Command Mode: exec : Exec Mode

Command Path:

```
# show external-l3 interfaces tenant <WORD> detail
```

show external-l3 interfaces tenant vrf

show external-l3 interfaces tenant <WORD> vrf WORD

Description: Vrf(s) to filter on

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the VRF(s) to filter on (Max Size 64) |

Command Mode: exec : Exec Mode

Command Path:

```
# show external-l3 interfaces tenant <WORD> vrf WORD
```

show external-l3 interfaces tenant vrf detail

show external-l3 interfaces tenant <WORD> vrf WORD detail

Description: Show interfaces details

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the VRF(s) to filter on (Max Size 64) |

Command Mode: exec : Exec Mode

Command Path:

```
# show external-l3 interfaces tenant <WORD> vrf WORD detail
```

show external-l3 interfaces tenant vrf node

show external-l3 interfaces tenant <WORD> vrf WORD node <101-4000>

Description: Node(s) to filter on

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the VRF(s) to filter on (Max Size 64) |
| <101-4000> | Node Range or Node Name List |

Command Mode: exec : Exec Mode

Command Path:

```
# show external-l3 interfaces tenant <WORD> vrf WORD node <101-4000>
```

show external-l3 interfaces tenant vrf node detail

show external-l3 interfaces tenant <WORD> vrf WORD node <101-4000> detail

Description: Show interfaces details

Syntax:

| | |
|-------------------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the VRF(s) to filter on (Max Size 64) |
| <i><101-4000></i> | Node Range or Node Name List |

Command Mode: exec : Exec Mode

Command Path:

```
# show external-l3 interfaces tenant <WORD> vrf WORD node <101-4000> detail
```

show external-l3 ospf

show external-l3 ospf

Description: Show command for external-l3 ospf

Command Mode: exec : Exec Mode

Command Path:

```
# show external-l3 ospf
```


show external-l3 ospf detail

show external-l3 ospf detail

Description: Show internal details

Command Mode: exec : Exec Mode

Command Path:

```
# show external-l3 ospf detail
```

show external-l3 ospf node

show external-l3 ospf node <101-4000>

Description: Node(s) to filter on

Syntax:

| | |
|-------------------------|------------------------------|
| <i><101-4000></i> | Node Range or Node Name List |
|-------------------------|------------------------------|

Command Mode: exec : Exec Mode

Command Path:

```
# show external-l3 ospf node <101-4000>
```

show external-l3 ospf node detail

show external-l3 ospf node <101-4000> detail

Description: Show internal details

Syntax:

| | |
|-------------------------|------------------------------|
| <i><101-4000></i> | Node Range or Node Name List |
|-------------------------|------------------------------|

Command Mode: exec : Exec Mode

Command Path:

```
# show external-l3 ospf node <101-4000> detail
```

show external-l3 ospf tenant

show external-l3 ospf tenant <WORD>

Description: Tenant(s) to filter on

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
|-------------|---|

Command Mode: exec : Exec Mode

Command Path:

```
# show external-l3 ospf tenant <WORD>
```

show external-l3 ospf tenant detail

show external-l3 ospf tenant <WORD> detail

Description: Show internal details

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
|-------------|---|

Command Mode: exec : Exec Mode

Command Path:

```
# show external-l3 ospf tenant <WORD> detail
```

show external-l3 ospf tenant vrf

show external-l3 ospf tenant <WORD> vrf WORD

Description: Vrf(s) to filter on

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the VRF(s) to filter on (Max Size 64) |

Command Mode: exec : Exec Mode

Command Path:

```
# show external-l3 ospf tenant <WORD> vrf WORD
```

show external-l3 ospf tenant vrf detail

show external-l3 ospf tenant <WORD> vrf WORD detail

Description: Show internal details

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the VRF(s) to filter on (Max Size 64) |

Command Mode: exec : Exec Mode

Command Path:

```
# show external-l3 ospf tenant <WORD> vrf WORD detail
```

show external-l3 ospf tenant vrf node

show external-l3 ospf tenant <WORD> vrf WORD node <101-4000>

Description: Node(s) to filter on

Syntax:

| | |
|-------------------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the VRF(s) to filter on (Max Size 64) |
| <i><101-4000></i> | Node Range or Node Name List |

Command Mode: exec : Exec Mode

Command Path:

```
# show external-l3 ospf tenant <WORD> vrf WORD node <101-4000>
```


show external-l3 ospf tenant vrf node detail

show external-l3 ospf tenant <WORD> vrf WORD node <101-4000> detail

Description: Show internal details

Syntax:

| | |
|-------------------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the VRF(s) to filter on (Max Size 64) |
| <i><101-4000></i> | Node Range or Node Name List |

Command Mode: exec : Exec Mode

Command Path:

```
# show external-l3 ospf tenant <WORD> vrf WORD node <101-4000> detail
```

show external-l3 route-map

show external-l3 route-map

Description: Show command for external-l3 route-map

Command Mode: exec : Exec Mode

Command Path:

```
# show external-l3 route-map
```

show external-l3 route-map detail

show external-l3 route-map detail

Description: Route-map in detail with operational status

Command Mode: exec : Exec Mode

Command Path:

```
# show external-l3 route-map detail
```

show external-l3 route-map name

show external-l3 route-map name <l3out name>

Description: Route-map name to filter on

Syntax:

| | |
|--------------|------------------------------------|
| <l3out name> | Name of the route-map to filter on |
|--------------|------------------------------------|

Command Mode: exec : Exec Mode

Command Path:

```
# show external-l3 route-map name <l3out name>
```

show external-l3 route-map name detail

show external-l3 route-map name <l3out name> detail

Description: Route-map in detail with operational status

Syntax:

| | |
|---------------------------|------------------------------------|
| <i><l3out name></i> | Name of the route-map to filter on |
|---------------------------|------------------------------------|

Command Mode: exec : Exec Mode

Command Path:

```
# show external-l3 route-map name <l3out name> detail
```

show external-l3 route-map tenant

show external-l3 route-map tenant <WORD>

Description: tenant to filter on

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
|-------------|---|

Command Mode: exec : Exec Mode

Command Path:

```
# show external-l3 route-map tenant <WORD>
```

show external-l3 route-map tenant detail

show external-l3 route-map tenant <WORD> detail

Description: Route-map in detail with operational status

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
|-------------|---|

Command Mode: exec : Exec Mode

Command Path:

```
# show external-l3 route-map tenant <WORD> detail
```

show external-l3 route-map tenant vrf

show external-l3 route-map tenant <WORD> vrf WORD

Description: vrf to filter on

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the VRF to filter on (Max Size 64) |

Command Mode: exec : Exec Mode

Command Path:

```
# show external-l3 route-map tenant <WORD> vrf WORD
```


show external-l3 route-map tenant vrf detail

show external-l3 route-map tenant <WORD> vrf WORD detail

Description: Route-map in detail with operational status

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the VRF to filter on (Max Size 64) |

Command Mode: exec : Exec Mode

Command Path:

```
# show external-l3 route-map tenant <WORD> vrf WORD detail
```

show external-l3 route-map tenant vrf node

show external-l3 route-map tenant <WORD> vrf WORD node

Description: node to filter on

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the VRF to filter on (Max Size 64) |
| <i>arg</i> | Leaf Range or Leaf Name List |

Command Mode: exec : Exec Mode

Command Path:

```
# show external-l3 route-map tenant <WORD> vrf WORD node
```

show external-l3 route-map tenant vrf node detail

show external-l3 route-map tenant <WORD> vrf WORD node detail

Description: Route-map in detail with operational status

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the VRF to filter on (Max Size 64) |
| <i>arg</i> | Leaf Range or Leaf Name List |

Command Mode: exec : Exec Mode

Command Path:

```
# show external-l3 route-map tenant <WORD> vrf WORD node detail
```

show external-l3 scale

show external-l3 scale

Description: Show command for external-l3 scale

Command Mode: exec : Exec Mode

Command Path:

```
# show external-l3 scale
```

show external-l3 scale detail

show external-l3 scale detail

Description: Show scale details

Command Mode: exec : Exec Mode

Command Path:

```
# show external-l3 scale detail
```

show external-l3 scale node

show external-l3 scale node <101-4000>

Description: Node(s) to filter on

Syntax:

| | |
|-------------------------|------------------------------|
| <i><101-4000></i> | Node Range or Node Name List |
|-------------------------|------------------------------|

Command Mode: exec : Exec Mode

Command Path:

```
# show external-l3 scale node <101-4000>
```

show external-l3 scale node detail

show external-l3 scale node <101-4000> detail

Description: Show scale details

Syntax:

| | |
|-------------------------|------------------------------|
| <i><101-4000></i> | Node Range or Node Name List |
|-------------------------|------------------------------|

Command Mode: exec : Exec Mode

Command Path:

```
# show external-l3 scale node <101-4000> detail
```

show external-l3 scale tenant

show external-l3 scale tenant <WORD>

Description: Tenant(s) to filter on

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
|-------------|---|

Command Mode: exec : Exec Mode

Command Path:

```
# show external-l3 scale tenant <WORD>
```


show external-l3 scale tenant detail

show external-l3 scale tenant <WORD> detail

Description: Show scale details

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
|-------------|---|

Command Mode: exec : Exec Mode

Command Path:

```
# show external-l3 scale tenant <WORD> detail
```

show external-l3 scale tenant vrf

show external-l3 scale tenant <WORD> vrf WORD

Description: Vrf(s) to filter on

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the VRF(s) to filter on (Max Size 64) |

Command Mode: exec : Exec Mode

Command Path:

```
# show external-l3 scale tenant <WORD> vrf WORD
```

show external-l3 scale tenant vrf detail

show external-l3 scale tenant <WORD> vrf WORD detail

Description: Show scale details

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the VRF(s) to filter on (Max Size 64) |

Command Mode: exec : Exec Mode

Command Path:

```
# show external-l3 scale tenant <WORD> vrf WORD detail
```

show external-l3 scale tenant vrf node

show external-l3 scale tenant <WORD> vrf WORD node <101-4000>

Description: Node(s) to filter on

Syntax:

| | |
|-------------------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the VRF(s) to filter on (Max Size 64) |
| <i><101-4000></i> | Node Range or Node Name List |

Command Mode: exec : Exec Mode

Command Path:

```
# show external-l3 scale tenant <WORD> vrf WORD node <101-4000>
```

show external-l3 scale tenant vrf node detail

show external-l3 scale tenant <WORD> vrf WORD node <101-4000> detail

Description: Show scale details

Syntax:

| | |
|-------------------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the VRF(s) to filter on (Max Size 64) |
| <i><101-4000></i> | Node Range or Node Name List |

Command Mode: exec : Exec Mode

Command Path:

```
# show external-l3 scale tenant <WORD> vrf WORD node <101-4000> detail
```

show external-l3 static-route

show external-l3 static-route

Description: Show command for external-l3 static routes

Command Mode: exec : Exec Mode

Command Path:

```
# show external-l3 static-route
```

show external-l3 static-route detail

show external-l3 static-route detail

Description: static-route in detail with operational status

Command Mode: exec : Exec Mode

Command Path:

```
# show external-l3 static-route detail
```

show external-l3 static-route node

show external-l3 static-route node

Description: node to filter on

Syntax:

| | |
|------------|------------------------------|
| <i>arg</i> | Leaf Range or Leaf Name List |
|------------|------------------------------|

Command Mode: exec : Exec Mode

Command Path:

```
# show external-l3 static-route node
```


show external-l3 static-route node detail

show external-l3 static-route node detail

Description: static-route in detail with operational status

Syntax:

| | |
|------------|------------------------------|
| <i>arg</i> | Leaf Range or Leaf Name List |
|------------|------------------------------|

Command Mode: exec : Exec Mode

Command Path:

```
# show external-l3 static-route node detail
```

show external-l3 static-route tenant

show external-l3 static-route tenant <WORD>

Description: tenant to filter on

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
|-------------|---|

Command Mode: exec : Exec Mode

Command Path:

```
# show external-l3 static-route tenant <WORD>
```

show external-l3 static-route tenant detail

show external-l3 static-route tenant <WORD> detail

Description: static-route in detail with operational status

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
|-------------|---|

Command Mode: exec : Exec Mode

Command Path:

```
# show external-l3 static-route tenant <WORD> detail
```

show external-l3 static-route tenant vrf

show external-l3 static-route tenant <WORD> vrf WORD

Description: vrf to filter on

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the VRF to filter on (Max Size 64) |

Command Mode: exec : Exec Mode

Command Path:

```
# show external-l3 static-route tenant <WORD> vrf WORD
```

show external-l3 static-route tenant vrf detail

show external-l3 static-route tenant <WORD> vrf WORD detail

Description: static-route in detail with operational status

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the VRF to filter on (Max Size 64) |

Command Mode: exec : Exec Mode

Command Path:

```
# show external-l3 static-route tenant <WORD> vrf WORD detail
```

show external-l3 static-route tenant vrf node

show external-l3 static-route tenant <WORD> vrf WORD node

Description: node to filter on

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the VRF to filter on (Max Size 64) |
| <i>arg</i> | Leaf Range or Leaf Name List |

Command Mode: exec : Exec Mode

Command Path:

```
# show external-l3 static-route tenant <WORD> vrf WORD node
```

show external-l3 static-route tenant vrf node detail

show external-l3 static-route tenant <WORD> vrf WORD node detail

Description: static-route in detail with operational status

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the VRF to filter on (Max Size 64) |
| <i>arg</i> | Leaf Range or Leaf Name List |

Command Mode: exec : Exec Mode

Command Path:

```
# show external-l3 static-route tenant <WORD> vrf WORD node detail
```

show fabric-recovery checker

show fabric-recovery checker moDn [detail]

Description: To show the recovery checker status

Syntax:

| | |
|-------------|-------------------|
| <i>moDn</i> | Optional Dn |
| detail | (Optional) detail |

Command Mode: exec : Exec Mode

Command Path:

```
# show fabric-recovery checker moDn [detail]
```


show fabric-recovery status

show fabric-recovery status

Description: Show fabric recovery status

Command Mode: exec : Exec Mode

Command Path:

```
# show fabric-recovery status
```

show faults

show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes/no>] [lc <lc-state>] [severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause <fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] <scope>

Description: Show fault information

Syntax:

| | |
|---------------------------------------|--|
| history | (Optional) Historical information |
| <fault-code> | (Optional) Fault code |
| <fault-ID> | (Optional) Fault ID |
| <yes/no> | (Optional) Acknowledgment status |
| <lc-state> | (Optional) Lifecycle state |
| <severity-value> | (Optional) Severity |
| <severity-value> | (Optional) Minimum severity |
| <fault-type> | (Optional) Type |
| <fault-value> | (Optional) Cause |
| last-minutes <num-minutes> | (Optional) Fault activity in time interval. Number range from=1 to=59 |
| last-hours <num-hours> | (Optional) Fault activity in time interval. Number range from=1 to=23 |
| last-days <num-days> | (Optional) Fault activity in time interval. Number range from=1 to=999 |
| start-time <YYYY-MM-DDTHR:MIN:SEC> | (Optional) Fault activity in time interval |
| end-time <YYYY-MM-DDTHR:MIN:SEC> | (Optional) Fault activity in time interval |
| detail | (Optional) Detailed faults information |
| <scope> | command scope |

Command Mode: exec : Exec Mode

Command Path:

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes/no>] [lc <lc-state>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
<fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail]
<scope>
```

show faults controller

```
show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>] [severity <severity-value>]
[min-severity <severity-value>] [type <fault-type>] [cause <fault-value>] [last-minutes <NUMBER>] [last-hours
<NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
<YYYY-MM-DDTHR:MIN:SEC>] [detail] controller
```

Description: Show controller information

Command Mode: exec : Exec Mode

Command Path:

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
<fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] controller
```

show faults controller detail

show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>] [severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause <fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] controller detail [id <node-id>]

Description: Detailed controller information

Syntax:

| | |
|----------------|-----------------------------------|
| <i>node-id</i> | (Optional) Optional Serial number |
|----------------|-----------------------------------|

Command Mode: exec : Exec Mode

Command Path:

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
  [severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
<fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] controller detail [id
<node-id>]
```

show faults l4l7-cluster

```
show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>] [severity <severity-value>]
[min-severity <severity-value>] [type <fault-type>] [cause <fault-value>] [last-minutes <NUMBER>] [last-hours
<NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
<YYYY-MM-DDTHR:MIN:SEC>] [detail] l4l7-cluster [tenant <Tenant Name>] [cluster <Device Cluster Name>]
```

Description: Show L4 L7 Device information

Syntax:

| | |
|----------------------------|---------------------------|
| <i>Tenant Name</i> | (Optional) Name of Tenant |
| <i>Device Cluster Name</i> | (Optional) Name of Device |

Command Mode: exec : Exec Mode

Command Path:

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
<fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] l4l7-cluster [tenant
<Tenant Name>] [cluster <Device Cluster Name>]
```

show faults l4l7-graph

show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>] [severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause <fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] l4l7-graph [tenant <Tenant Name>] [graph <Graph Name>]

Description: Show L4 L7 Graph information

Syntax:

| | |
|---------------|---------------------------|
| <Tenant Name> | (Optional) Name of Tenant |
| <Graph Name> | (Optional) Name of Graph |

Command Mode: exec : Exec Mode

Command Path:

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
  [severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
<fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] l4l7-graph [tenant
<Tenant Name>] [graph <Graph Name>]
```

show faults leaf

```
show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>] [severity <severity-value>]
[min-severity <severity-value>] [type <fault-type>] [cause <fault-value>] [last-minutes <NUMBER>] [last-hours
<NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
<YYYY-MM-DDTHR:MIN:SEC>] [detail] leaf <leafId>
```

Description: Show command for leaf

Syntax:

| | |
|----------|---------|
| <leafId> | Leaf id |
|----------|---------|

Command Mode: exec : Exec Mode

Command Path:

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
<fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] leaf <leafId>
```

show faults leaf fex

show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>] [severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause <fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] leaf <leafId> fex <feXNum>

Description: Show extended chassis information

Syntax:

| | |
|----------|----------------------|
| <leafId> | Leaf id |
| <feXNum> | pls enter feX number |

Command Mode: exec : Exec Mode

Command Path:

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
<fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] leaf <leafId> fex
<feXNum>
```


show faults leaf fex module

```
show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>] [severity <severity-value>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause <fault-value>] [last-minutes <NUMBER>] [last-hours
<NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
<YYYY-MM-DDTHR:MIN:SEC>] [detail] leaf <leafId> fex <fexNum> module <lcSlot>
```

Description: Show inventory module information

Syntax:

| | |
|----------|--------------------------------|
| <leafId> | Leaf id |
| <fexNum> | pls enter fex number |
| <lcSlot> | please enter the module number |

Command Mode: exec : Exec Mode

Command Path:

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
<fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] leaf <leafId> fex
<fexNum> module <lcSlot>
```

show faults leaf interface ethernet

```
show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>] [severity <severity-value>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause <fault-value>] [last-minutes <NUMBER>] [last-hours
<NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
<YYYY-MM-DDTHR:MIN:SEC>] [detail] leaf <leafId> interface ethernet <phyInt>
```

Description: Ethernet IEEE 802.3z

Syntax:

| | |
|-----------------------|--|
| <i><leafId></i> | Leaf id |
| <i><phyInt></i> | <slot or chassis-number/port or slot number> |

Command Mode: exec : Exec Mode

Command Path:

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
<fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] leaf <leafId> interface
ethernet <phyInt>
```

show faults leaf interface fc

```
show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>] [severity <severity-value>]
[min-severity <severity-value>] [type <fault-type>] [cause <fault-value>] [last-minutes <NUMBER>] [last-hours
<NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
<YYYY-MM-DDTHR:MIN:SEC>] [detail] leaf <leafId> interface fc <phyInt>
```

Description: Fibre Channel Protocol

Syntax:

| | |
|----------|--|
| <leafId> | Leaf id |
| <phyInt> | <slot or chassis-number/port or slot number> |

Command Mode: exec : Exec Mode

Command Path:

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
<fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] leaf <leafId> interface
fc <phyInt>
```

show faults leaf interface fcportchannel

```
show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>] [severity <severity-value>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause <fault-value>] [last-minutes <NUMBER>] [last-hours
<NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
<YYYY-MM-DDTHR:MIN:SEC>] [detail] leaf <leafId> interface fcportchannel <portChan>
```

Description: FC Port channel interface

Syntax:

| | |
|-------------------------|-----------------------|
| <i><leafId></i> | Leaf id |
| <i><portChan></i> | <Port channel number> |

Command Mode: exec : Exec Mode

Command Path:

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
<fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] leaf <leafId> interface
fcportchannel <portChan>
```

show faults leaf interface l3instance

```
show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>] [severity <severity-value>]
[min-severity <severity-value>] [type <fault-type>] [cause <fault-value>] [last-minutes <NUMBER>] [last-hours
<NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
<YYYY-MM-DDTHR:MIN:SEC>] [detail] leaf <leafId> interface l3instance <l3Inst>
```

Description: L3 instance

Syntax:

| | |
|----------|----------------------|
| <leafId> | Leaf id |
| <l3Inst> | <L3 instance number> |

Command Mode: exec : Exec Mode

Command Path:

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
<fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] leaf <leafId> interface
l3instance <l3Inst>
```

show faults leaf interface mgmt

```
show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>] [severity <severity-value>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause <fault-value>] [last-minutes <NUMBER>] [last-hours
<NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
<YYYY-MM-DDTHR:MIN:SEC>] [detail] leaf <leafId> interface mgmt <mgmtPort>
```

Description: Management interface

Syntax:

| | |
|------------|-------------------------------|
| <leafId> | Leaf id |
| <mgmtPort> | <Management interface number> |

Command Mode: exec : Exec Mode

Command Path:

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
<fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] leaf <leafId> interface
mgmt <mgmtPort>
```

show faults leaf interface portchannel

```
show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>] [severity <severity-value>]
[min-severity <severity-value>] [type <fault-type>] [cause <fault-value>] [last-minutes <NUMBER>] [last-hours
<NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
<YYYY-MM-DDTHR:MIN:SEC>] [detail] leaf <leafId> interface portchannel <portChan>
```

Description: Port channel interface

Syntax:

| | |
|-------------------------|-----------------------|
| <i><leafId></i> | Leaf id |
| <i><portChan></i> | <Port channel number> |

Command Mode: exec : Exec Mode

Command Path:

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
<fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] leaf <leafId> interface
portchannel <portChan>
```

show faults leaf interface tunnel

```
show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>] [severity <severity-value>]
[min-severity <severity-value>] [type <fault-type>] [cause <fault-value>] [last-minutes <NUMBER>] [last-hours
<NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
<YYYY-MM-DDTHR:MIN:SEC>] [detail] leaf <leafId> interface tunnel <tunnelPort>
```

Description: Tunnel Interface

Syntax:

| | |
|--------------|---------------------------|
| <leafId> | Leaf id |
| <tunnelPort> | <Tunnel interface number> |

Command Mode: exec : Exec Mode

Command Path:

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
<fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] leaf <leafId> interface
tunnel <tunnelPort>
```


show faults leaf interface vethernet

```
show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>] [severity <severity-value>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause <fault-value>] [last-minutes <NUMBER>] [last-hours
<NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
<YYYY-MM-DDTHR:MIN:SEC>] [detail] leaf <leafId> interface vethernet <phyInt>
```

Description: vethernet ID

Syntax:

| | |
|-----------------------|--|
| <i><leafId></i> | Leaf id |
| <i><phyInt></i> | <slot or chassis-number/port or slot number> |

Command Mode: exec : Exec Mode

Command Path:

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
<fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] leaf <leafId> interface
vethernet <phyInt>
```

show faults leaf inventory chassis

show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>] [severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause <fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] leaf <leafId> inventory chassis

Description: Show inventory chassis information

Syntax:

| | |
|----------|---------|
| <leafId> | Leaf id |
|----------|---------|

Command Mode: exec : Exec Mode

Command Path:

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
  [severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
<fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] leaf <leafId> inventory
chassis
```

show faults leaf inventory fans

show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>] [severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause <fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] leaf <leafId> inventory fans <ftSlot>

Description: Show inventory fan information

Syntax:

| | |
|----------|---------------------------|
| <leafId> | Leaf id |
| <ftSlot> | pls enter fan tray number |

Command Mode: exec : Exec Mode

Command Path:

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
<fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] leaf <leafId> inventory
fans <ftSlot>
```

show faults leaf inventory module

show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>] [severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause <fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] leaf <leafId> inventory module <lcSlot>

Description: Show inventory module information

Syntax:

| | |
|----------|--------------------------------|
| <leafId> | Leaf id |
| <lcSlot> | please enter the module number |

Command Mode: exec : Exec Mode

Command Path:

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
<fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] leaf <leafId> inventory
module <lcSlot>
```

show faults leaf inventory module fabricport

```
show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>] [severity <severity-value>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause <fault-value>] [last-minutes <NUMBER>] [last-hours
<NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
<YYYY-MM-DDTHR:MIN:SEC>] [detail] leaf <leafId> inventory module <lcSlot> fabricport <fabPort>
```

Description: Show information for fabric port

Syntax:

| | |
|------------------------|----------------------------------|
| <i><leafId></i> | Leaf id |
| <i><lcSlot></i> | please enter the module number |
| <i><fabPort></i> | pls enter the fabric port number |

Command Mode: exec : Exec Mode

Command Path:

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
<fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] leaf <leafId> inventory
module <lcSlot> fabricport <fabPort>
```

show faults leaf inventory module leafport

```
show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>] [severity <severity-value>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause <fault-value>] [last-minutes <NUMBER>] [last-hours
<NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
<YYYY-MM-DDTHR:MIN:SEC>] [detail] leaf <leafId> inventory module <lcSlot> leafport <leafPort>
```

Description: Show information for leaf port

Syntax:

| | |
|-------------------------|--------------------------------|
| <i><leafId></i> | Leaf id |
| <i><lcSlot></i> | please enter the module number |
| <i><leafPort></i> | pls enter the leaf port number |

Command Mode: exec : Exec Mode

Command Path:

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
<fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] leaf <leafId> inventory
module <lcSlot> leafport <leafPort>
```

show faults leaf inventory powersupply

```
show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>] [severity <severity-value>]
[min-severity <severity-value>] [type <fault-type>] [cause <fault-value>] [last-minutes <NUMBER>] [last-hours
<NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
<YYYY-MM-DDTHR:MIN:SEC>] [detail] leaf <leafId> inventory powersupply <psuSlot>
```

Description: Show inventory power supply information

Syntax:

| | |
|-----------|----------------------------------|
| <leafId> | Leaf id |
| <psuSlot> | pls enter the powersupply number |

Command Mode: exec : Exec Mode

Command Path:

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
<fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] leaf <leafId> inventory
powersupply <psuSlot>
```

show faults leaf inventory supervisor

show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>] [severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause <fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] leaf <leafId> inventory supervisor <supMod>

Description: Show information for supervisor module

Syntax:

| | |
|----------|--|
| <leafId> | Leaf id |
| <supMod> | pls enter the supervisor module number |

Command Mode: exec : Exec Mode

Command Path:

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
<fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] leaf <leafId> inventory
supervisor <supMod>
```


show faults leaf protocol

```
show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>] [severity <severity-value>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause <fault-value>] [last-minutes <NUMBER>] [last-hours
<NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
<YYYY-MM-DDTHR:MIN:SEC>] [detail] leaf <leafId> protocol <protName>
```

Description: Show command for protocol

Syntax:

| | |
|-------------------------|---------------|
| <i><leafId></i> | Leaf id |
| <i><protName></i> | Protocol name |

Command Mode: exec : Exec Mode

Command Path:

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
<fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] leaf <leafId> protocol
<protName>
```

show faults leaf vpc

show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>] [severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause <fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] leaf <leafId> vpc <vpcPort>

Description: Virtual port channel information

Syntax:

| | |
|-----------|---------------------------------------|
| <leafId> | Leaf id |
| <vpcPort> | pls enter virtual port channel number |

Command Mode: exec : Exec Mode

Command Path:

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
<fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] leaf <leafId> vpc
<vpcPort>
```

show faults leaf vrf

```
show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>] [severity <severity-value>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause <fault-value>] [last-minutes <NUMBER>] [last-hours
<NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
<YYYY-MM-DDTHR:MIN:SEC>] [detail] leaf <leafId> vrf <vrfPort>
```

Description: Vrf information

Syntax:

| | |
|-----------|--------------------|
| <leafId> | Leaf id |
| <vrfPort> | pls enter vrf name |

Command Mode: exec : Exec Mode

Command Path:

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
<fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] leaf <leafId> vrf
<vrfPort>
```

show faults microsoft domain

```
show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>] [severity <severity-value>]
[min-severity <severity-value>] [type <fault-type>] [cause <fault-value>] [last-minutes <NUMBER>] [last-hours
<NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
<YYYY-MM-DDTHR:MIN:SEC>] [detail] microsoft domain
```

Description: Show Microsoft domain information

Command Mode: exec : Exec Mode

Command Path:

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
<fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] microsoft domain
```

show faults microsoft domain name

show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>] [severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause <fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] microsoft domain name <WORD>

Description: Microsoft domain name

Syntax:

| | |
|-------------|-----------------------|
| <i>WORD</i> | Microsoft domain name |
|-------------|-----------------------|

Command Mode: exec : Exec Mode

Command Path:

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
<fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] microsoft domain name
<WORD>
```

show faults microsoft domain name hyperv

show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>] [severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause <fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] microsoft domain name <WORD> hyperv <WORD>

Description: Show Microsoft Hypervisor information

Syntax:

| | |
|-------------|-----------------------|
| <i>WORD</i> | Microsoft domain name |
| <i>WORD</i> | HyperV hostname |

Command Mode: exec : Exec Mode

Command Path:

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
<fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] microsoft domain name
<WORD> hyperv <WORD>
```

show faults microsoft domain name port-group

```
show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>] [severity <severity-value>]
[min-severity <severity-value>] [type <fault-type>] [cause <fault-value>] [last-minutes <NUMBER>] [last-hours
<NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
<YYYY-MM-DDTHR:MIN:SEC>] [detail] microsoft domain name <WORD> port-group
```

Description: Show Microsoft port group information

Syntax:

| | |
|-------------|-----------------------|
| <i>WORD</i> | Microsoft domain name |
|-------------|-----------------------|

Command Mode: exec : Exec Mode

Command Path:

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
<fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] microsoft domain name
<WORD> port-group
```

show faults microsoft domain name scvmm

show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>] [severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause <fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] microsoft domain name <WORD> scvmm <hostname|ip>

Description: Show Microsoft SCVMM information

Syntax:

| | |
|---------------|-----------------------|
| <i>WORD</i> | Microsoft domain name |
| <hostname ip> | SCVMM hostname or IP |

Command Mode: exec : Exec Mode

Command Path:

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
<fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] microsoft domain name
<WORD> scvmm <hostname|ip>
```


show faults microsoft domain name vm

show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>] [severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause <fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] microsoft domain name <WORD> vm

Description: Show Microsoft VM information

Syntax:

| | |
|-------------|-----------------------|
| <i>WORD</i> | Microsoft domain name |
|-------------|-----------------------|

Command Mode: exec : Exec Mode

Command Path:

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
<fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] microsoft domain name
<WORD> vm
```

show faults microsoft domain name vm name

show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>] [severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause <fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] microsoft domain name <WORD> vm name <WORD>

Description: Show detailed Microsoft VM information

Syntax:

| | |
|-------------|-----------------------|
| <i>WORD</i> | Microsoft domain name |
| <i>WORD</i> | VM Name |

Command Mode: exec : Exec Mode

Command Path:

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
<fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] microsoft domain name
<WORD> vm name <WORD>
```

show faults quota

```
show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>] [severity <severity-value>]
[min-severity <severity-value>] [type <fault-type>] [cause <fault-value>] [last-minutes <NUMBER>] [last-hours
<NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
<YYYY-MM-DDTHR:MIN:SEC>] [detail] quota
```

Description: Show Quotas Information

Command Mode: exec : Exec Mode

Command Path:

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
<fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] quota
```

show faults redhat domain

```
show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>] [severity <severity-value>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause <fault-value>] [last-minutes <NUMBER>] [last-hours
<NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
<YYYY-MM-DDTHR:MIN:SEC>] [detail] redhat domain
```

Description: Show Redhat domain information

Command Mode: exec : Exec Mode

Command Path:

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
<fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] redhat domain
```

show faults redhat domain name

```
show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>] [severity <severity-value>]
[min-severity <severity-value>] [type <fault-type>] [cause <fault-value>] [last-minutes <NUMBER>] [last-hours
<NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
<YYYY-MM-DDTHR:MIN:SEC>] [detail] redhat domain name <name>
```

Description: Redhat domain name

Syntax:

| | |
|---------------------|--------------------|
| <i><name></i> | Redhat domain name |
|---------------------|--------------------|

Command Mode: exec : Exec Mode

Command Path:

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
<fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] redhat domain name
<name>
```

show faults redhat domain name epg

```
show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>] [severity <severity-value>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause <fault-value>] [last-minutes <NUMBER>] [last-hours
<NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
<YYYY-MM-DDTHR:MIN:SEC>] [detail] redhat domain name <name> epg
```

Description: Show Redhat domain EPG details

Syntax:

| | |
|--------|--------------------|
| <name> | Redhat domain name |
|--------|--------------------|

Command Mode: exec : Exec Mode

Command Path:

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
<fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] redhat domain name
<name> epg
```

show faults redhat domain name rhev

```
show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>] [severity <severity-value>]
[min-severity <severity-value>] [type <fault-type>] [cause <fault-value>] [last-minutes <NUMBER>] [last-hours
<NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
<YYYY-MM-DDTHR:MIN:SEC>] [detail] redhat domain name <name> rhev <hostname|ip>
```

Description: RHEV ip or hostname

Syntax:

| | |
|----------------------------|---------------------|
| <i><name></i> | Redhat domain name |
| <i><hostname ip></i> | rhev hostname or IP |

Command Mode: exec : Exec Mode

Command Path:

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
<fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] redhat domain name
<name> rhev <hostname|ip>
```

show faults spine

```
show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>] [severity <severity-value>]
[min-severity <severity-value>] [type <fault-type>] [cause <fault-value>] [last-minutes <NUMBER>] [last-hours
<NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
<YYYY-MM-DDTHR:MIN:SEC>] [detail] spine <leafld>
```

Description: Show command for spine

Syntax:

| | |
|-----------------------|---------|
| <i><leafId></i> | Leaf id |
|-----------------------|---------|

Command Mode: exec : Exec Mode

Command Path:

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
<fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] spine <leafId>
```


show faults spine interface ethernet

```
show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>] [severity <severity-value>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause <fault-value>] [last-minutes <NUMBER>] [last-hours
<NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
<YYYY-MM-DDTHR:MIN:SEC>] [detail] spine <leafId> interface ethernet <phyInt>
```

Description: Ethernet IEEE 802.3z

Syntax:

| | |
|-----------------------|--|
| <i><leafId></i> | Leaf id |
| <i><phyInt></i> | <slot or chassis-number/port or slot number> |

Command Mode: exec : Exec Mode

Command Path:

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
<fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] spine <leafId> interface
ethernet <phyInt>
```

show faults spine interface l3instance

```
show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>] [severity <severity-value>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause <fault-value>] [last-minutes <NUMBER>] [last-hours
<NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
<YYYY-MM-DDTHR:MIN:SEC>] [detail] spine <leafId> interface l3instance <l3Inst>
```

Description: L3 instance

Syntax:

| | |
|----------|----------------------|
| <leafId> | Leaf id |
| <l3Inst> | <L3 instance number> |

Command Mode: exec : Exec Mode

Command Path:

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
<fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] spine <leafId> interface
l3instance <l3Inst>
```

show faults spine interface mgmt

```
show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>] [severity <severity-value>]
[min-severity <severity-value>] [type <fault-type>] [cause <fault-value>] [last-minutes <NUMBER>] [last-hours
<NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
<YYYY-MM-DDTHR:MIN:SEC>] [detail] spine <leafId> interface mgmt <mgmtPort>
```

Description: Management interface

Syntax:

| | |
|------------|-------------------------------|
| <leafId> | Leaf id |
| <mgmtPort> | <Management interface number> |

Command Mode: exec : Exec Mode

Command Path:

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
<fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] spine <leafId> interface
mgmt <mgmtPort>
```

show faults spine interface tunnel

```
show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>] [severity <severity-value>]
[min-severity <severity-value>] [type <fault-type>] [cause <fault-value>] [last-minutes <NUMBER>] [last-hours
<NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
<YYYY-MM-DDTHR:MIN:SEC>] [detail] spine <leafId> interface tunnel <tunnelPort>
```

Description: Tunnel Interface

Syntax:

| | |
|--------------|---------------------------|
| <leafId> | Leaf id |
| <tunnelPort> | <Tunnel interface number> |

Command Mode: exec : Exec Mode

Command Path:

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
<fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] spine <leafId> interface
tunnel <tunnelPort>
```

show faults spine inventory chassis

```
show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>] [severity <severity-value>]
[min-severity <severity-value>] [type <fault-type>] [cause <fault-value>] [last-minutes <NUMBER>] [last-hours
<NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
<YYYY-MM-DDTHR:MIN:SEC>] [detail] spine <leafId> inventory chassis
```

Description: Show inventory chassis information

Syntax:

| | |
|----------|---------|
| <leafId> | Leaf id |
|----------|---------|

Command Mode: exec : Exec Mode

Command Path:

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
<fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] spine <leafId> inventory
chassis
```

show faults spine inventory fabric

```
show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>] [severity <severity-value>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause <fault-value>] [last-minutes <NUMBER>] [last-hours
<NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
<YYYY-MM-DDTHR:MIN:SEC>] [detail] spine <leafId> inventory fabric <fcMod>
```

Description: Show information for fabric module

Syntax:

| | |
|----------|------------------------------------|
| <leafId> | Leaf id |
| <fcMod> | pls enter the fabric module number |

Command Mode: exec : Exec Mode

Command Path:

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
<fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] spine <leafId> inventory
fabric <fcMod>
```

show faults spine inventory fans

```
show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>] [severity <severity-value>]
[min-severity <severity-value>] [type <fault-type>] [cause <fault-value>] [last-minutes <NUMBER>] [last-hours
<NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
<YYYY-MM-DDTHR:MIN:SEC>] [detail] spine <leafId> inventory fans <ftSlot>
```

Description: Show inventory fan information

Syntax:

| | |
|----------|---------------------------|
| <leafId> | Leaf id |
| <ftSlot> | pls enter fan tray number |

Command Mode: exec : Exec Mode

Command Path:

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
<fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] spine <leafId> inventory
fans <ftSlot>
```

show faults spine inventory module

```
show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>] [severity <severity-value>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause <fault-value>] [last-minutes <NUMBER>] [last-hours
<NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
<YYYY-MM-DDTHR:MIN:SEC>] [detail] spine <leafId> inventory module <lcSlot>
```

Description: Show inventory module information

Syntax:

| | |
|----------|--------------------------------|
| <leafId> | Leaf id |
| <lcSlot> | please enter the module number |

Command Mode: exec : Exec Mode

Command Path:

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
<fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] spine <leafId> inventory
module <lcSlot>
```


show faults spine inventory module fabricport

```
show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>] [severity <severity-value>]
[min-severity <severity-value>] [type <fault-type>] [cause <fault-value>] [last-minutes <NUMBER>] [last-hours
<NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
<YYYY-MM-DDTHR:MIN:SEC>] [detail] spine <leafId> inventory module <lcSlot> fabricport <fabPort>
```

Description: Show information for fabric port

Syntax:

| | |
|-----------|----------------------------------|
| <leafId> | Leaf id |
| <lcSlot> | please enter the module number |
| <fabPort> | pls enter the fabric port number |

Command Mode: exec : Exec Mode

Command Path:

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
<fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] spine <leafId> inventory
module <lcSlot> fabricport <fabPort>
```

show faults spine inventory powersupply

show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>] [severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause <fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] spine <leafId> inventory powersupply <psuSlot>

Description: Show inventory power supply information

Syntax:

| | |
|-----------|----------------------------------|
| <leafId> | Leaf id |
| <psuSlot> | pls enter the powersupply number |

Command Mode: exec : Exec Mode

Command Path:

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
<fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] spine <leafId> inventory
powersupply <psuSlot>
```

show faults spine inventory supervisor

```
show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>] [severity <severity-value>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause <fault-value>] [last-minutes <NUMBER>] [last-hours
<NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
<YYYY-MM-DDTHR:MIN:SEC>] [detail] spine <leafId> inventory supervisor <supMod>
```

Description: Show information for supervisor module

Syntax:

| | |
|-----------------------|--|
| <i><leafId></i> | Leaf id |
| <i><supMod></i> | pls enter the supervisor module number |

Command Mode: exec : Exec Mode

Command Path:

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
<fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] spine <leafId> inventory
supervisor <supMod>
```

show faults spine inventory system

```
show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>] [severity <severity-value>]
[min-severity <severity-value>] [type <fault-type>] [cause <fault-value>] [last-minutes <NUMBER>] [last-hours
<NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
<YYYY-MM-DDTHR:MIN:SEC>] [detail] spine <leafId> inventory system <sysMod>
```

Description: Show information for system module

Syntax:

| | |
|----------|------------------------------------|
| <leafId> | Leaf id |
| <sysMod> | pls enter the system module number |

Command Mode: exec : Exec Mode

Command Path:

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
<fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] spine <leafId> inventory
system <sysMod>
```

show faults spine protocol

```
show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>] [severity <severity-value>]
[min-severity <severity-value>] [type <fault-type>] [cause <fault-value>] [last-minutes <NUMBER>] [last-hours
<NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
<YYYY-MM-DDTHR:MIN:SEC>] [detail] spine <leafId> protocol <protName>
```

Description: Show command for protocol

Syntax:

| | |
|-------------------------|---------------|
| <i><leafId></i> | Leaf id |
| <i><protName></i> | Protocol name |

Command Mode: exec : Exec Mode

Command Path:

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
<fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] spine <leafId> protocol
<protName>
```

show faults spine vrf

```
show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>] [severity <severity-value>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause <fault-value>] [last-minutes <NUMBER>] [last-hours
<NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
<YYYY-MM-DDTHR:MIN:SEC>] [detail] spine <leafId> vrf <vrfPort>
```

Description: Vrf information

Syntax:

| | |
|-----------|--------------------|
| <leafId> | Leaf id |
| <vrfPort> | pls enter vrf name |

Command Mode: exec : Exec Mode

Command Path:

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
<fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] spine <leafId> vrf
<vrfPort>
```

show faults tenant

show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>] [severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause <fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD

Description: Show Tenants Information

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
|-------------|---|

Command Mode: exec : Exec Mode

Command Path:

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
<fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD
```

show faults tenant application

show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>] [severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause <fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant **WORD** application **WORD**

Description: Show Application Profiles Information

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the application we eventually want to filter on (Max Size 64) |

Command Mode: exec : Exec Mode

Command Path:

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
<fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD application
WORD
```


show faults tenant application epg

show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>] [severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause <fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant **WORD** application **WORD** epg **WORD**

Description: Show Application EPG Information

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the application we eventually want to filter on (Max Size 64) |
| <i>WORD</i> | Name of the AEPG to filter on (Max Size 64) |

Command Mode: exec : Exec Mode

Command Path:

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
<fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD application
WORD epg WORD
```

show faults tenant bridge-domain

show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>] [severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause <fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD bridge-domain WORD

Description: Show Bridge-domain Information

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the bridge-domain (Max Size 64) |

Command Mode: exec : Exec Mode

Command Path:

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
  [severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
<fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD
bridge-domain WORD
```

show faults tenant bridge-domain detail

show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>] [severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause <fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant **WORD** bridge-domain **WORD** detail

Description: Show Bridge-domain Detailed Information

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the bridge-domain (Max Size 64) |

Command Mode: exec : Exec Mode

Command Path:

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
<fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD
bridge-domain WORD detail
```

show faults tenant bridge-domain first-hop-security binding-table

show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>] [severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause <fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD bridge-domain WORD first-hop-security binding-table

Description: Show Bridge-domain Binding Table Information

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the bridge-domain (Max Size 64) |

Command Mode: exec : Exec Mode

Command Path:

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
<fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD
bridge-domain WORD first-hop-security binding-table
```

show faults tenant bridge-domain first-hop-security statistics arp

```
show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>] [severity <severity-value>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause <fault-value>] [last-minutes <NUMBER>] [last-hours
<NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
<YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD bridge-domain WORD first-hop-security statistics arp
```

Description: Show Bridge-domain First Hop Security ARP Statistics

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the bridge-domain (Max Size 64) |

Command Mode: exec : Exec Mode

Command Path:

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
<fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD
bridge-domain WORD first-hop-security statistics arp
```

show faults tenant bridge-domain first-hop-security statistics dhcpv4

```
show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>] [severity <severity-value>]
[min-severity <severity-value>] [type <fault-type>] [cause <fault-value>] [last-minutes <NUMBER>] [last-hours
<NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
<YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD bridge-domain WORD first-hop-security statistics
dhcpv4
```

Description: Show Bridge-domain First Hop Security DHCPv4 Statistics

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the bridge-domain (Max Size 64) |

Command Mode: exec : Exec Mode

Command Path:

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
<fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD
bridge-domain WORD first-hop-security statistics dhcpv4
```

show faults tenant bridge-domain first-hop-security statistics dhcpv6

```
show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>] [severity <severity-value>]
[min-severity <severity-value>] [type <fault-type>] [cause <fault-value>] [last-minutes <NUMBER>] [last-hours
<NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
<YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD bridge-domain WORD first-hop-security statistics
dhcpv6
```

Description: Show Bridge-domain First Hop Security DHCPv6 Statistics

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the bridge-domain (Max Size 64) |

Command Mode: exec : Exec Mode

Command Path:

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
<fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD
bridge-domain WORD first-hop-security statistics dhcpv6
```

show faults tenant bridge-domain first-hop-security statistics neighbor-discovery

```
show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>] [severity <severity-value>]
[min-severity <severity-value>] [type <fault-type>] [cause <fault-value>] [last-minutes <NUMBER>] [last-hours
<NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
<YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD bridge-domain WORD first-hop-security statistics
neighbor-discovery
```

Description: Show Bridge-domain First Hop Security Neighbor Discovery Statistics

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the bridge-domain (Max Size 64) |

Command Mode: exec : Exec Mode

Command Path:

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
<fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD
bridge-domain WORD first-hop-security statistics neighbor-discovery
```


show faults tenant dnservergroup

show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>] [severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause <fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant **WORD** dnservergroup **WORD**

Description: Show Dns Server Group Information

Syntax:

| | |
|-------------|--|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the dns server group we eventually want to filter on (Max Size 16) |

Command Mode: exec : Exec Mode

Command Path:

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
 [severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
 <fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
 <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD
dnservergroup WORD
```

show faults tenant dnsservergroup server

show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>] [severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause <fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD dnsservergroup WORD server WORD

Description: Show Dns Server Information

Syntax:

| | |
|-------------|--|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the dns server group we eventually want to filter on (Max Size 16) |
| <i>WORD</i> | IP of server we eventually want to filter on (Max Size None) |

Command Mode: exec : Exec Mode

Command Path:

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
<fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD
dnsservergroup WORD server WORD
```

show faults tenant dnsservergroup server domain

show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>] [severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause <fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant **WORD** dnsservergroup **WORD** server **WORD** domain **WORD**

Description: Show Dns Domain Information

Syntax:

| | |
|-------------|--|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the dns server group we eventually want to filter on (Max Size 16) |
| <i>WORD</i> | IP of server we eventually want to filter on (Max Size None) |
| <i>WORD</i> | Domain we eventually want to filter on (Max Size 512) |

Command Mode: exec : Exec Mode

Command Path:

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
<fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD
dnsservergroup WORD server WORD domain WORD
```

show faults tenant interface bridge-domain

show faults [**history**] [**code** <fault-code>] [**id** <fault-ID>] [**ack** <yes|no>] [**lc** <lc-state>] [**severity** <severity-value>] [**min-severity** <severity-value>] [**type** <fault-type>] [**cause** <fault-value>] [**last-minutes** <NUMBER>] [**last-hours** <NUMBER>] [**last-days** <NUMBER>] [**start-time** <YYYY-MM-DDTHR:MIN:SEC>] [**end-time** <YYYY-MM-DDTHR:MIN:SEC>] [**detail**] **tenant** **WORD** **interface** **bridge-domain** **WORD**

Description: Show Bridge-domain Information

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the bridge-domain (Max Size 64) |

Command Mode: exec : Exec Mode

Command Path:

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
<fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD interface
bridge-domain WORD
```

show faults tenant interface bridge-domain detail

show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>] [severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause <fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant **WORD** interface bridge-domain **WORD** detail

Description: Show Bridge-domain Detailed Information

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the bridge-domain (Max Size 64) |

Command Mode: exec : Exec Mode

Command Path:

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
<fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD interface
bridge-domain WORD detail
```

show faults tenant interface bridge-domain first-hop-security binding-table

```
show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>] [severity <severity-value>]
[min-severity <severity-value>] [type <fault-type>] [cause <fault-value>] [last-minutes <NUMBER>] [last-hours
<NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
<YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD interface bridge-domain WORD first-hop-security
binding-table
```

Description: Show Bridge-domain Binding Table Information

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the bridge-domain (Max Size 64) |

Command Mode: exec : Exec Mode

Command Path:

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
<fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD interface
bridge-domain WORD first-hop-security binding-table
```

show faults tenant interface bridge-domain first-hop-security statistics arp

```
show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>] [severity <severity-value>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause <fault-value>] [last-minutes <NUMBER>] [last-hours
<NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
<YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD interface bridge-domain WORD first-hop-security
statistics arp
```

Description: Show Bridge-domain First Hop Security ARP Statistics

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the bridge-domain (Max Size 64) |

Command Mode: exec : Exec Mode

Command Path:

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
<fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD interface
bridge-domain WORD first-hop-security statistics arp
```

show faults tenant interface bridge-domain first-hop-security statistics dhcpv4

```
show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>] [severity <severity-value>]
[min-severity <severity-value>] [type <fault-type>] [cause <fault-value>] [last-minutes <NUMBER>] [last-hours
<NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
<YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD interface bridge-domain WORD first-hop-security
statistics dhcpv4
```

Description: Show Bridge-domain First Hop Security DHCPv4 Statistics

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the bridge-domain (Max Size 64) |

Command Mode: exec : Exec Mode

Command Path:

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
<fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD interface
bridge-domain WORD first-hop-security statistics dhcpv4
```


show faults tenant interface bridge-domain first-hop-security statistics dhcpv6

```
show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>] [severity <severity-value>]
[min-severity <severity-value>] [type <fault-type>] [cause <fault-value>] [last-minutes <NUMBER>] [last-hours
<NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
<YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD interface bridge-domain WORD first-hop-security
statistics dhcpv6
```

Description: Show Bridge-domain First Hop Security DHCPv6 Statistics

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the bridge-domain (Max Size 64) |

Command Mode: exec : Exec Mode

Command Path:

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
<fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD interface
bridge-domain WORD first-hop-security statistics dhcpv6
```

show faults tenant interface bridge-domain first-hop-security statistics neighbor-discovery

```
show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>] [severity <severity-value>]
[min-severity <severity-value>] [type <fault-type>] [cause <fault-value>] [last-minutes <NUMBER>] [last-hours
<NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
<YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD interface bridge-domain WORD first-hop-security
statistics neighbor-discovery
```

Description: Show Bridge-domain First Hop Security Neighbor Discovery Statistics

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the bridge-domain (Max Size 64) |

Command Mode: exec : Exec Mode

Command Path:

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
<fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD interface
bridge-domain WORD first-hop-security statistics neighbor-discovery
```

show faults tenant multicast-route-maps

show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>] [severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause <fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant **WORD** multicast-route-maps

Description: Show multicast route-maps per Tenant

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
|-------------|---|

Command Mode: exec : Exec Mode

Command Path:

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
 [severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
 <fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
 <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD
 multicast-route-maps
```

show faults tenant vrf

show faults [*history*] [*code* <fault-code>] [*id* <fault-ID>] [*ack* <yes|no>] [*lc* <lc-state>] [*severity* <severity-value>] [*min-severity* <severity-value>] [*type* <fault-type>] [*cause* <fault-value>] [*last-minutes* <NUMBER>] [*last-hours* <NUMBER>] [*last-days* <NUMBER>] [*start-time* <YYYY-MM-DDTHR:MIN:SEC>] [*end-time* <YYYY-MM-DDTHR:MIN:SEC>] [*detail*] *tenant* **WORD** *vrf* **WORD**

Description: Show VRF Information

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the VRF to filter on (Max Size 64) |

Command Mode: exec : Exec Mode

Command Path:

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
  [severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
<fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD vrf WORD
```

show faults tenant vrf acllog l2

```
show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>] [severity <severity-value>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause <fault-value>] [last-minutes <NUMBER>] [last-hours
<NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
<YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD vrf WORD acllog <permitDrop> l2 flow vlan <NUMBER>
srcintf <srcintf>
```

Description: L2 flow stats

Syntax:

| | |
|-------------------|--|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the VRF to filter on (Max Size 64) |
| <i>permitDrop</i> | permitDrop |
| flow | flowi stats |
| vlan | vlan info |
| <vlan> | <vlan>. Number range from=0 to=9223372036854775807 |
| srcintf | source interface |
| <srcintf> | <srcintf> |

Command Mode: exec : Exec Mode

Command Path:

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
<fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD vrf WORD
acllog <permitDrop> l2 flow vlan <NUMBER> srcintf <srcintf>
```

show faults tenant vrf aclog l3

```
show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>] [severity <severity-value>]
[min-severity <severity-value>] [type <fault-type>] [cause <fault-value>] [last-minutes <NUMBER>] [last-hours
<NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
<YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD vrf WORD aclog <permitDrop> l3 flow srcpctag
<srcpctag> dstpctag <dstpctag> srcepname <srcepname> dstepname <dstepname> srcip <A.B.C.D or
A:B::C:D> dstip <A.B.C.D or A:B::C:D> proto <proto> srcport <srcport> dstport <dstport> srcintf <srcintf>
```

Description: L3 flow stats

Syntax:

| | |
|----------------------------|--|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the VRF to filter on (Max Size 64) |
| <i>permitDrop</i> | permitDrop |
| flow | flow stats |
| srcpctag | source pc tag |
| < <i>srcpctag</i> > | <srcpctag> |
| dstpctag | destination pc tag |
| < <i>dstpctag</i> > | <dstpctag> |
| srcepname | source epg name |
| < <i>srcepname</i> > | <srcepname> |
| dstepname | destination epg name |
| < <i>dstepname</i> > | <dstepname> |
| srcip | source ip |
| <i>A.B.C.D or A:B::C:D</i> | IP address in format i.i.i.i or IPv6 address in format xxxx:xxxx, xxxx::xx |
| dstip | destination ip |
| <i>A.B.C.D or A:B::C:D</i> | IP address in format i.i.i.i or IPv6 address in format xxxx:xxxx, xxxx::xx |
| proto | protocol |
| < <i>proto</i> > | <proto> |
| srcport | source port |
| < <i>srcport</i> > | <srcport> |
| dstport | destination port |

| | |
|------------------------|------------------------|
| <i><dstport></i> | <i><dstport></i> |
| srcintf | source interface |
| <i><srcintf></i> | <i><srcintf></i> |

Command Mode: exec : Exec Mode

Command Path:

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
<fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD vrf WORD
acllog <permitDrop> l3 flow srcpctag <srcpctag> dstpctag <dstpctag> srcepname <srcepname>
dstepname <dstepname> srcip <A.B.C.D or A:B::C:D> dstip <A.B.C.D or A:B::C:D> proto
<proto> srcport <srcport> dstport <dstport> srcintf <srcintf>
```

show faults tenant vrf detail

show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>] [severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause <fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD vrf WORD detail

Description: Show detailed view of VRF

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the VRF to filter on (Max Size 64) |

Command Mode: exec : Exec Mode

Command Path:

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
<fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD vrf WORD
detail
```


show faults tenant vrf external-l3 bgp

show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>] [severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause <fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant **WORD** vrf **WORD** external-l3 bgp

Description: Show command for BGP peers

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the VRF to filter on (Max Size 64) |

Command Mode: exec : Exec Mode

Command Path:

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
<fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD vrf WORD
external-l3 bgp
```

show faults tenant vrf external-l3 bgp node

show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>] [severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause <fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD vrf WORD external-l3 bgp node <101-4000>

Description: node to filter on

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the VRF to filter on (Max Size 64) |
| <101-4000> | Leaf Range or Leaf Name List |

Command Mode: exec : Exec Mode

Command Path:

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
 [severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
 <fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
 <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD vrf WORD
 external-l3 bgp node <101-4000>
```

show faults tenant vrf external-l3 eigrp

show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>] [severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause <fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant **WORD** vrf **WORD** external-l3 eigrp

Description: Show external l3 EIGRP

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the VRF to filter on (Max Size 64) |

Command Mode: exec : Exec Mode

Command Path:

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
<fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD vrf WORD
external-l3 eigrp
```

show faults tenant vrf external-l3 eigrp detail

show faults [**history**] [**code** <fault-code>] [**id** <fault-ID>] [**ack** <yes|no>] [**lc** <lc-state>] [**severity** <severity-value>] [**min-severity** <severity-value>] [**type** <fault-type>] [**cause** <fault-value>] [**last-minutes** <NUMBER>] [**last-hours** <NUMBER>] [**last-days** <NUMBER>] [**start-time** <YYYY-MM-DDTHR:MIN:SEC>] [**end-time** <YYYY-MM-DDTHR:MIN:SEC>] [**detail**] **tenant** WORD **vrf** WORD **external-l3 eigrp detail**

Description: Show interanl details

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the VRF to filter on (Max Size 64) |

Command Mode: exec : Exec Mode

Command Path:

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
<fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD vrf WORD
external-l3 eigrp detail
```

show faults tenant vrf external-l3 epg

```
show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>] [severity <severity-value>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause <fault-value>] [last-minutes <NUMBER>] [last-hours
<NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
<YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD vrf WORD external-l3 epg <epgName>
```

Description: Show command for external-l3 epgs

Syntax:

| | |
|------------------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the VRF to filter on (Max Size 64) |
| <i><epgName></i> | Name of the EPG to filter on |

Command Mode: exec : Exec Mode

Command Path:

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
<fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD vrf WORD
external-l3 epg <epgName>
```

show faults tenant vrf external-l3 epg detail

show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>] [severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause <fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD vrf WORD external-l3 epg <epgName> detail

Description: external-l3 epg in detail with operational status

Syntax:

| | |
|------------------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the VRF to filter on (Max Size 64) |
| <i><epgName></i> | Name of the EPG to filter on |

Command Mode: exec : Exec Mode

Command Path:

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
<fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD vrf WORD
external-l3 epg <epgName> detail
```

show faults tenant vrf external-l3 epg name

```
show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>] [severity <severity-value>]
[min-severity <severity-value>] [type <fault-type>] [cause <fault-value>] [last-minutes <NUMBER>] [last-hours
<NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
<YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD vrf WORD external-l3 epg <epgName> name <epgName>
```

Description: EPG name to filter on

Syntax:

| | |
|------------------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the VRF to filter on (Max Size 64) |
| <i><epgName></i> | Name of the EPG to filter on |
| <i><epgName></i> | Name of the EPG to filter on |

Command Mode: exec : Exec Mode

Command Path:

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
<fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD vrf WORD
external-l3 epg <epgName> name <epgName>
```

show faults tenant vrf external-l3 epg name detail

```
show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>] [severity <severity-value>]
[min-severity <severity-value>] [type <fault-type>] [cause <fault-value>] [last-minutes <NUMBER>] [last-hours
<NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
<YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD vrf WORD external-l3 epg <epgName> name <epgName>
detail
```

Description: external-l3 epg in detail with operational status

Syntax:

| | |
|------------------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the VRF to filter on (Max Size 64) |
| <i><epgName></i> | Name of the EPG to filter on |
| <i><epgName></i> | Name of the EPG to filter on |

Command Mode: exec : Exec Mode

Command Path:

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
<fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD vrf WORD
external-l3 epg <epgName> name <epgName> detail
```


show faults tenant vrf external-l3 interfaces

show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>] [severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause <fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant **WORD** vrf **WORD** external-l3 interfaces

Description: Show tenant <tenant> vrf <vrf> external l3 interfaces

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the VRF to filter on (Max Size 64) |

Command Mode: exec : Exec Mode

Command Path:

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
<fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD vrf WORD
external-l3 interfaces
```

show faults tenant vrf external-l3 interfaces detail

show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>] [severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause <fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant *WORD* vrf *WORD* external-l3 interfaces detail

Description: Show interfaces details

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the VRF to filter on (Max Size 64) |

Command Mode: exec : Exec Mode

Command Path:

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
<fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD vrf WORD
external-l3 interfaces detail
```

show faults tenant vrf external-l3 ospf

show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>] [severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause <fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant **WORD** vrf **WORD** external-l3 ospf

Description: Show command for IPv4 and IPv6 external l3 OSPF configuration

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the VRF to filter on (Max Size 64) |

Command Mode: exec : Exec Mode

Command Path:

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
<fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD vrf WORD
external-l3 ospf
```

show faults tenant vrf external-l3 ospf detail

show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>] [severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause <fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD vrf WORD external-l3 ospf detail

Description: Show internal details

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the VRF to filter on (Max Size 64) |

Command Mode: exec : Exec Mode

Command Path:

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
<fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD vrf WORD
external-l3 ospf detail
```

show faults tenant vrf external-l3 scale

show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>] [severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause <fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant **WORD** vrf **WORD** external-l3 scale

Description: scale command

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the VRF to filter on (Max Size 64) |

Command Mode: exec : Exec Mode

Command Path:

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
<fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD vrf WORD
external-l3 scale
```

show faults tenant vrf external-l3 scale detail

show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>] [severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause <fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant **WORD** vrf **WORD** external-l3 scale detail

Description: Show scale details

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the VRF to filter on (Max Size 64) |

Command Mode: exec : Exec Mode

Command Path:

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
<fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD vrf WORD
external-l3 scale detail
```

show faults tenant vrf external-l3 static-route

```
show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>] [severity <severity-value>]
[min-severity <severity-value>] [type <fault-type>] [cause <fault-value>] [last-minutes <NUMBER>] [last-hours
<NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
<YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD vrf WORD external-l3 static-route
```

Description: Show command for external-l3 static routes

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the VRF to filter on (Max Size 64) |

Command Mode: exec : Exec Mode

Command Path:

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
<fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD vrf WORD
external-l3 static-route
```

show faults tenant vrf external-l3 static-route detail

show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>] [severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause <fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD vrf WORD external-l3 static-route detail

Description: static-route in detail with operational status

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the VRF to filter on (Max Size 64) |

Command Mode: exec : Exec Mode

Command Path:

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
<fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD vrf WORD
external-l3 static-route detail
```


show faults tenant vrf external-l3 static-route node

```
show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>] [severity <severity-value>]
[min-severity <severity-value>] [type <fault-type>] [cause <fault-value>] [last-minutes <NUMBER>] [last-hours
<NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
<YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD vrf WORD external-l3 static-route node
```

Description: node to filter on

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the VRF to filter on (Max Size 64) |
| <i>arg</i> | Leaf Range or Leaf Name List |

Command Mode: exec : Exec Mode

Command Path:

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
<fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD vrf WORD
external-l3 static-route node
```

show faults tenant vrf external-l3 static-route node detail

show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>] [severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause <fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD vrf WORD external-l3 static-route node detail

Description: static-route in detail with operational status

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the VRF to filter on (Max Size 64) |
| <i>arg</i> | Leaf Range or Leaf Name List |

Command Mode: exec : Exec Mode

Command Path:

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
 [severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
 <fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
 <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD vrf WORD
 external-l3 static-route node detail
```

show faults tenant vrf multicast

show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>] [severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause <fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant **WORD** vrf **WORD** multicast

Description: Show multicast configuration per VRF

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the VRF to filter on (Max Size 64) |

Command Mode: exec : Exec Mode

Command Path:

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
<fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] tenant WORD vrf WORD
multicast
```

show faults vmware domain

show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>] [severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause <fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] vmware domain

Description: Show VMware domain information

Command Mode: exec : Exec Mode

Command Path:

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
<fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] vmware domain
```

show faults vmware domain name

```
show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>] [severity <severity-value>]
[min-severity <severity-value>] [type <fault-type>] [cause <fault-value>] [last-minutes <NUMBER>] [last-hours
<NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
<YYYY-MM-DDTHR:MIN:SEC>] [detail] vmware domain name <name>
```

Description: VMware domain name

Syntax:

| | |
|--------|--------------------|
| <name> | VMware domain name |
|--------|--------------------|

Command Mode: exec : Exec Mode

Command Path:

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
<fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] vmware domain name
<name>
```

show faults vmware domain name epg

```
show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>] [severity <severity-value>]
[min-severity <severity-value>] [type <fault-type>] [cause <fault-value>] [last-minutes <NUMBER>] [last-hours
<NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
<YYYY-MM-DDTHR:MIN:SEC>] [detail] vmware domain name <name> epg
```

Description: Show VMware domain EPG details

Syntax:

| | |
|--------|--------------------|
| <name> | VMware domain name |
|--------|--------------------|

Command Mode: exec : Exec Mode

Command Path:

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
<fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] vmware domain name
<name> epg
```

show faults vmware domain name esx

```
show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>] [severity <severity-value>]
[min-severity <severity-value>] [type <fault-type>] [cause <fault-value>] [last-minutes <NUMBER>] [last-hours
<NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
<YYYY-MM-DDTHR:MIN:SEC>] [detail] vmware domain name <name> esx <esx-ip>
```

Description: Show VMware ESX information

Syntax:

| | |
|----------|--------------------|
| <name> | VMware domain name |
| <esx-ip> | ESX IP |

Command Mode: exec : Exec Mode

Command Path:

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
<fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] vmware domain name
<name> esx <esx-ip>
```

show faults vmware domain name port-group

show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>] [severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause <fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] vmware domain name <name> port-group

Description: Show VMware port group information

Syntax:

| | |
|--------|--------------------|
| <name> | VMware domain name |
|--------|--------------------|

Command Mode: exec : Exec Mode

Command Path:

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
  [severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
<fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] vmware domain name
<name> port-group
```


show faults vmware domain name trunk-portgroup

```
show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>] [severity <severity-value>]
[min-severity <severity-value>] [type <fault-type>] [cause <fault-value>] [last-minutes <NUMBER>] [last-hours
<NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
<YYYY-MM-DDTHR:MIN:SEC>] [detail] vmware domain name <name> trunk-portgroup [name <name>]
```

Description: Show VMware domain trunk portgroup details

Syntax:

| | |
|--------|---------------------------------|
| <name> | VMware domain name |
| <name> | (Optional) trunk portgroup name |

Command Mode: exec : Exec Mode

Command Path:

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
<fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] vmware domain name
<name> trunk-portgroup [name <name>]
```

show faults vmware domain name vcenter

show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>] [severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause <fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] vmware domain name <name> vcenter <hostname|ip>

Description: VMware vCenter ip or hostname

Syntax:

| | |
|---------------|------------------------|
| <name> | VMware domain name |
| <hostname ip> | vCenter hostname or IP |

Command Mode: exec : Exec Mode

Command Path:

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
<fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] vmware domain name
<name> vcenter <hostname|ip>
```

show faults vmware domain name vm

```
show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>] [severity <severity-value>]
[min-severity <severity-value>] [type <fault-type>] [cause <fault-value>] [last-minutes <NUMBER>] [last-hours
<NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time
<YYYY-MM-DDTHR:MIN:SEC>] [detail] vmware domain name <name> vm
```

Description: Show VMware VM information

Syntax:

| | |
|--------|--------------------|
| <name> | VMware domain name |
|--------|--------------------|

Command Mode: exec : Exec Mode

Command Path:

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
<fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] vmware domain name
<name> vm
```

show faults vmware domain name vm name

show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>] [severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause <fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] vmware domain name <name> vm name <vm-name>

Description: Show detailed VMware VM information

Syntax:

| | |
|-----------|--------------------|
| <name> | VMware domain name |
| <vm-name> | VM Name |

Command Mode: exec : Exec Mode

Command Path:

```
# show faults [history] [code <fault-code>] [id <fault-ID>] [ack <yes|no>] [lc <lc-state>]
[severity <severity-value>] [min-severity <severity-value>] [type <fault-type>] [cause
<fault-value>] [last-minutes <NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] vmware domain name
<name> vm name <vm-name>
```

show fips

show fips

Description: Show FIPS information

Command Mode: exec : Exec Mode

Command Path:

```
# show fips
```

show fips status

show fips status

Description: Show FIPS status

Command Mode: exec : Exec Mode

Command Path:

```
# show fips status
```

show firmware repository

show firmware repository

Description: Show firmware images present in repository

Command Mode: exec : Exec Mode

Command Path:

```
# show firmware repository
```

show firmware repository detail

show firmware repository detail

Description: Detailed repository information

Command Mode: exec : Exec Mode

Command Path:

```
# show firmware repository detail
```


show firmware upgrade status

show firmware upgrade status

Description: Upgrade status of all controllers and switches

Command Mode: exec : Exec Mode

Command Path:

```
# show firmware upgrade status
```

show firmware upgrade status controller-group

show firmware upgrade status controller-group

Description: Controller-group upgrade status

Command Mode: exec : Exec Mode

Command Path:

```
# show firmware upgrade status controller-group
```

show firmware upgrade status controller-group detail

show firmware upgrade status controller-group detail

Description: Detailed upgrade status

Command Mode: exec : Exec Mode

Command Path:

```
# show firmware upgrade status controller-group detail
```

show firmware upgrade status detail

show firmware upgrade status detail

Description: Detailed upgrade status information

Command Mode: exec : Exec Mode

Command Path:

```
# show firmware upgrade status detail
```

show firmware upgrade status switch-group

show firmware upgrade status switch-group <WORD>

Description: Switch-group upgrade status

Syntax:

| | |
|-------------|---------------------------------|
| <i>WORD</i> | switch-group name (Max Size 64) |
|-------------|---------------------------------|

Command Mode: exec : Exec Mode

Command Path:

```
# show firmware upgrade status switch-group <WORD>
```

show firmware upgrade status switch-group detail

show firmware upgrade status switch-group <WORD> detail

Description: Detailed upgrade status

Syntax:

| | |
|-------------|---------------------------------|
| <i>WORD</i> | switch-group name (Max Size 64) |
|-------------|---------------------------------|

Command Mode: exec : Exec Mode

Command Path:

```
# show firmware upgrade status switch-group <WORD> detail
```

show flow exporter

show flow exporter

Description: Show Netflow exporter information

Command Mode: exec : Exec Mode

Command Path:

```
# show flow exporter
```

show flow exporter infra

show flow exporter infra WORD [detail]

Description: Show flow exporter infra information

Syntax:

| | |
|-------------|-------------------|
| <i>WORD</i> | Exporter Name |
| detail | (Optional) detail |

Command Mode: exec : Exec Mode

Command Path:

```
# show flow exporter infra WORD [detail]
```


show flow exporter tenant

show flow exporter tenant <WORD> WORD [detail]

Description: Show flow exporter tenant information

Syntax:

| | |
|-------------|----------------------|
| <i>WORD</i> | Optional tenant name |
| <i>WORD</i> | Exporter Name |
| detail | (Optional) detail |

Command Mode: exec : Exec Mode

Command Path:

```
# show flow exporter tenant <WORD> WORD [detail]
```

show flow monitor

show flow monitor

Description: Show Netflow Monitor Information

Command Mode: exec : Exec Mode

Command Path:

```
# show flow monitor
```

show flow monitor infra

show flow monitor infra WORD [detail]

Description: Show Netflow Monitor Information for infra

Syntax:

| | |
|-------------|-----------------------|
| <i>WORD</i> | Optional Monitor Name |
| detail | (Optional) detail |

Command Mode: exec : Exec Mode

Command Path:

```
# show flow monitor infra WORD [detail]
```

show flow monitor tenant

show flow monitor tenant <WORD> WORD [detail]

Description: Show Netflow Monitor Information for the specified tenant

Syntax:

| | |
|-------------|-----------------------|
| <i>WORD</i> | Specify tenant name |
| <i>WORD</i> | Optional Monitor Name |
| detail | (Optional) detail |

Command Mode: exec : Exec Mode

Command Path:

```
# show flow monitor tenant <WORD> WORD [detail]
```

show flow node-policy

show flow node-policy [name <WORD>]

Description: Show Netflow Node Policy Information

Syntax:

| | |
|-------------|--------------------------------------|
| <i>WORD</i> | (Optional) Optional Node Policy Name |
|-------------|--------------------------------------|

Command Mode: exec : Exec Mode

Command Path:

```
# show flow node-policy [name <WORD>]
```

show flow node-policy detail

show flow node-policy [name <WORD>] detail

Description: Show Netflow Node Policy Detailed Information

Syntax:

| | |
|-------------|--------------------------------------|
| <i>WORD</i> | (Optional) Optional Node Policy Name |
|-------------|--------------------------------------|

Command Mode: exec : Exec Mode

Command Path:

```
# show flow node-policy [name <WORD>] detail
```

show flow record

show flow record

Description: Show Netflow record information

Command Mode: exec : Exec Mode

Command Path:

```
# show flow record
```

show flow record infra

show flow record infra WORD [detail]

Description: Show flow record infra information

Syntax:

| | |
|-------------|-------------------|
| <i>WORD</i> | Record Name |
| detail | (Optional) detail |

Command Mode: exec : Exec Mode

Command Path:

```
# show flow record infra WORD [detail]
```


show flow record tenant

show flow record tenant [**record-name** <recordName>] <tenantName> **WORD** [detail]

Description: Show flow record tenant information

Syntax:

| | |
|-------------------|---------------------------------|
| <i>recordName</i> | (Optional) Optional record name |
| <i>tenantName</i> | Optional tenant name |
| <i>WORD</i> | Record Name |
| detail | (Optional) detail |

Command Mode: exec : Exec Mode

Command Path:

```
# show flow record tenant [record-name <recordName>] <tenantName> WORD [detail]
```

show flow vm-exporter

show flow vm-exporter WORD

Description: Show NetFlow Exporter information for VM Networking

Syntax:

| | |
|-------------|-----------------------|
| <i>WORD</i> | NetFlow Exporter Name |
|-------------|-----------------------|

Command Mode: exec : Exec Mode

Command Path:

```
# show flow vm-exporter WORD
```

show health

show health [**history**] [**min-change** <NUMBER>] [**max-hs** <NUMBER>] [**start-time** start-time <YYYY-MM-DDTHR:MIN:SEC>] [**end-time** end-time <YYYY-MM-DDTHR:MIN:SEC>] <scope>

Description: Show health score information

Syntax:

| | |
|--|--|
| history | (Optional) Historical information |
| <i>min-change</i> <percentage change> | (Optional) Minimum change in health score percentage. Number range from=-100 to=9999 |
| <i>max-hs</i> <maximum health-score> | (Optional) Maximum health score. Number range from=0 to=100 |
| <i>start-time</i> <YYYY-MM-DDTHR:MIN:SEC> | (Optional) Health activity in time interval |
| <i>end-time</i> <YYYY-MM-DDTHR:MIN:SEC> | (Optional) Health activity in time interval |
| <scope> | command scope |

Command Mode: exec : Exec Mode

Command Path:

```
# show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time end-time <YYYY-MM-DDTHR:MIN:SEC>] <scope>
```

show health leaf

show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] leaf <leafId>

Description: Show command for leaf

Syntax:

| | |
|----------|---------|
| <leafId> | Leaf id |
|----------|---------|

Command Mode: exec : Exec Mode

Command Path:

```
# show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time  
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] leaf <leafId>
```

show health leaf fex

show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] leaf <leafId> fex <fexNum>

Description: Show extended chassis information

Syntax:

| | |
|----------|----------------------|
| <leafId> | Leaf id |
| <fexNum> | pls enter fex number |

Command Mode: exec : Exec Mode

Command Path:

```
# show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time  
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] leaf <leafId> fex <fexNum>
```

show health leaf fex module

show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] leaf <leafId> fex <fexNum> module <lcSlot>

Description: Show inventory module information

Syntax:

| | |
|----------|--------------------------------|
| <leafId> | Leaf id |
| <fexNum> | pls enter fex number |
| <lcSlot> | please enter the module number |

Command Mode: exec : Exec Mode

Command Path:

```
# show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] leaf <leafId> fex <fexNum>
module <lcSlot>
```

show health leaf interface ethernet

show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] leaf <leafId> interface ethernet <phyInt>

Description: Ethernet IEEE 802.3z

Syntax:

| | |
|----------|--|
| <leafId> | Leaf id |
| <phyInt> | <slot or chassis-number/port or slot number> |

Command Mode: exec : Exec Mode

Command Path:

```
# show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time  
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] leaf <leafId> interface ethernet  
<phyInt>
```

show health leaf interface fc

show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] leaf <leafId> interface fc <phyInt>

Description: Fibre Channel Protocol

Syntax:

| | |
|----------|--|
| <leafId> | Leaf id |
| <phyInt> | <slot or chassis-number/port or slot number> |

Command Mode: exec : Exec Mode

Command Path:

```
# show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] leaf <leafId> interface fc
<phyInt>
```


show health leaf interface fcportchannel

show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] leaf <leafId> interface fcportchannel <portChan>

Description: FC Port channel interface

Syntax:

| | |
|------------|-----------------------|
| <leafId> | Leaf id |
| <portChan> | <Port channel number> |

Command Mode: exec : Exec Mode

Command Path:

```
# show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time  
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] leaf <leafId> interface  
fcportchannel <portChan>
```

show health leaf interface l3instance

show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] leaf <leafId> interface l3instance <l3Inst>

Description: L3 instance

Syntax:

| | |
|----------|----------------------|
| <leafId> | Leaf id |
| <l3Inst> | <L3 instance number> |

Command Mode: exec : Exec Mode

Command Path:

```
# show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] leaf <leafId> interface l3instance
<l3Inst>
```

show health leaf interface mgmt

show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] leaf <leafId> interface mgmt <mgmtPort>

Description: Management interface

Syntax:

| | |
|------------|-------------------------------|
| <leafId> | Leaf id |
| <mgmtPort> | <Management interface number> |

Command Mode: exec : Exec Mode

Command Path:

```
# show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time  
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] leaf <leafId> interface mgmt  
<mgmtPort>
```

show health leaf interface portchannel

show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] leaf <leafId> interface portchannel <portChan>

Description: Port channel interface

Syntax:

| | |
|------------|-----------------------|
| <leafId> | Leaf id |
| <portChan> | <Port channel number> |

Command Mode: exec : Exec Mode

Command Path:

```
# show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] leaf <leafId> interface
portchannel <portChan>
```

show health leaf interface tunnel

show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] leaf <leafId> interface tunnel <tunnelPort>

Description: Tunnel Interface

Syntax:

| | |
|---------------------------|---------------------------|
| <i><leafId></i> | Leaf id |
| <i><tunnelPort></i> | <Tunnel interface number> |

Command Mode: exec : Exec Mode

Command Path:

```
# show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time  
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] leaf <leafId> interface tunnel  
<tunnelPort>
```

show health leaf interface vethernet

show health [*history*] [*min-change* <NUMBER>] [*max-hs* <NUMBER>] [*start-time* <YYYY-MM-DDTHR:MIN:SEC>] [*end-time* <YYYY-MM-DDTHR:MIN:SEC>] leaf <leafId> interface vethernet <phyInt>

Description: vethernet ID

Syntax:

| | |
|----------|--|
| <leafId> | Leaf id |
| <phyInt> | <slot or chassis-number/port or slot number> |

Command Mode: exec : Exec Mode

Command Path:

```
# show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] leaf <leafId> interface vethernet
<phyInt>
```

show health leaf inventory chassis

show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] leaf <leafId> inventory chassis

Description: Show inventory chassis information

Syntax:

| | |
|----------|---------|
| <leafId> | Leaf id |
|----------|---------|

Command Mode: exec : Exec Mode

Command Path:

```
# show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time  
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] leaf <leafId> inventory chassis
```

show health leaf inventory fans

show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] leaf <leafId> inventory fans <ftSlot>

Description: Show inventory fan information

Syntax:

| | |
|----------|---------------------------|
| <leafId> | Leaf id |
| <ftSlot> | pls enter fan tray number |

Command Mode: exec : Exec Mode

Command Path:

```
# show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] leaf <leafId> inventory fans
<ftSlot>
```


show health leaf inventory module

show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] leaf <leafId> inventory module <lcSlot>

Description: Show inventory module information

Syntax:

| | |
|----------|--------------------------------|
| <leafId> | Leaf id |
| <lcSlot> | please enter the module number |

Command Mode: exec : Exec Mode

Command Path:

```
# show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] leaf <leafId> inventory module
<lcSlot>
```

show health leaf inventory module fabricport

show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] leaf <leafId> inventory module <lcSlot> fabricport <fabPort>

Description: Show information for fabric port

Syntax:

| | |
|-----------|----------------------------------|
| <leafId> | Leaf id |
| <lcSlot> | please enter the module number |
| <fabPort> | pls enter the fabric port number |

Command Mode: exec : Exec Mode

Command Path:

```
# show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] leaf <leafId> inventory module
<lcSlot> fabricport <fabPort>
```

show health leaf inventory module leafport

show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] leaf <leafId> inventory module <lcSlot> leafport <leafPort>

Description: Show information for leaf port

Syntax:

| | |
|------------|--------------------------------|
| <leafId> | Leaf id |
| <lcSlot> | please enter the module number |
| <leafPort> | pls enter the leaf port number |

Command Mode: exec : Exec Mode

Command Path:

```
# show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] leaf <leafId> inventory module
<lcSlot> leafport <leafPort>
```

show health leaf inventory powersupply

show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] leaf <leafId> inventory powersupply <psuSlot>

Description: Show inventory power supply information

Syntax:

| | |
|-----------|----------------------------------|
| <leafId> | Leaf id |
| <psuSlot> | pls enter the powersupply number |

Command Mode: exec : Exec Mode

Command Path:

```
# show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] leaf <leafId> inventory
powersupply <psuSlot>
```

show health leaf inventory supervisor

show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] leaf <leafId> inventory supervisor <supMod>

Description: Show information for supervisor module

Syntax:

| | |
|----------|--|
| <leafId> | Leaf id |
| <supMod> | pls enter the supervisor module number |

Command Mode: exec : Exec Mode

Command Path:

```
# show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time  
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] leaf <leafId> inventory supervisor  
<supMod>
```

show health leaf protocol

show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] leaf <leafId> protocol <protName>

Description: Show command for protocol

Syntax:

| | |
|------------|---------------|
| <leafId> | Leaf id |
| <protName> | Protocol name |

Command Mode: exec : Exec Mode

Command Path:

```
# show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] leaf <leafId> protocol <protName>
```

show health leaf vpc

show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] leaf <leafId> vpc <vpcPort>

Description: Virtual port channel information

Syntax:

| | |
|-----------|---------------------------------------|
| <leafId> | Leaf id |
| <vpcPort> | pls enter virtual port channel number |

Command Mode: exec : Exec Mode

Command Path:

```
# show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time  
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] leaf <leafId> vpc <vpcPort>
```

show health leaf vrf

show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] leaf <leafId> vrf <vrfPort>

Description: Vrf information

Syntax:

| | |
|-----------|--------------------|
| <leafId> | Leaf id |
| <vrfPort> | pls enter vrf name |

Command Mode: exec : Exec Mode

Command Path:

```
# show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] leaf <leafId> vrf <vrfPort>
```


show health spine

show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] spine <leafId>

Description: Show command for spine

Syntax:

| | |
|----------|---------|
| <leafId> | Leaf id |
|----------|---------|

Command Mode: exec : Exec Mode

Command Path:

```
# show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] spine <leafId>
```

show health spine interface ethernet

show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] spine <leafId> interface ethernet <phyInt>

Description: Ethernet IEEE 802.3z

Syntax:

| | |
|----------|--|
| <leafId> | Leaf id |
| <phyInt> | <slot or chassis-number/port or slot number> |

Command Mode: exec : Exec Mode

Command Path:

```
# show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] spine <leafId> interface ethernet
<phyInt>
```

show health spine interface l3instance

```
show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>]
[end-time <YYYY-MM-DDTHR:MIN:SEC>] spine <leafId> interface l3instance <l3Inst>
```

Description: L3 instance

Syntax:

| | |
|-----------------------|----------------------|
| <i><leafId></i> | Leaf id |
| <i><l3Inst></i> | <L3 instance number> |

Command Mode: exec : Exec Mode

Command Path:

```
# show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] spine <leafId> interface
l3instance <l3Inst>
```

show health spine interface mgmt

show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] spine <leafId> interface mgmt <mgmtPort>

Description: Management interface

Syntax:

| | |
|------------|-------------------------------|
| <leafId> | Leaf id |
| <mgmtPort> | <Management interface number> |

Command Mode: exec : Exec Mode

Command Path:

```
# show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] spine <leafId> interface mgmt
<mgmtPort>
```

show health spine interface tunnel

show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] spine <leafId> interface tunnel <tunnelPort>

Description: Tunnel Interface

Syntax:

| | |
|--------------|---------------------------|
| <leafId> | Leaf id |
| <tunnelPort> | <Tunnel interface number> |

Command Mode: exec : Exec Mode

Command Path:

```
# show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time  
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] spine <leafId> interface tunnel  
<tunnelPort>
```

show health spine inventory chassis

show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] spine <leafId> inventory chassis

Description: Show inventory chassis information

Syntax:

| | |
|----------|---------|
| <leafId> | Leaf id |
|----------|---------|

Command Mode: exec : Exec Mode

Command Path:

```
# show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] spine <leafId> inventory chassis
```

show health spine inventory fabric

show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] spine <leafId> inventory fabric <fcMod>

Description: Show information for fabric module

Syntax:

| | |
|----------|------------------------------------|
| <leafId> | Leaf id |
| <fcMod> | pls enter the fabric module number |

Command Mode: exec : Exec Mode

Command Path:

```
# show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time  
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] spine <leafId> inventory fabric  
<fcMod>
```

show health spine inventory fans

show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] spine <leafId> inventory fans <ftSlot>

Description: Show inventory fan information

Syntax:

| | |
|----------|---------------------------|
| <leafId> | Leaf id |
| <ftSlot> | pls enter fan tray number |

Command Mode: exec : Exec Mode

Command Path:

```
# show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] spine <leafId> inventory fans
<ftSlot>
```


show health spine inventory module

show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] spine <leafId> inventory module <lcSlot>

Description: Show inventory module information

Syntax:

| | |
|----------|--------------------------------|
| <leafId> | Leaf id |
| <lcSlot> | please enter the module number |

Command Mode: exec : Exec Mode

Command Path:

```
# show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time  
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] spine <leafId> inventory module  
<lcSlot>
```

show health spine inventory module fabricport

show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] spine <leafId> inventory module <lcSlot> fabricport <fabPort>

Description: Show information for fabric port

Syntax:

| | |
|-----------|----------------------------------|
| <leafId> | Leaf id |
| <lcSlot> | please enter the module number |
| <fabPort> | pls enter the fabric port number |

Command Mode: exec : Exec Mode

Command Path:

```
# show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] spine <leafId> inventory module
<lcSlot> fabricport <fabPort>
```

show health spine inventory powersupply

show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] spine <leafId> inventory powersupply <psuSlot>

Description: Show inventory power supply information

Syntax:

| | |
|------------------------|----------------------------------|
| <i><leafId></i> | Leaf id |
| <i><psuSlot></i> | pls enter the powersupply number |

Command Mode: exec : Exec Mode

Command Path:

```
# show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time  
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] spine <leafId> inventory  
powersupply <psuSlot>
```

show health spine inventory supervisor

show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] spine <leafId> inventory supervisor <supMod>

Description: Show information for supervisor module

Syntax:

| | |
|----------|--|
| <leafId> | Leaf id |
| <supMod> | pls enter the supervisor module number |

Command Mode: exec : Exec Mode

Command Path:

```
# show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] spine <leafId> inventory
supervisor <supMod>
```

show health spine inventory system

show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] spine <leafId> inventory system <sysMod>

Description: Show information for system module

Syntax:

| | |
|----------|------------------------------------|
| <leafId> | Leaf id |
| <sysMod> | pls enter the system module number |

Command Mode: exec : Exec Mode

Command Path:

```
# show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] spine <leafId> inventory system
<sysMod>
```

show health spine protocol

show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] spine <leafId> protocol <protName>

Description: Show command for protocol

Syntax:

| | |
|------------|---------------|
| <leafId> | Leaf id |
| <protName> | Protocol name |

Command Mode: exec : Exec Mode

Command Path:

```
# show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time  
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] spine <leafId> protocol <protName>
```

show health spine vrf

show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] spine <leafId> vrf <vrfPort>

Description: Vrf information

Syntax:

| | |
|-----------|--------------------|
| <leafId> | Leaf id |
| <vrfPort> | pls enter vrf name |

Command Mode: exec : Exec Mode

Command Path:

```
# show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time  
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] spine <leafId> vrf <vrfPort>
```

show health tenant

show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] tenant **WORD**

Description: Show Tenants Information

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
|-------------|---|

Command Mode: exec : Exec Mode

Command Path:

```
# show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] tenant WORD
```


show health tenant application

show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] tenant WORD application WORD

Description: Show Application Profiles Information

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the application we eventually want to filter on (Max Size 64) |

Command Mode: exec : Exec Mode

Command Path:

```
# show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time  
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] tenant WORD application WORD
```

show health tenant application epg

show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] tenant WORD application WORD epg WORD

Description: Show Application EPG Information

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the application we eventually want to filter on (Max Size 64) |
| <i>WORD</i> | Name of the AEPG to filter on (Max Size 64) |

Command Mode: exec : Exec Mode

Command Path:

```
# show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] tenant WORD application WORD
epg WORD
```

show health tenant bridge-domain

show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] tenant WORD bridge-domain WORD

Description: Show Bridge-domain Information

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the bridge-domain (Max Size 64) |

Command Mode: exec : Exec Mode

Command Path:

```
# show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time  
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] tenant WORD bridge-domain WORD
```

show health tenant bridge-domain detail

show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] tenant **WORD** bridge-domain **WORD** detail

Description: Show Bridge-domain Detailed Information

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the bridge-domain (Max Size 64) |

Command Mode: exec : Exec Mode

Command Path:

```
# show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] tenant WORD bridge-domain WORD
detail
```

show health tenant bridge-domain first-hop-security binding-table

show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] tenant WORD bridge-domain WORD first-hop-security binding-table

Description: Show Bridge-domain Binding Table Information

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the bridge-domain (Max Size 64) |

Command Mode: exec : Exec Mode

Command Path:

```
# show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time  
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] tenant WORD bridge-domain WORD  
first-hop-security binding-table
```

show health tenant bridge-domain first-hop-security statistics arp

show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] tenant WORD bridge-domain WORD first-hop-security statistics arp

Description: Show Bridge-domain First Hop Security ARP Statistics

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the bridge-domain (Max Size 64) |

Command Mode: exec : Exec Mode

Command Path:

```
# show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] tenant WORD bridge-domain WORD
first-hop-security statistics arp
```

show health tenant bridge-domain first-hop-security statistics dhcpv4

```
show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>]
[end-time <YYYY-MM-DDTHR:MIN:SEC>] tenant WORD bridge-domain WORD first-hop-security statistics
dhcpv4
```

Description: Show Bridge-domain First Hop Security DHCPv4 Statistics

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the bridge-domain (Max Size 64) |

Command Mode: exec : Exec Mode

Command Path:

```
# show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] tenant WORD bridge-domain WORD
first-hop-security statistics dhcpv4
```

show health tenant bridge-domain first-hop-security statistics dhcpv6

show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] tenant WORD bridge-domain WORD first-hop-security statistics dhcpv6

Description: Show Bridge-domain First Hop Security DHCPv6 Statistics

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the bridge-domain (Max Size 64) |

Command Mode: exec : Exec Mode

Command Path:

```
# show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] tenant WORD bridge-domain WORD
first-hop-security statistics dhcpv6
```


show health tenant bridge-domain first-hop-security statistics neighbor-discovery

```
show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>]
[end-time <YYYY-MM-DDTHR:MIN:SEC>] tenant WORD bridge-domain WORD first-hop-security statistics
neighbor-discovery
```

Description: Show Bridge-domain First Hop Security Neighbor Discovery Statistics

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the bridge-domain (Max Size 64) |

Command Mode: exec : Exec Mode

Command Path:

```
# show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] tenant WORD bridge-domain WORD
first-hop-security statistics neighbor-discovery
```

show health tenant dnsservergroup

show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] tenant **WORD** dnsservergroup **WORD**

Description: Show Dns Server Group Information

Syntax:

| | |
|-------------|--|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the dns server group we eventually want to filter on (Max Size 16) |

Command Mode: exec : Exec Mode

Command Path:

```
# show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] tenant WORD dnsservergroup WORD
```

show health tenant dnsservergroup server

show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] tenant WORD dnsservergroup WORD server WORD

Description: Show Dns Server Information

Syntax:

| | |
|-------------|--|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the dns server group we eventually want to filter on (Max Size 16) |
| <i>WORD</i> | IP of server we eventually want to filter on (Max Size None) |

Command Mode: exec : Exec Mode

Command Path:

```
# show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] tenant WORD dnsservergroup WORD
server WORD
```

show health tenant dnsservergroup server domain

show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] tenant WORD dnsservergroup WORD server WORD domain WORD

Description: Show Dns Domain Information

Syntax:

| | |
|-------------|--|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the dns server group we eventually want to filter on (Max Size 16) |
| <i>WORD</i> | IP of server we eventually want to filter on (Max Size None) |
| <i>WORD</i> | Domain we eventually want to filter on (Max Size 512) |

Command Mode: exec : Exec Mode

Command Path:

```
# show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] tenant WORD dnsservergroup WORD
server WORD domain WORD
```

show health tenant interface bridge-domain

show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] tenant WORD interface bridge-domain WORD

Description: Show Bridge-domain Information

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the bridge-domain (Max Size 64) |

Command Mode: exec : Exec Mode

Command Path:

```
# show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time  
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] tenant WORD interface  
bridge-domain WORD
```

show health tenant interface bridge-domain detail

show health [*history*] [*min-change* <NUMBER>] [*max-hs* <NUMBER>] [*start-time* <YYYY-MM-DDTHR:MIN:SEC>] [*end-time* <YYYY-MM-DDTHR:MIN:SEC>] *tenant* WORD *interface* bridge-domain WORD *detail*

Description: Show Bridge-domain Detailed Information

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the bridge-domain (Max Size 64) |

Command Mode: exec : Exec Mode

Command Path:

```
# show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] tenant WORD interface
bridge-domain WORD detail
```

show health tenant interface bridge-domain first-hop-security binding-table

```
show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>]
[end-time <YYYY-MM-DDTHR:MIN:SEC>] tenant WORD interface bridge-domain WORD first-hop-security
binding-table
```

Description: Show Bridge-domain Binding Table Information

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the bridge-domain (Max Size 64) |

Command Mode: exec : Exec Mode

Command Path:

```
# show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] tenant WORD interface
bridge-domain WORD first-hop-security binding-table
```

show health tenant interface bridge-domain first-hop-security statistics arp

show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] tenant WORD interface bridge-domain WORD first-hop-security statistics arp

Description: Show Bridge-domain First Hop Security ARP Statistics

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the bridge-domain (Max Size 64) |

Command Mode: exec : Exec Mode

Command Path:

```
# show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] tenant WORD interface
bridge-domain WORD first-hop-security statistics arp
```


show health tenant interface bridge-domain first-hop-security statistics dhcpv4

```
show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>]
[end-time <YYYY-MM-DDTHR:MIN:SEC>] tenant WORD interface bridge-domain WORD first-hop-security
statistics dhcpv4
```

Description: Show Bridge-domain First Hop Security DHCPv4 Statistics

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the bridge-domain (Max Size 64) |

Command Mode: exec : Exec Mode

Command Path:

```
# show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] tenant WORD interface
bridge-domain WORD first-hop-security statistics dhcpv4
```

show health tenant interface bridge-domain first-hop-security statistics dhcpv6

show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] tenant WORD interface bridge-domain WORD first-hop-security statistics dhcpv6

Description: Show Bridge-domain First Hop Security DHCPv6 Statistics

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the bridge-domain (Max Size 64) |

Command Mode: exec : Exec Mode

Command Path:

```
# show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] tenant WORD interface
bridge-domain WORD first-hop-security statistics dhcpv6
```

show health tenant interface bridge-domain first-hop-security statistics neighbor-discovery

```
show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>]
[end-time <YYYY-MM-DDTHR:MIN:SEC>] tenant WORD interface bridge-domain WORD first-hop-security
statistics neighbor-discovery
```

Description: Show Bridge-domain First Hop Security Neighbor Discovery Statistics

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the bridge-domain (Max Size 64) |

Command Mode: exec : Exec Mode

Command Path:

```
# show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] tenant WORD interface
bridge-domain WORD first-hop-security statistics neighbor-discovery
```

show health tenant multicast-route-maps

show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] tenant **WORD** multicast-route-maps

Description: Show multicast route-maps per Tenant

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
|-------------|---|

Command Mode: exec : Exec Mode

Command Path:

```
# show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time  
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] tenant WORD multicast-route-maps
```

show health tenant vrf

show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] tenant WORD vrf WORD

Description: Show VRF Information

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the VRF to filter on (Max Size 64) |

Command Mode: exec : Exec Mode

Command Path:

```
# show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time  
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] tenant WORD vrf WORD
```

show health tenant vrf aclog l2

show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] tenant **WORD** vrf **WORD** aclog <permitDrop> l2 flow vlan <NUMBER> srcintf <srcintf>

Description: L2 flow stats

Syntax:

| | |
|-------------------|--|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the VRF to filter on (Max Size 64) |
| <i>permitDrop</i> | permitDrop |
| flow | flowi stats |
| vlan | vlan info |
| <vlan> | <vlan>. Number range from=0 to=9223372036854775807 |
| srcintf | source interface |
| <srcintf> | <srcintf> |

Command Mode: exec : Exec Mode

Command Path:

```
# show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] tenant WORD vrf WORD aclog
<permitDrop> l2 flow vlan <NUMBER> srcintf <srcintf>
```

show health tenant vrf aclog l3

```
show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>]
[end-time <YYYY-MM-DDTHR:MIN:SEC>] tenant WORD vrf WORD aclog <permitDrop> l3 flow srcpctag
<srcpctag> dstpctag <dstpctag> srcepgname <srcepgname> dstepgname <dstepgname> srcip <A.B.C.D or
A:B::C:D> dstip <A.B.C.D or A:B::C:D> proto <proto> srcport <srcport> dstport <dstport> srcintf <srcintf>
```

Description: L3 flow stats

Syntax:

| | |
|----------------------------|--|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the VRF to filter on (Max Size 64) |
| <i>permitDrop</i> | permitDrop |
| flow | flow stats |
| srcpctag | source pc tag |
| <i><srcpctag></i> | <i><srcpctag></i> |
| dstpctag | destination pc tag |
| <i><dstpctag></i> | <i><dstpctag></i> |
| srcepgname | source epg name |
| <i><srcepgname></i> | <i><srcepgname></i> |
| dstepgname | destination epg name |
| <i><dstepgname></i> | <i><dstepgname></i> |
| srcip | source ip |
| <i>A.B.C.D or A:B::C:D</i> | IP address in format i.i.i.i or IPv6 address in format xxxx:xxxx, xxxx::xx |
| dstip | destination ip |
| <i>A.B.C.D or A:B::C:D</i> | IP address in format i.i.i.i or IPv6 address in format xxxx:xxxx, xxxx::xx |
| proto | protocol |
| <i><proto></i> | <i><proto></i> |
| srcport | source port |
| <i><srcport></i> | <i><srcport></i> |
| dstport | destination port |
| <i><dstport></i> | <i><dstport></i> |

| | |
|-----------|------------------|
| srcintf | source interface |
| <srcintf> | <srcintf> |

Command Mode: exec : Exec Mode

Command Path:

```
# show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] tenant WORD vrf WORD acllog
<permitDrop> l3 flow srcpctag <srcpctag> dstpctag <dstpctag> srcepname <srcepname>
dstepname <dstepname> srcip <A.B.C.D or A:B::C:D> dstip <A.B.C.D or A:B::C:D> proto <proto>
srcport <srcport> dstport <dstport> srcintf <srcintf>
```


show health tenant vrf detail

show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] tenant WORD vrf WORD detail

Description: Show detailed view of VRF

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the VRF to filter on (Max Size 64) |

Command Mode: exec : Exec Mode

Command Path:

```
# show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time  
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] tenant WORD vrf WORD detail
```

show health tenant vrf external-l3 bgp

show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] tenant **WORD** vrf **WORD** external-l3 bgp

Description: Show command for BGP peers

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the VRF to filter on (Max Size 64) |

Command Mode: exec : Exec Mode

Command Path:

```
# show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] tenant WORD vrf WORD external-l3
bgp
```

show health tenant vrf external-l3 bgp node

show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] tenant WORD vrf WORD external-l3 bgp node <101-4000>

Description: node to filter on

Syntax:

| | |
|-------------------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the VRF to filter on (Max Size 64) |
| <i><101-4000></i> | Leaf Range or Leaf Name List |

Command Mode: exec : Exec Mode

Command Path:

```
# show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time  
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] tenant WORD vrf WORD external-l3  
bgp node <101-4000>
```

show health tenant vrf external-l3 eigrp

show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] tenant **WORD** vrf **WORD** external-l3 eigrp

Description: Show external l3 EIGRP

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the VRF to filter on (Max Size 64) |

Command Mode: exec : Exec Mode

Command Path:

```
# show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] tenant WORD vrf WORD external-l3
eigrp
```

show health tenant vrf external-l3 eigrp detail

show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] tenant **WORD** vrf **WORD** external-l3 eigrp detail

Description: Show interanl details

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the VRF to filter on (Max Size 64) |

Command Mode: exec : Exec Mode

Command Path:

```
# show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] tenant WORD vrf WORD external-l3
eigrp detail
```

show health tenant vrf external-l3 epg

show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] tenant WORD vrf WORD external-l3 epg <epgName>

Description: Show command for external-l3 epgs

Syntax:

| | |
|------------------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the VRF to filter on (Max Size 64) |
| <i><epgName></i> | Name of the EPG to filter on |

Command Mode: exec : Exec Mode

Command Path:

```
# show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] tenant WORD vrf WORD external-l3
epg <epgName>
```

show health tenant vrf external-l3 epg detail

show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] tenant WORD vrf WORD external-l3 epg <epgName> detail

Description: external-l3 epg in detail with operational status

Syntax:

| | |
|------------------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the VRF to filter on (Max Size 64) |
| <i><epgName></i> | Name of the EPG to filter on |

Command Mode: exec : Exec Mode

Command Path:

```
# show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time  
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] tenant WORD vrf WORD external-l3  
epg <epgName> detail
```

show health tenant vrf external-l3 epg name

show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] tenant WORD vrf WORD external-l3 epg <epgName> name <epgName>

Description: EPG name to filter on

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the VRF to filter on (Max Size 64) |
| <epgName> | Name of the EPG to filter on |
| <epgName> | Name of the EPG to filter on |

Command Mode: exec : Exec Mode

Command Path:

```
# show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] tenant WORD vrf WORD external-l3
epg <epgName> name <epgName>
```


show health tenant vrf external-l3 epg name detail

```
show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>]
[end-time <YYYY-MM-DDTHR:MIN:SEC>] tenant WORD vrf WORD external-l3 epg <epgName> name
<epgName> detail
```

Description: external-l3 epg in detail with operational status

Syntax:

| | |
|------------------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the VRF to filter on (Max Size 64) |
| <i><epgName></i> | Name of the EPG to filter on |
| <i><epgName></i> | Name of the EPG to filter on |

Command Mode: exec : Exec Mode

Command Path:

```
# show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] tenant WORD vrf WORD external-l3
epg <epgName> name <epgName> detail
```

show health tenant vrf external-l3 interfaces

show health [*history*] [*min-change* <NUMBER>] [*max-hs* <NUMBER>] [*start-time* <YYYY-MM-DDTHR:MIN:SEC>] [*end-time* <YYYY-MM-DDTHR:MIN:SEC>] *tenant* WORD *vrf* WORD *external-l3* interfaces

Description: Show tenant <tenant> vrf <vrf> external l3 interfaces

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the VRF to filter on (Max Size 64) |

Command Mode: exec : Exec Mode

Command Path:

```
# show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] tenant WORD vrf WORD external-l3
interfaces
```

show health tenant vrf external-l3 interfaces detail

show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] tenant WORD vrf WORD external-l3 interfaces detail

Description: Show interfaces details

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the VRF to filter on (Max Size 64) |

Command Mode: exec : Exec Mode

Command Path:

```
# show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time  
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] tenant WORD vrf WORD external-l3  
interfaces detail
```

show health tenant vrf external-l3 ospf

show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] tenant **WORD** vrf **WORD** external-l3 ospf

Description: Show command for IPv4 and IPv6 external l3 OSPF configuration

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the VRF to filter on (Max Size 64) |

Command Mode: exec : Exec Mode

Command Path:

```
# show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] tenant WORD vrf WORD external-l3
ospf
```

show health tenant vrf external-l3 ospf detail

show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] tenant WORD vrf WORD external-l3 ospf detail

Description: Show internal details

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the VRF to filter on (Max Size 64) |

Command Mode: exec : Exec Mode

Command Path:

```
# show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time  
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] tenant WORD vrf WORD external-l3  
ospf detail
```

show health tenant vrf external-l3 scale

show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] tenant **WORD** vrf **WORD** external-l3 scale

Description: scale command

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the VRF to filter on (Max Size 64) |

Command Mode: exec : Exec Mode

Command Path:

```
# show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] tenant WORD vrf WORD external-l3
scale
```

show health tenant vrf external-l3 scale detail

show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] tenant **WORD** vrf **WORD** external-l3 scale detail

Description: Show scale details

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the VRF to filter on (Max Size 64) |

Command Mode: exec : Exec Mode

Command Path:

```
# show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time  
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] tenant WORD vrf WORD external-l3  
scale detail
```

show health tenant vrf external-l3 static-route

show health [*history*] [*min-change* <NUMBER>] [*max-hs* <NUMBER>] [*start-time* <YYYY-MM-DDTHR:MIN:SEC>] [*end-time* <YYYY-MM-DDTHR:MIN:SEC>] **tenant** WORD **vrf** WORD **external-l3 static-route**

Description: Show command for external-l3 static routes

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the VRF to filter on (Max Size 64) |

Command Mode: exec : Exec Mode

Command Path:

```
# show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] tenant WORD vrf WORD external-l3
static-route
```


show health tenant vrf external-l3 static-route detail

show health [**history**] [**min-change** <NUMBER>] [**max-hs** <NUMBER>] [**start-time** <YYYY-MM-DDTHR:MIN:SEC>] [**end-time** <YYYY-MM-DDTHR:MIN:SEC>] **tenant** WORD **vrf** WORD **external-l3** **static-route** **detail**

Description: static-route in detail with operational status

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the VRF to filter on (Max Size 64) |

Command Mode: exec : Exec Mode

Command Path:

```
# show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time  
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] tenant WORD vrf WORD external-l3  
static-route detail
```

show health tenant vrf external-l3 static-route node

show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] tenant **WORD** vrf **WORD** external-l3 static-route node

Description: node to filter on

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the VRF to filter on (Max Size 64) |
| <i>arg</i> | Leaf Range or Leaf Name List |

Command Mode: exec : Exec Mode

Command Path:

```
# show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] tenant WORD vrf WORD external-l3
static-route node
```

show health tenant vrf external-l3 static-route node detail

show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] tenant WORD vrf WORD external-l3 static-route node detail

Description: static-route in detail with operational status

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the VRF to filter on (Max Size 64) |
| <i>arg</i> | Leaf Range or Leaf Name List |

Command Mode: exec : Exec Mode

Command Path:

```
# show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time  
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] tenant WORD vrf WORD external-l3  
static-route node detail
```

show health tenant vrf multicast

show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] tenant **WORD** vrf **WORD** multicast

Description: Show multicast configuration per VRF

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the VRF to filter on (Max Size 64) |

Command Mode: exec : Exec Mode

Command Path:

```
# show health [history] [min-change <NUMBER>] [max-hs <NUMBER>] [start-time
<YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] tenant WORD vrf WORD multicast
```

show inband-mgmt

show inband-mgmt

Description: Show inband mgmt eggs on all the nodes

Command Mode: exec : Exec Mode

Command Path:

```
# show inband-mgmt
```

show inband-mgmt controller

show inband-mgmt controller <controller-id> [epg <WORD>]

Description: show inband mgmt eps on the controller

Syntax:

| | |
|-----------------|-------------------------------------|
| <controller-id> | |
| WORD | (Optional) Epg Name of consumer epg |

Command Mode: exec : Exec Mode

Command Path:

```
# show inband-mgmt controller <controller-id> [epg <WORD>]
```

show inband-mgmt switch

show inband-mgmt switch <switch-id> [epg <WORD>]

Description: Show inband mgmt epgs on the node

Syntax:

| | |
|-------------|---------------------|
| <switch-id> | |
| WORD | (Optional) Epg Name |

Command Mode: exec : Exec Mode

Command Path:

```
# show inband-mgmt switch <switch-id> [epg <WORD>]
```

show interface bridge-domain

show interface bridge-domain WORD

Description: Show Bridge-domain Information

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the bridge-domain (Max Size 64) |
|-------------|---|

Command Mode: exec : Exec Mode

Command Path:

```
# show interface bridge-domain WORD
```


show interface bridge-domain detail

show interface bridge-domain WORD detail

Description: Show Bridge-domain Detailed Information

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the bridge-domain (Max Size 64) |
|-------------|---|

Command Mode: exec : Exec Mode

Command Path:

```
# show interface bridge-domain WORD detail
```

show interface bridge-domain first-hop-security binding-table

show interface bridge-domain WORD first-hop-security binding-table

Description: Show Bridge-domain Binding Table Information

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the bridge-domain (Max Size 64) |
|-------------|---|

Command Mode: exec : Exec Mode

Command Path:

```
# show interface bridge-domain WORD first-hop-security binding-table
```

show interface bridge-domain first-hop-security statistics arp

show interface bridge-domain WORD first-hop-security statistics arp

Description: Show Bridge-domain First Hop Security ARP Statistics

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the bridge-domain (Max Size 64) |
|-------------|---|

Command Mode: exec : Exec Mode

Command Path:

```
# show interface bridge-domain WORD first-hop-security statistics arp
```

show interface bridge-domain first-hop-security statistics dhcpv4

show interface bridge-domain WORD first-hop-security statistics dhcpv4

Description: Show Bridge-domain First Hop Security DHCPv4 Statistics

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the bridge-domain (Max Size 64) |
|-------------|---|

Command Mode: exec : Exec Mode

Command Path:

```
# show interface bridge-domain WORD first-hop-security statistics dhcpv4
```

show interface bridge-domain first-hop-security statistics dhcpv6

show interface bridge-domain WORD first-hop-security statistics dhcpv6

Description: Show Bridge-domain First Hop Security DHCPv6 Statistics

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the bridge-domain (Max Size 64) |
|-------------|---|

Command Mode: exec : Exec Mode

Command Path:

```
# show interface bridge-domain WORD first-hop-security statistics dhcpv6
```

show interface bridge-domain first-hop-security statistics neighbor-discovery

show interface bridge-domain WORD first-hop-security statistics neighbor-discovery

Description: Show Bridge-domain First Hop Security Neighbor Discovery Statistics

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the bridge-domain (Max Size 64) |
|-------------|---|

Command Mode: exec : Exec Mode

Command Path:

```
# show interface bridge-domain WORD first-hop-security statistics neighbor-discovery
```

show ip interface bridge-domain

show ip interface bridge-domain WORD

Description: Show Bridge-domain Information

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the bridge-domain (Max Size 64) |
|-------------|---|

Command Mode: exec : Exec Mode

Command Path:

```
# show ip interface bridge-domain WORD
```

show ipv6 interface bridge-domain

show ipv6 interface bridge-domain WORD

Description: Show Bridge-domain Information

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the bridge-domain (Max Size 64) |
|-------------|---|

Command Mode: exec : Exec Mode

Command Path:

```
# show ipv6 interface bridge-domain WORD
```


show l4l7-cluster

show l4l7-cluster [tenant <Tenant Name>] [cluster <Device Cluster Name>]

Description: Show L4 L7 Device information

Syntax:

| | |
|----------------------------|---------------------------|
| <i>Tenant Name</i> | (Optional) Name of Tenant |
| <i>Device Cluster Name</i> | (Optional) Name of Device |

Command Mode: exec : Exec Mode

Command Path:

```
# show l4l7-cluster [tenant <Tenant Name>] [cluster <Device Cluster Name>]
```

show l4l7-graph

show l4l7-graph [tenant <Tenant Name>] [graph <Graph Name>]

Description: Show L4 L7 Graph information

Syntax:

| | |
|---------------|---------------------------|
| <Tenant Name> | (Optional) Name of Tenant |
| <Graph Name> | (Optional) Name of Graph |

Command Mode: exec : Exec Mode

Command Path:

```
# show l4l7-graph [tenant <Tenant Name>] [graph <Graph Name>]
```

show l4l7-package

show l4l7-package

Description: Show L4-L7 package information

Command Mode: exec : Exec Mode

Command Path:

```
# show l4l7-package
```

show ldap-server

show ldap-server

Description: Show LDAP server information

Command Mode: exec : Exec Mode

Command Path:

```
# show ldap-server
```

show license all

show license all

Description: Show license all

Command Mode: exec : Exec Mode

Command Path:

```
# show license all
```

show license catalog

show license catalog

Description: Show license catalog

Command Mode: exec : Exec Mode

Command Path:

```
# show license catalog
```

show license hostname

show license hostname privacy

Description: Show license hostname

Syntax:

| | |
|---------|---------|
| privacy | privacy |
|---------|---------|

Command Mode: exec : Exec Mode

Command Path:

```
# show license hostname privacy
```

show license status

show license status

Description: Show license status

Command Mode: exec : Exec Mode

Command Path:

```
# show license status
```


show license summary

show license summary

Description: Show license summary

Command Mode: exec : Exec Mode

Command Path:

```
# show license summary
```

show license tech

show license tech support

Description: Show license tech support

Syntax:

| | |
|---------|-------------|
| support | techsupport |
|---------|-------------|

Command Mode: exec : Exec Mode

Command Path:

```
# show license tech support
```

show license transport-mode

show license transport-mode

Description: Displaying smart licensing transport mode

Command Mode: exec : Exec Mode

Command Path:

```
# show license transport-mode
```

show license udi

show license udi

Description: Display device udi

Command Mode: exec : Exec Mode

Command Path:

```
# show license udi
```

show license usage

show license usage

Description: Show license usage

Command Mode: exec : Exec Mode

Command Path:

```
# show license usage
```

show locator-led

show locator-led status

Description: Show command for locator-led

Syntax:

| | |
|--------|--------------------|
| status | locator-led status |
|--------|--------------------|

Command Mode: exec : Exec Mode

Command Path:

```
# show locator-led status
```

show locator-led status leaf

show locator-led status leaf

Description: Leaf to filter on

Syntax:

| | |
|------------|------------------------------|
| status | locator-led status |
| <i>arg</i> | Leaf Range or Leaf Name List |

Command Mode: exec : Exec Mode

Command Path:

```
# show locator-led status leaf
```

show macsec interface

show macsec interface switch <101-4000>

Description: interface

Syntax:

| | |
|------------|-----------|
| switch | switch |
| <101-4000> | switch ID |

Command Mode: exec : Exec Mode

Command Path:

```
# show macsec interface switch <101-4000>
```


show macsec policy

show macsec policy <WORD>

Description: Show macsec policies

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Node Number (Max Size 4000). Number range from=0 to=9223372036854775807 |
|-------------|---|

Command Mode: exec : Exec Mode

Command Path:

```
# show macsec policy <WORD>
```

show microsoft domain

show microsoft domain

Description: Show Microsoft domain information

Command Mode: exec : Exec Mode

Command Path:

```
# show microsoft domain
```

show microsoft domain name

show microsoft domain name <WORD>

Description: Microsoft domain name

Syntax:

| | |
|-------------|-----------------------|
| <i>WORD</i> | Microsoft domain name |
|-------------|-----------------------|

Command Mode: exec : Exec Mode

Command Path:

```
# show microsoft domain name <WORD>
```

show microsoft domain name hyperv

show microsoft domain name <WORD> hyperv <WORD>

Description: Show Microsoft Hypervisor information

Syntax:

| | |
|-------------|-----------------------|
| <i>WORD</i> | Microsoft domain name |
| <i>WORD</i> | HyperV hostname |

Command Mode: exec : Exec Mode

Command Path:

```
# show microsoft domain name <WORD> hyperv <WORD>
```

show microsoft domain name port-group

show microsoft domain name <WORD> port-group

Description: Show Microsoft port group information

Syntax:

| | |
|-------------|-----------------------|
| <i>WORD</i> | Microsoft domain name |
|-------------|-----------------------|

Command Mode: exec : Exec Mode

Command Path:

```
# show microsoft domain name <WORD> port-group
```

show microsoft domain name scvmm

show microsoft domain name <WORD> scvmm <hostname|ip>

Description: Show Microsoft SCVMM information

Syntax:

| | |
|---------------|-----------------------|
| <i>WORD</i> | Microsoft domain name |
| <hostname ip> | SCVMM hostname or IP |

Command Mode: exec : Exec Mode

Command Path:

```
# show microsoft domain name <WORD> scvmm <hostname|ip>
```

show microsoft domain name vm

show microsoft domain name <WORD> vm

Description: Show Microsoft VM information

Syntax:

| | |
|-------------|-----------------------|
| <i>WORD</i> | Microsoft domain name |
|-------------|-----------------------|

Command Mode: exec : Exec Mode

Command Path:

```
# show microsoft domain name <WORD> vm
```

show microsoft domain name vm name

show microsoft domain name <WORD> **vm name** <WORD>

Description: Show detailed Microsoft VM information

Syntax:

| | |
|-------------|-----------------------|
| <i>WORD</i> | Microsoft domain name |
| <i>WORD</i> | VM Name |

Command Mode: exec : Exec Mode

Command Path:

```
# show microsoft domain name <WORD> vm name <WORD>
```


show microsoft vm

show microsoft vm [name <WORD>] [ip <A.B.C.D>] [mac <AA:BB:CC:DD:EE:FF>]

Description: Show Microsoft VM information

Syntax:

| | |
|--------------------------|-------------------------------------|
| <i>WORD</i> | (Optional) Specify a VM name |
| <i>A.B.C.D</i> | (Optional) Specify a VM IP address |
| <i>AA:BB:CC:DD:EE:FF</i> | (Optional) Specify a VM MAC address |

Command Mode: exec : Exec Mode

Command Path:

```
# show microsoft vm [name <WORD>] [ip <A.B.C.D>] [mac <AA:BB:CC:DD:EE:FF>]
```

show monitor access

show monitor access session session_name

Description: Show monitor session for access interfaces

Syntax:

| | |
|---------------------|--------------|
| session | session |
| <i>session_name</i> | session name |

Command Mode: exec : Exec Mode

Command Path:

```
# show monitor access session session_name
```

show monitor fabric

show monitor fabric session session_name

Description: Show monitor session for fabric interfaces

Syntax:

| | |
|---------------------|--------------|
| session | session |
| <i>session_name</i> | session name |

Command Mode: exec : Exec Mode

Command Path:

```
# show monitor fabric session session_name
```

show monitor summary

show monitor summary

Description: Show brief summary of all non-virtual monitor sessions

Command Mode: exec : Exec Mode

Command Path:

```
# show monitor summary
```

show monitor tenant

show monitor tenant <tenant_name> session session_name

Description: Show monitor session for tenant

Syntax:

| | |
|---------------------|--------------|
| <i>tenant_name</i> | tenant |
| session | session |
| <i>session_name</i> | session name |

Command Mode: exec : Exec Mode

Command Path:

```
# show monitor tenant <tenant_name> session session_name
```

show monitor virtual

show monitor virtual session WORD

Description: Show monitor session for virtual switches

Syntax:

| | |
|-------------|--------------|
| session | session |
| <i>WORD</i> | Session name |

Command Mode: exec : Exec Mode

Command Path:

```
# show monitor virtual session WORD
```

show name-alias tenant

show name-alias tenant WORD

Description: Show corresponding tenants for Alias

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant Alias to filter on (Max Size 63) |
|-------------|---|

Command Mode: exec : Exec Mode

Command Path:

```
# show name-alias tenant WORD
```

show name-alias tenant acl

show name-alias tenant WORD acl WORD

Description: Show Acl Name for alias

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant Alias to filter on (Max Size 63) |
| <i>WORD</i> | Name of the Acl Alias to filter on (Max Size 64) |

Command Mode: exec : Exec Mode

Command Path:

```
# show name-alias tenant WORD acl WORD
```


show name-alias tenant application

show name-alias tenant WORD application WORD

Description: Show Application Name for alias

Syntax:

| | |
|-------------|--|
| <i>WORD</i> | Name of the tenant Alias to filter on (Max Size 63) |
| <i>WORD</i> | Name of the application Alias to filter on (Max Size 64) |

Command Mode: exec : Exec Mode

Command Path:

```
# show name-alias tenant WORD application WORD
```

show name-alias tenant application epg

show name-alias tenant WORD application WORD epg WORD

Description: Show EndPoint Group Name for alias

Syntax:

| | |
|-------------|--|
| <i>WORD</i> | Name of the tenant Alias to filter on (Max Size 63) |
| <i>WORD</i> | Name of the application Alias to filter on (Max Size 64) |
| <i>WORD</i> | Name of the epg Alias to filter on (Max Size 64) |

Command Mode: exec : Exec Mode

Command Path:

```
# show name-alias tenant WORD application WORD epg WORD
```

show name-alias tenant bridge-domain

show name-alias tenant WORD bridge-domain WORD

Description: Show Bridge-Domain Name for alias

Syntax:

| | |
|-------------|--|
| <i>WORD</i> | Name of the tenant Alias to filter on (Max Size 63) |
| <i>WORD</i> | Name of the bridge-domain Alias to filter on (Max Size 63) |

Command Mode: exec : Exec Mode

Command Path:

```
# show name-alias tenant WORD bridge-domain WORD
```

show name-alias tenant contract

show name-alias tenant WORD contract WORD

Description: Show Contract Name for alias

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant Alias to filter on (Max Size 63) |
| <i>WORD</i> | Name of the contract Alias to filter on (Max Size 64) |

Command Mode: exec : Exec Mode

Command Path:

```
# show name-alias tenant WORD contract WORD
```

show name-alias tenant contract subject

show name-alias tenant WORD contract WORD subject WORD

Description: Show Subject Name for alias

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant Alias to filter on (Max Size 63) |
| <i>WORD</i> | Name of the contract Alias to filter on (Max Size 64) |
| <i>WORD</i> | Name of the Subject Alias to filter on (Max Size 64) |

Command Mode: exec : Exec Mode

Command Path:

```
# show name-alias tenant WORD contract WORD subject WORD
```

show name-alias tenant l3out

show name-alias tenant WORD l3out WORD

Description: Show L3out Name for alias

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant Alias to filter on (Max Size 63) |
| <i>WORD</i> | Name of the L3out Alias to filter on (Max Size 64) |

Command Mode: exec : Exec Mode

Command Path:

```
# show name-alias tenant WORD l3out WORD
```

show name-alias tenant vrf

show name-alias tenant WORD vrf WORD

Description: Show Vrf Name for alias

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant Alias to filter on (Max Size 63) |
| <i>WORD</i> | Name of the vrf Alias to filter on (Max Size 63) |

Command Mode: exec : Exec Mode

Command Path:

```
# show name-alias tenant WORD vrf WORD
```

show ntpq

show ntpq

Description: Show ntpq information

Command Mode: exec : Exec Mode

Command Path:

```
# show ntpq
```


show oob-mgmt

show oob-mgmt

Description: Show Out of band Information

Command Mode: exec : Exec Mode

Command Path:

```
# show oob-mgmt
```

show oob-mgmt controller

show oob-mgmt controller <controller-id> [epg <WORD>]

Description: Show oob mgmt epgs on the controller, enter one

Syntax:

| | |
|------------------------------|-------------------------------------|
| <i><controller-id></i> | |
| <i>WORD</i> | (Optional) Epg Name of consumer epg |

Command Mode: exec : Exec Mode

Command Path:

```
# show oob-mgmt controller <controller-id> [epg <WORD>]
```

show oob-mgmt switch

show oob-mgmt switch <switch-id> [epg <WORD>]

Description: Show oob mgmt epgs on the node, enter one

Syntax:

| | |
|-------------|-------------------------------------|
| <switch-id> | |
| WORD | (Optional) Epg Name of consumer epg |

Command Mode: exec : Exec Mode

Command Path:

```
# show oob-mgmt switch <switch-id> [epg <WORD>]
```

show pd-recovery status

show pd-recovery status

Description: Show policydist shard recovery from policymgr shards status

Command Mode: exec : Exec Mode

Command Path:

```
# show pd-recovery status
```

show policy-map

show policy-map

Description: Show policy maps

Command Mode: exec : Exec Mode

Command Path:

```
# show policy-map
```

show policy-map type data-plane

show policy-map type data-plane infra WORD [stats]

Description: Data-plane type policy-map(s)

Syntax:

| | |
|-------------|---|
| infra | Global data-plane policy-map(s) |
| <i>WORD</i> | data-plane type policy-map(s) (Max Size 64) |
| stats | (Optional) Data-Plane Policer Statistics, where available |

Command Mode: exec : Exec Mode

Command Path:

```
# show policy-map type data-plane infra WORD [stats]
```

show policy-map type qos

show policy-map type qos WORD

Description: QOS type policy-map(s)

Syntax:

| | |
|-------------|--------------------------------------|
| <i>WORD</i> | QOS type policy-map(s) (Max Size 64) |
|-------------|--------------------------------------|

Command Mode: exec : Exec Mode

Command Path:

```
# show policy-map type qos WORD
```

show port-channel leaf

show port-channel leaf *WORD* <port-channel-list>

Description: Show leaf port-channel info

Syntax:

| | |
|---------------------|------------------------------|
| <i>WORD</i> | Leaf Range or Leaf Name List |
| <port-channel-list> | port channel names |

Command Mode: exec : Exec Mode

Command Path:

```
# show port-channel leaf WORD <port-channel-list>
```


show port-channel map

show port-channel map <port-channel-list>

Description: Show port-channel mapping

Syntax:

| | |
|---------------------|--------------------|
| <port-channel-list> | port channel names |
|---------------------|--------------------|

Command Mode: exec : Exec Mode

Command Path:

```
# show port-channel map <port-channel-list>
```

show port-channel map leaf

show port-channel map <port-channel-list> leaf **WORD** [fex <101-199>]

Description: Leaf

Syntax:

| | |
|---------------------|------------------------------|
| <port-channel-list> | port channel names |
| WORD | Leaf Range or Leaf Name List |
| <101-199> | (Optional) Fex ID |

Command Mode: exec : Exec Mode

Command Path:

```
# show port-channel map <port-channel-list> leaf WORD [fex <101-199>]
```

show pwd-rules

show pwd-rules

Description: Show Password Rules

Command Mode: exec : Exec Mode

Command Path:

```
# show pwd-rules
```

show quota

show quota

Description: Show Quotas Information

Command Mode: exec : Exec Mode

Command Path:

```
# show quota
```

show radius-server

show radius-server

Description: Show RADIUS server information

Command Mode: exec : Exec Mode

Command Path:

```
# show radius-server
```

show redhat domain

show redhat domain

Description: Show Redhat domain information

Command Mode: exec : Exec Mode

Command Path:

```
# show redhat domain
```

show redhat domain name

show redhat domain name <name>

Description: Redhat domain name

Syntax:

| | |
|---------------------|--------------------|
| <i><name></i> | Redhat domain name |
|---------------------|--------------------|

Command Mode: exec : Exec Mode

Command Path:

```
# show redhat domain name <name>
```

show redhat domain name epg

show redhat domain name <name> epg

Description: Show Redhat domain EPG details

Syntax:

| | |
|---------------------|--------------------|
| <i><name></i> | Redhat domain name |
|---------------------|--------------------|

Command Mode: exec : Exec Mode

Command Path:

```
# show redhat domain name <name> epg
```


show redhat domain name rhev

show redhat domain name <name> rhev <hostname|ip>

Description: RHEV ip or hostname

Syntax:

| | |
|---------------|---------------------|
| <name> | Redhat domain name |
| <hostname ip> | rhev hostname or IP |

Command Mode: exec : Exec Mode

Command Path:

```
# show redhat domain name <name> rhev <hostname|ip>
```

show resource

show resource conflict encap-vlan

Description: Show resource information

Syntax:

| | |
|------------|---|
| conflict | show resource conflicts in APIC |
| encap-vlan | show resource conflicts of encap-vlan in APIC |

Command Mode: exec : Exec Mode

Command Path:

```
# show resource conflict encap-vlan
```

show resource conflict encap-vlan epg

show resource conflict encap-vlan epg <WORD>

Description: Epg Name

Syntax:

| | |
|-------------|---|
| conflict | show resource conflicts in APIC |
| encap-vlan | show resource conflicts of encap-vlan in APIC |
| <i>WORD</i> | Epg Name |

Command Mode: exec : Exec Mode

Command Path:

```
# show resource conflict encap-vlan epg <WORD>
```

show resource conflict encap-vlan epg node

show resource conflict encap-vlan epg <WORD> node <101-4000>

Description: Node ID

Syntax:

| | |
|-------------|---|
| conflict | show resource conflicts in APIC |
| encap-vlan | show resource conflicts of encap-vlan in APIC |
| <i>WORD</i> | Epg Name |
| <101-4000> | Leaf ID |

Command Mode: exec : Exec Mode

Command Path:

```
# show resource conflict encap-vlan epg <WORD> node <101-4000>
```

show role

show role

Description: Show information about AAA Roles

Command Mode: exec : Exec Mode

Command Path:

```
# show role
```

show rsa-server

show rsa-server

Description: Show RSA server information

Command Mode: exec : Exec Mode

Command Path:

```
# show rsa-server
```

show running-config

show running-config [all] <scope>

Description: Show running configuration

Syntax:

| | |
|---------|--|
| all | (Optional) Show running-config with defaults |
| <scope> | command scope |

Command Mode: exec : Exec Mode

Command Path:

```
# show running-config [all] <scope>
```

show sessions

show sessions [*id* <log-id>] [*action* *action*<action-type>] [*user* <user-name>] [*last-minutes* <NUMBER>] [*last-hours* <NUMBER>] [*last-days* <NUMBER>] [*start-time* <YYYY-MM-DDTHR:MIN:SEC>] [*end-time* *end-time* <YYYY-MM-DDTHR:MIN:SEC>] [*detail*] <scope>

Description: Show session-log information

Syntax:

| | |
|--|---|
| <log-id> | (Optional) Log ID |
| <i>action</i> <action-type> | (Optional) Object action indicator |
| <user-name> | (Optional) Name of user |
| <num-minutes> | (Optional) Logs created in time interval. Number range from=1 to=59 |
| <num-hours> | (Optional) Logs created in time interval. Number range from=1 to=23 |
| <num-days> | (Optional) Logs created in time interval. Number range from=1 to=999 |
| <YYYY-MM-DDTHR:MIN:SEC> | (Optional) Logs created in time interval |
| <i>end-time</i> <YYYY-MM-DDTHR:MIN:SEC> | (Optional) Logs created in time interval |
| <i>detail</i> | (Optional) Detailed session-log information. Displays the action trigger that shows why a login occurred. |
| <scope> | command scope |

Command Mode: exec : Exec Mode

Command Path:

```
# show sessions [id <log-id>] [action action<action-type>] [user <user-name>] [last-minutes
<NUMBER>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>]
[end-time end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] <scope>
```


show sessions controller

show sessions [id <log-id>] [action <action-type>] [user <user-name>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] controller

Description: Show controller information

Command Mode: exec : Exec Mode

Command Path:

```
# show sessions [id <log-id>] [action <action-type>] [user <user-name>] [last-hours <NUMBER>]
[last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>]
[detail] controller
```

show sessions controller detail

show sessions [id <log-id>] [action <action-type>] [user <user-name>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] **controller detail** [id <node-id>]

Description: Detailed controller information

Syntax:

| | |
|----------------|-----------------------------------|
| <i>node-id</i> | (Optional) Optional Serial number |
|----------------|-----------------------------------|

Command Mode: exec : Exec Mode

Command Path:

```
# show sessions [id <log-id>] [action <action-type>] [user <user-name>] [last-hours <NUMBER>]
[last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>]
[detail] controller detail [id <node-id>]
```

show sessions leaf

show sessions [id <log-id>] [action <action-type>] [user <user-name>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] leaf <leafId>

Description: Show command for leaf

Syntax:

| | |
|----------|---------|
| <leafId> | Leaf id |
|----------|---------|

Command Mode: exec : Exec Mode

Command Path:

```
# show sessions [id <log-id>] [action <action-type>] [user <user-name>] [last-hours <NUMBER>]
[last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>]
[detail] leaf <leafId>
```

show sessions spine

show sessions [id <log-id>] [action <action-type>] [user <user-name>] [last-hours <NUMBER>] [last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>] [detail] spine <leafId>

Description: Show command for spine

Syntax:

| | |
|----------|---------|
| <leafId> | Leaf id |
|----------|---------|

Command Mode: exec : Exec Mode

Command Path:

```
# show sessions [id <log-id>] [action <action-type>] [user <user-name>] [last-hours <NUMBER>]
[last-days <NUMBER>] [start-time <YYYY-MM-DDTHR:MIN:SEC>] [end-time <YYYY-MM-DDTHR:MIN:SEC>]
[detail] spine <leafId>
```

show snapshot active

show snapshot active job

Description: Show command for active snapshot job

Syntax:

| | |
|-----|--------------------------|
| job | View active snapshot job |
|-----|--------------------------|

Command Mode: exec : Exec Mode

Command Path:

```
# show snapshot active job
```

show snapshot files

show snapshot files

Description: Show command for snapshot files

Command Mode: exec : Exec Mode

Command Path:

```
# show snapshot files
```

show snapshot jobs

show snapshot jobs <WORD>

Description: Show command for snapshot jobs

Syntax:

| | |
|-------------|----------------------|
| <i>WORD</i> | Snapshot policy name |
|-------------|----------------------|

Command Mode: exec : Exec Mode

Command Path:

```
# show snapshot jobs <WORD>
```

show snmp

show snmp [policy <policy>]

Description: Show snmp policy information

Syntax:

| | |
|---------------|-----------------------------|
| <i>policy</i> | (Optional) SNMP policy name |
|---------------|-----------------------------|

Command Mode: exec : Exec Mode

Command Path:

```
# show snmp [policy <policy>]
```


show snmp clientgroups

show snmp [policy <policy>] clientgroups

Description: Show snmp client group policies

Syntax:

| | |
|---------------|-----------------------------|
| <i>policy</i> | (Optional) SNMP policy name |
|---------------|-----------------------------|

Command Mode: exec : Exec Mode

Command Path:

```
# show snmp [policy <policy>] clientgroups
```

show snmp community

show snmp [policy <policy>] community

Description: Show snmp community information

Syntax:

| | |
|---------------|-----------------------------|
| <i>policy</i> | (Optional) SNMP policy name |
|---------------|-----------------------------|

Command Mode: exec : Exec Mode

Command Path:

```
# show snmp [policy <policy>] community
```

show snmp engineid

show snmp [policy <policy>] engineid

Description: Show snmp v3 engine-id

Syntax:

| | |
|---------------|-----------------------------|
| <i>policy</i> | (Optional) SNMP policy name |
|---------------|-----------------------------|

Command Mode: exec : Exec Mode

Command Path:

```
# show snmp [policy <policy>] engineid
```

show snmp hosts

show snmp [policy <policy>] hosts

Description: Show snmp trap hosts

Syntax:

| | |
|---------------|-----------------------------|
| <i>policy</i> | (Optional) SNMP policy name |
|---------------|-----------------------------|

Command Mode: exec : Exec Mode

Command Path:

```
# show snmp [policy <policy>] hosts
```

show snmp summary

show snmp [policy <policy>] summary

Description: Show snmp summary

Syntax:

| | |
|---------------|-----------------------------|
| <i>policy</i> | (Optional) SNMP policy name |
|---------------|-----------------------------|

Command Mode: exec : Exec Mode

Command Path:

```
# show snmp [policy <policy>] summary
```

show snmp users

show snmp [policy <policy>] users

Description: Show snmp v3 users

Syntax:

| | |
|---------------|-----------------------------|
| <i>policy</i> | (Optional) SNMP policy name |
|---------------|-----------------------------|

Command Mode: exec : Exec Mode

Command Path:

```
# show snmp [policy <policy>] users
```

show stats

show stats granularity <granularity-value> [history] [cumulative] tenant|leaf|spine

Description: Show statistics

Syntax:

| | |
|------------------------------|---|
| granularity | Choose granularity value |
| < <i>granularity-value</i> > | <granularity-value> |
| history | (Optional) historical stats information |
| cumulative | (Optional) cumulative stats information |
| <i>tenant</i> | command scope |
| <i>leaf</i> | command scope |
| <i>spine</i> | command scope |

Command Mode: exec : Exec Mode

Command Path:

```
# show stats granularity <granularity-value> [history] [cumulative] tenant|leaf|spine
```

show stats granularity communication controller

show stats granularity <granularity-value> [history] [cumulative] communication controller node-id

Description: Show command for nginx web-requests

Syntax:

| | |
|----------------|---------|
| <i>node-id</i> | node-id |
|----------------|---------|

Command Mode: exec : Exec Mode

Command Path:

```
# show stats granularity <granularity-value> [history] [cumulative] communication controller  
node-id
```


show stats granularity leaf

show stats granularity <granularity-value> [history] [cumulative] leaf <leafId>

Description: Show command for leaf

Syntax:

| | |
|----------|---------|
| <leafId> | Leaf id |
|----------|---------|

Command Mode: exec : Exec Mode

Command Path:

```
# show stats granularity <granularity-value> [history] [cumulative] leaf <leafId>
```

show stats granularity leaf fex

show stats granularity <granularity-value> [history] [cumulative] leaf <leafId> fex <fexNum>

Description: Show extended chassis information

Syntax:

| | |
|----------|----------------------|
| <leafId> | Leaf id |
| <fexNum> | pls enter fex number |

Command Mode: exec : Exec Mode

Command Path:

```
# show stats granularity <granularity-value> [history] [cumulative] leaf <leafId> fex  
<fexNum>
```

show stats granularity leaf fex module

show stats granularity <granularity-value> [history] [cumulative] leaf <leafId> fex <fexNum> module <lcSlot>

Description: Show inventory module information

Syntax:

| | |
|-----------------------|--------------------------------|
| <i><leafId></i> | Leaf id |
| <i><fexNum></i> | pls enter fex number |
| <i><lcSlot></i> | please enter the module number |

Command Mode: exec : Exec Mode

Command Path:

```
# show stats granularity <granularity-value> [history] [cumulative] leaf <leafId> fex  
<fexNum> module <lcSlot>
```

show stats granularity leaf interface ethernet

show stats granularity <granularity-value> [history] [cumulative] leaf <leafId> interface ethernet <phyInt>

Description: Ethernet IEEE 802.3z

Syntax:

| | |
|-----------------------|--|
| <i><leafId></i> | Leaf id |
| <i><phyInt></i> | <slot or chassis-number/port or slot number> |

Command Mode: exec : Exec Mode

Command Path:

```
# show stats granularity <granularity-value> [history] [cumulative] leaf <leafId> interface ethernet <phyInt>
```

show stats granularity leaf interface fc

show stats granularity <granularity-value> [history] [cumulative] leaf <leafId> interface fc <phyInt>

Description: Fibre Channel Protocol

Syntax:

| | |
|----------|--|
| <leafId> | Leaf id |
| <phyInt> | <slot or chassis-number/port or slot number> |

Command Mode: exec : Exec Mode

Command Path:

```
# show stats granularity <granularity-value> [history] [cumulative] leaf <leafId> interface  
fc <phyInt>
```

show stats granularity leaf interface fcportchannel

show stats granularity <granularity-value> [history] [cumulative] leaf <leafId> interface fcportchannel <portChan>

Description: FC Port channel interface

Syntax:

| | |
|-------------------------|-----------------------|
| <i><leafId></i> | Leaf id |
| <i><portChan></i> | <Port channel number> |

Command Mode: exec : Exec Mode

Command Path:

```
# show stats granularity <granularity-value> [history] [cumulative] leaf <leafId> interface  
fcportchannel <portChan>
```

show stats granularity leaf interface mgmt

show stats granularity <granularity-value> [history] [cumulative] leaf <leafId> interface mgmt <mgmtPort>

Description: Management interface

Syntax:

| | |
|-------------------------|-------------------------------|
| <i><leafId></i> | Leaf id |
| <i><mgmtPort></i> | <Management interface number> |

Command Mode: exec : Exec Mode

Command Path:

```
# show stats granularity <granularity-value> [history] [cumulative] leaf <leafId> interface  
mgmt <mgmtPort>
```

show stats granularity leaf interface portchannel

show stats granularity <granularity-value> [history] [cumulative] leaf <leafId> interface portchannel <portChan>

Description: Port channel interface

Syntax:

| | |
|------------|-----------------------|
| <leafId> | Leaf id |
| <portChan> | <Port channel number> |

Command Mode: exec : Exec Mode

Command Path:

```
# show stats granularity <granularity-value> [history] [cumulative] leaf <leafId> interface  
portchannel <portChan>
```


show stats granularity leaf interface vethernet

show stats granularity <granularity-value> [history] [cumulative] leaf <leafId> interface vethernet <phyInt>

Description: vethernet ID

Syntax:

| | |
|----------|--|
| <leafId> | Leaf id |
| <phyInt> | <slot or chassis-number/port or slot number> |

Command Mode: exec : Exec Mode

Command Path:

```
# show stats granularity <granularity-value> [history] [cumulative] leaf <leafId> interface  
vethernet <phyInt>
```

show stats granularity leaf inventory chassis

show stats granularity <granularity-value> [history] [cumulative] leaf <leafId> inventory chassis

Description: Show inventory chassis information

Syntax:

| | |
|-----------------------|---------|
| <i><leafId></i> | Leaf id |
|-----------------------|---------|

Command Mode: exec : Exec Mode

Command Path:

```
# show stats granularity <granularity-value> [history] [cumulative] leaf <leafId> inventory chassis
```

show stats granularity leaf inventory fans

show stats granularity <granularity-value> [history] [cumulative] leaf <leafId> inventory fans <ftSlot>

Description: Show inventory fan information

Syntax:

| | |
|-----------------------|---------------------------|
| <i><leafId></i> | Leaf id |
| <i><ftSlot></i> | pls enter fan tray number |

Command Mode: exec : Exec Mode

Command Path:

```
# show stats granularity <granularity-value> [history] [cumulative] leaf <leafId> inventory fans <ftSlot>
```

show stats granularity leaf inventory powersupply

show stats granularity <granularity-value> [history] [cumulative] leaf <leafId> inventory powersupply <psuSlot>

Description: Show inventory power supply information

Syntax:

| | |
|-----------|----------------------------------|
| <leafId> | Leaf id |
| <psuSlot> | pls enter the powersupply number |

Command Mode: exec : Exec Mode

Command Path:

```
# show stats granularity <granularity-value> [history] [cumulative] leaf <leafId> inventory powersupply <psuSlot>
```

show stats granularity leaf inventory supervisor

show stats granularity <granularity-value> [history] [cumulative] leaf <leafId> inventory supervisor <supMod>

Description: Show information for supervisor module

Syntax:

| | |
|-----------------------|--|
| <i><leafId></i> | Leaf id |
| <i><supMod></i> | pls enter the supervisor module number |

Command Mode: exec : Exec Mode

Command Path:

```
# show stats granularity <granularity-value> [history] [cumulative] leaf <leafId> inventory supervisor <supMod>
```

show stats granularity spine

show stats granularity <granularity-value> [history] [cumulative] spine <leafId>

Description: Show command for spine

Syntax:

| | |
|-----------------------|---------|
| <i><leafId></i> | Leaf id |
|-----------------------|---------|

Command Mode: exec : Exec Mode

Command Path:

```
# show stats granularity <granularity-value> [history] [cumulative] spine <leafId>
```

show stats granularity spine interface ethernet

show stats granularity <granularity-value> [history] [cumulative] spine <leafId> interface ethernet <phyInt>

Description: Ethernet IEEE 802.3z

Syntax:

| | |
|-----------------------|--|
| <i><leafId></i> | Leaf id |
| <i><phyInt></i> | <slot or chassis-number/port or slot number> |

Command Mode: exec : Exec Mode

Command Path:

```
# show stats granularity <granularity-value> [history] [cumulative] spine <leafId> interface ethernet <phyInt>
```

show stats granularity spine interface mgmt

show stats granularity <granularity-value> [history] [cumulative] spine <leafId> interface mgmt <mgmtPort>

Description: Management interface

Syntax:

| | |
|-------------------------|-------------------------------|
| <i><leafId></i> | Leaf id |
| <i><mgmtPort></i> | <Management interface number> |

Command Mode: exec : Exec Mode

Command Path:

```
# show stats granularity <granularity-value> [history] [cumulative] spine <leafId> interface  
mgmt <mgmtPort>
```


show stats granularity spine inventory chassis

show stats granularity <granularity-value> [history] [cumulative] spine <leafId> inventory chassis

Description: Show inventory chassis information

Syntax:

| | |
|-----------------------|---------|
| <i><leafId></i> | Leaf id |
|-----------------------|---------|

Command Mode: exec : Exec Mode

Command Path:

```
# show stats granularity <granularity-value> [history] [cumulative] spine <leafId> inventory chassis
```

show stats granularity spine inventory fabric

show stats granularity <granularity-value> [history] [cumulative] spine <leafId> inventory fabric <fcMod>

Description: Show information for fabric module

Syntax:

| | |
|-----------------------|------------------------------------|
| <i><leafId></i> | Leaf id |
| <i><fcMod></i> | pls enter the fabric module number |

Command Mode: exec : Exec Mode

Command Path:

```
# show stats granularity <granularity-value> [history] [cumulative] spine <leafId> inventory fabric <fcMod>
```

show stats granularity spine inventory fans

show stats granularity <granularity-value> [history] [cumulative] spine <leafId> inventory fans <ftSlot>

Description: Show inventory fan information

Syntax:

| | |
|-----------------------|---------------------------|
| <i><leafId></i> | Leaf id |
| <i><ftSlot></i> | pls enter fan tray number |

Command Mode: exec : Exec Mode

Command Path:

```
# show stats granularity <granularity-value> [history] [cumulative] spine <leafId> inventory fans <ftSlot>
```

show stats granularity spine inventory module

show stats granularity <granularity-value> [history] [cumulative] spine <leafId> inventory module <lcSlot>

Description: Show inventory module information

Syntax:

| | |
|----------|--------------------------------|
| <leafId> | Leaf id |
| <lcSlot> | please enter the module number |

Command Mode: exec : Exec Mode

Command Path:

```
# show stats granularity <granularity-value> [history] [cumulative] spine <leafId> inventory  
module <lcSlot>
```

show stats granularity spine inventory powersupply

show stats granularity <granularity-value> [history] [cumulative] spine <leafId> inventory powersupply <psuSlot>

Description: Show inventory power supply information

Syntax:

| | |
|-----------|----------------------------------|
| <leafId> | Leaf id |
| <psuSlot> | pls enter the powersupply number |

Command Mode: exec : Exec Mode

Command Path:

```
# show stats granularity <granularity-value> [history] [cumulative] spine <leafId> inventory powersupply <psuSlot>
```

show stats granularity spine inventory supervisor

show stats granularity <granularity-value> [history] [cumulative] spine <leafId> inventory supervisor <supMod>

Description: Show information for supervisor module

Syntax:

| | |
|----------|--|
| <leafId> | Leaf id |
| <supMod> | pls enter the supervisor module number |

Command Mode: exec : Exec Mode

Command Path:

```
# show stats granularity <granularity-value> [history] [cumulative] spine <leafId> inventory  
supervisor <supMod>
```

show stats granularity spine inventory system

show stats granularity <granularity-value> [history] [cumulative] spine <leafId> inventory system <sysMod>

Description: Show information for system module

Syntax:

| | |
|-----------------------|------------------------------------|
| <i><leafId></i> | Leaf id |
| <i><sysMod></i> | pls enter the system module number |

Command Mode: exec : Exec Mode

Command Path:

```
# show stats granularity <granularity-value> [history] [cumulative] spine <leafId> inventory system <sysMod>
```

show stats granularity tenant

show stats granularity <granularity-value> [history] [cumulative] tenant WORD

Description: Show Tenants Information

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
|-------------|---|

Command Mode: exec : Exec Mode

Command Path:

```
# show stats granularity <granularity-value> [history] [cumulative] tenant WORD
```


show stats granularity tenant application

show stats granularity <granularity-value> [history] [cumulative] tenant WORD application WORD

Description: Show Application Profiles Information

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the application we eventually want to filter on (Max Size 64) |

Command Mode: exec : Exec Mode

Command Path:

```
# show stats granularity <granularity-value> [history] [cumulative] tenant WORD application  
WORD
```

show stats granularity tenant application epg

show stats granularity <granularity-value> [history] [cumulative] tenant WORD application WORD epg WORD

Description: Show Application EPG Information

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the application we eventually want to filter on (Max Size 64) |
| <i>WORD</i> | Name of the AEPG to filter on (Max Size 64) |

Command Mode: exec : Exec Mode

Command Path:

```
# show stats granularity <granularity-value> [history] [cumulative] tenant WORD application  
WORD epg WORD
```

show stats granularity tenant dnsservergroup

show stats granularity <granularity-value> [history] [cumulative] tenant WORD dnsservergroup WORD

Description: Show Dns Server Group Information

Syntax:

| | |
|-------------|--|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the dns server group we eventually want to filter on (Max Size 16) |

Command Mode: exec : Exec Mode

Command Path:

```
# show stats granularity <granularity-value> [history] [cumulative] tenant WORD dnsservergroup  
WORD
```

show stats granularity tenant dnsservergroup server

show stats granularity <granularity-value> [history] [cumulative] tenant WORD dnsservergroup WORD server WORD

Description: Show Dns Server Information

Syntax:

| | |
|-------------|--|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the dns server group we eventually want to filter on (Max Size 16) |
| <i>WORD</i> | IP of server we eventually want to filter on (Max Size None) |

Command Mode: exec : Exec Mode

Command Path:

```
# show stats granularity <granularity-value> [history] [cumulative] tenant WORD dnsservergroup  
WORD server WORD
```

show stats granularity tenant dnsservergroup server domain

show stats granularity <granularity-value> [history] [cumulative] tenant WORD dnsservergroup WORD server WORD domain WORD

Description: Show Dns Domain Information

Syntax:

| | |
|-------------|--|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the dns server group we eventually want to filter on (Max Size 16) |
| <i>WORD</i> | IP of server we eventually want to filter on (Max Size None) |
| <i>WORD</i> | Domain we eventually want to filter on (Max Size 512) |

Command Mode: exec : Exec Mode

Command Path:

```
# show stats granularity <granularity-value> [history] [cumulative] tenant WORD dnsservergroup  
WORD server WORD domain WORD
```

show stats granularity tenant dot1q-tunnel

show stats granularity <granularity-value> [history] [cumulative] tenant WORD dot1q-tunnel WORD

Description: Show Dot1q-tunnel Information

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the TnIEPG to filter on (Max Size 64) |

Command Mode: exec : Exec Mode

Command Path:

```
# show stats granularity <granularity-value> [history] [cumulative] tenant WORD dot1q-tunnel  
WORD
```

show stats granularity tenant multicast-route-maps

show stats granularity <granularity-value> [history] [cumulative] tenant WORD multicast-route-maps

Description: Show multicast route-maps per Tenant

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
|-------------|---|

Command Mode: exec : Exec Mode

Command Path:

```
# show stats granularity <granularity-value> [history] [cumulative] tenant WORD
multicast-route-maps
```

show stats granularity tenant vrf

show stats granularity <granularity-value> [history] [cumulative] tenant WORD vrf WORD

Description: Show VRF Information

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the VRF to filter on (Max Size 64) |

Command Mode: exec : Exec Mode

Command Path:

```
# show stats granularity <granularity-value> [history] [cumulative] tenant WORD vrf WORD
```


show stats granularity tenant vrf aclog l2

show stats granularity <granularity-value> [history] [cumulative] tenant WORD vrf WORD aclog <permitDrop> l2 flow vlan <NUMBER> srcintf <srcintf>

Description: L2 flow stats

Syntax:

| | |
|-------------------|--|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the VRF to filter on (Max Size 64) |
| <i>permitDrop</i> | permitDrop |
| flow | flowi stats |
| vlan | vlan info |
| <vlan> | <vlan>. Number range from=0 to=9223372036854775807 |
| srcintf | source interface |
| <srcintf> | <srcintf> |

Command Mode: exec : Exec Mode

Command Path:

```
# show stats granularity <granularity-value> [history] [cumulative] tenant WORD vrf WORD
aclog <permitDrop> l2 flow vlan <NUMBER> srcintf <srcintf>
```

show stats granularity tenant vrf aclog l3

show stats granularity <granularity-value> [history] [cumulative] tenant **WORD** vrf **WORD** aclog <permitDrop> **l3** flow srcpctag <srcpctag> dstpctag <dstpctag> srcepname <srcepname> dstepname <dstepname> srcip <A.B.C.D or A:B::C:D> dstip <A.B.C.D or A:B::C:D> proto <proto> srcport <srcport> dstport <dstport> srcintf <srcintf>

Description: L3 flow stats

Syntax:

| | |
|----------------------------|--|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the VRF to filter on (Max Size 64) |
| <i>permitDrop</i> | permitDrop |
| flow | flow stats |
| srcpctag | source pc tag |
| < <i>srcpctag</i> > | <srcpctag> |
| dstpctag | destination pc tag |
| < <i>dstpctag</i> > | <dstpctag> |
| srcepname | source epg name |
| < <i>srcepname</i> > | <srcepname> |
| dstepname | destination epg name |
| < <i>dstepname</i> > | <dstepname> |
| srcip | source ip |
| <i>A.B.C.D or A:B::C:D</i> | IP address in format i.i.i.i or IPv6 address in format xxxx:xxxx, xxxx::xx |
| dstip | destination ip |
| <i>A.B.C.D or A:B::C:D</i> | IP address in format i.i.i.i or IPv6 address in format xxxx:xxxx, xxxx::xx |
| proto | protocol |
| < <i>proto</i> > | <proto> |
| srcport | source port |
| < <i>srcport</i> > | <srcport> |
| dstport | destination port |
| < <i>dstport</i> > | <dstport> |

| | |
|-----------|------------------|
| srcintf | source interface |
| <srcintf> | <srcintf> |

Command Mode: exec : Exec Mode

Command Path:

```
# show stats granularity <granularity-value> [history] [cumulative] tenant WORD vrf WORD
acllog <permitDrop> l3 flow srcpctag <srcpctag> dstpctag <dstpctag> srcepname <srcepname>
  dstepname <dstepname> srcip <A.B.C.D or A:B::C:D> dstip <A.B.C.D or A:B::C:D> proto
<proto> srcport <srcport> dstport <dstport> srcintf <srcintf>
```

show stats granularity tenant vrf detail

show stats granularity <granularity-value> [history] [cumulative] tenant WORD vrf WORD detail

Description: Show detailed view of VRF

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the VRF to filter on (Max Size 64) |

Command Mode: exec : Exec Mode

Command Path:

```
# show stats granularity <granularity-value> [history] [cumulative] tenant WORD vrf WORD detail
```

show stats granularity tenant vrf external-l3 bgp

show stats granularity <granularity-value> [history] [cumulative] tenant WORD vrf WORD external-l3 bgp

Description: Show command for BGP peers

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the VRF to filter on (Max Size 64) |

Command Mode: exec : Exec Mode

Command Path:

```
# show stats granularity <granularity-value> [history] [cumulative] tenant WORD vrf WORD  
external-l3 bgp
```

show stats granularity tenant vrf external-l3 bgp node

show stats granularity <granularity-value> [history] [cumulative] tenant WORD vrf WORD external-l3 bgp node <101-4000>

Description: node to filter on

Syntax:

| | |
|-------------------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the VRF to filter on (Max Size 64) |
| <i><101-4000></i> | Leaf Range or Leaf Name List |

Command Mode: exec : Exec Mode

Command Path:

```
# show stats granularity <granularity-value> [history] [cumulative] tenant WORD vrf WORD
external-l3 bgp node <101-4000>
```

show stats granularity tenant vrf external-l3 eigrp

show stats granularity <granularity-value> [history] [cumulative] tenant WORD vrf WORD external-l3 eigrp

Description: Show external l3 EIGRP

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the VRF to filter on (Max Size 64) |

Command Mode: exec : Exec Mode

Command Path:

```
# show stats granularity <granularity-value> [history] [cumulative] tenant WORD vrf WORD  
external-l3 eigrp
```

show stats granularity tenant vrf external-l3 eigrp detail

show stats granularity <granularity-value> [history] [cumulative] tenant WORD vrf WORD external-l3 eigrp detail

Description: Show interanl details

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the VRF to filter on (Max Size 64) |

Command Mode: exec : Exec Mode

Command Path:

```
# show stats granularity <granularity-value> [history] [cumulative] tenant WORD vrf WORD external-l3 eigrp detail
```


show stats granularity tenant vrf external-l3 epg

show stats granularity <granularity-value> [history] [cumulative] tenant WORD vrf WORD external-l3 epg <epgName>

Description: Show command for external-l3 epgs

Syntax:

| | |
|------------------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the VRF to filter on (Max Size 64) |
| <i><epgName></i> | Name of the EPG to filter on |

Command Mode: exec : Exec Mode

Command Path:

```
# show stats granularity <granularity-value> [history] [cumulative] tenant WORD vrf WORD  
external-l3 epg <epgName>
```

show stats granularity tenant vrf external-l3 epg detail

show stats granularity <granularity-value> [history] [cumulative] tenant WORD vrf WORD external-l3 epg <epgName> detail

Description: external-l3 epg in detail with operational status

Syntax:

| | |
|------------------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the VRF to filter on (Max Size 64) |
| <i><epgName></i> | Name of the EPG to filter on |

Command Mode: exec : Exec Mode

Command Path:

```
# show stats granularity <granularity-value> [history] [cumulative] tenant WORD vrf WORD  
external-l3 epg <epgName> detail
```

show stats granularity tenant vrf external-l3 epg name

show stats granularity <granularity-value> [history] [cumulative] tenant WORD vrf WORD external-l3 epg <epgName> name <epgName>

Description: EPG name to filter on

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the VRF to filter on (Max Size 64) |
| <epgName> | Name of the EPG to filter on |
| <epgName> | Name of the EPG to filter on |

Command Mode: exec : Exec Mode

Command Path:

```
# show stats granularity <granularity-value> [history] [cumulative] tenant WORD vrf WORD
external-l3 epg <epgName> name <epgName>
```

show stats granularity tenant vrf external-l3 epg name detail

show stats granularity <granularity-value> [history] [cumulative] tenant WORD vrf WORD external-l3 epg <epgName> name <epgName> detail

Description: external-l3 epg in detail with operational status

Syntax:

| | |
|------------------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the VRF to filter on (Max Size 64) |
| <i><epgName></i> | Name of the EPG to filter on |
| <i><epgName></i> | Name of the EPG to filter on |

Command Mode: exec : Exec Mode

Command Path:

```
# show stats granularity <granularity-value> [history] [cumulative] tenant WORD vrf WORD
external-l3 epg <epgName> name <epgName> detail
```

show stats granularity tenant vrf external-l3 interfaces

show stats granularity <granularity-value> [history] [cumulative] tenant WORD vrf WORD external-l3 interfaces

Description: Show tenant <tenant> vrf <vrf> external l3 interfaces

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the VRF to filter on (Max Size 64) |

Command Mode: exec : Exec Mode

Command Path:

```
# show stats granularity <granularity-value> [history] [cumulative] tenant WORD vrf WORD  
external-l3 interfaces
```

show stats granularity tenant vrf external-l3 interfaces detail

show stats granularity <granularity-value> [history] [cumulative] tenant **WORD** vrf **WORD** external-l3 interfaces detail

Description: Show interfaces details

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the VRF to filter on (Max Size 64) |

Command Mode: exec : Exec Mode

Command Path:

```
# show stats granularity <granularity-value> [history] [cumulative] tenant WORD vrf WORD external-l3 interfaces detail
```

show stats granularity tenant vrf external-l3 ospf

show stats granularity <granularity-value> [history] [cumulative] tenant WORD vrf WORD external-l3 ospf

Description: Show command for IPv4 and IPv6 external l3 OSPF configuration

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the VRF to filter on (Max Size 64) |

Command Mode: exec : Exec Mode

Command Path:

```
# show stats granularity <granularity-value> [history] [cumulative] tenant WORD vrf WORD  
external-l3 ospf
```

show stats granularity tenant vrf external-l3 ospf detail

show stats granularity <granularity-value> [history] [cumulative] tenant WORD vrf WORD external-l3 ospf detail

Description: Show internal details

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the VRF to filter on (Max Size 64) |

Command Mode: exec : Exec Mode

Command Path:

```
# show stats granularity <granularity-value> [history] [cumulative] tenant WORD vrf WORD external-l3 ospf detail
```


show stats granularity tenant vrf external-l3 scale

show stats granularity <granularity-value> [history] [cumulative] tenant WORD vrf WORD external-l3 scale

Description: scale command

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the VRF to filter on (Max Size 64) |

Command Mode: exec : Exec Mode

Command Path:

```
# show stats granularity <granularity-value> [history] [cumulative] tenant WORD vrf WORD  
external-l3 scale
```

show stats granularity tenant vrf external-l3 scale detail

show stats granularity <granularity-value> [history] [cumulative] tenant WORD vrf WORD external-l3 scale detail

Description: Show scale details

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the VRF to filter on (Max Size 64) |

Command Mode: exec : Exec Mode

Command Path:

```
# show stats granularity <granularity-value> [history] [cumulative] tenant WORD vrf WORD external-l3 scale detail
```

show stats granularity tenant vrf external-l3 static-route

show stats granularity <granularity-value> [history] [cumulative] tenant WORD vrf WORD external-l3 static-route

Description: Show command for external-l3 static routes

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the VRF to filter on (Max Size 64) |

Command Mode: exec : Exec Mode

Command Path:

```
# show stats granularity <granularity-value> [history] [cumulative] tenant WORD vrf WORD external-l3 static-route
```

show stats granularity tenant vrf external-l3 static-route detail

show stats granularity <granularity-value> [history] [cumulative] tenant WORD vrf WORD external-l3 static-route detail

Description: static-route in detail with operational status

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the VRF to filter on (Max Size 64) |

Command Mode: exec : Exec Mode

Command Path:

```
# show stats granularity <granularity-value> [history] [cumulative] tenant WORD vrf WORD  
external-l3 static-route detail
```

show stats granularity tenant vrf external-l3 static-route node

show stats granularity <granularity-value> [history] [cumulative] tenant WORD vrf WORD external-l3 static-route node

Description: node to filter on

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the VRF to filter on (Max Size 64) |
| <i>arg</i> | Leaf Range or Leaf Name List |

Command Mode: exec : Exec Mode

Command Path:

```
# show stats granularity <granularity-value> [history] [cumulative] tenant WORD vrf WORD  
external-l3 static-route node
```

show stats granularity tenant vrf external-l3 static-route node detail

show stats granularity <granularity-value> [history] [cumulative] tenant WORD vrf WORD external-l3 static-route node detail

Description: static-route in detail with operational status

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the VRF to filter on (Max Size 64) |
| <i>arg</i> | Leaf Range or Leaf Name List |

Command Mode: exec : Exec Mode

Command Path:

```
# show stats granularity <granularity-value> [history] [cumulative] tenant WORD vrf WORD  
external-l3 static-route node detail
```

show stats granularity tenant vrf multicast

show stats granularity <granularity-value> [history] [cumulative] tenant WORD vrf WORD multicast

Description: Show multicast configuration per VRF

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the VRF to filter on (Max Size 64) |

Command Mode: exec : Exec Mode

Command Path:

```
# show stats granularity <granularity-value> [history] [cumulative] tenant WORD vrf WORD
multicast
```

show switch

show switch

Description: Show switch information

Command Mode: exec : Exec Mode

Command Path:

```
# show switch
```


show switch detail

show switch detail [id <switch-id>]

Description: Show switch detailed information

Syntax:

| | |
|------------------|---|
| <i>switch-id</i> | (Optional) Optional switch id. Number range from=0 to=9223372036854775807 |
|------------------|---|

Command Mode: exec : Exec Mode

Command Path:

```
# show switch detail [id <switch-id>]
```

show tacacs-server

show tacacs-server

Description: Show tacacs server information

Command Mode: exec : Exec Mode

Command Path:

```
# show tacacs-server
```

show techsupport all

show techsupport all status

Description: Techsupport status for all

Syntax:

| | |
|--------|--------|
| status | Status |
|--------|--------|

Command Mode: exec : Exec Mode

Command Path:

```
# show techsupport all status
```

show techsupport controllers

show techsupport controllers status

Description: Techsupport status for controllers

Syntax:

| | |
|--------|--------|
| status | Status |
|--------|--------|

Command Mode: exec : Exec Mode

Command Path:

```
# show techsupport controllers status
```

show techsupport host

show techsupport host <NUMBER> status

Description: Techsupport status for host

Syntax:

| | |
|-----------------------|---|
| <i><Odevid></i> | Specify the host Odev ID. Number range from=0 to=9223372036854775807 |
| status | Status |

Command Mode: exec : Exec Mode

Command Path:

```
# show techsupport host <NUMBER> status
```

show techsupport switch

show techsupport switch switchId <switchId> status

Description: Techsupport status for switch

Syntax:

| | |
|-------------------------------------|---|
| <i>switchId</i> < <i>switchId</i> > | switch id 101-4000 or range(s): 101-103,104 |
| status | Status |

Command Mode: exec : Exec Mode

Command Path:

```
# show techsupport switch switchId <switchId> status
```

show tenant

show tenant WORD

Description: Show Tenants Information

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
|-------------|---|

Command Mode: exec : Exec Mode

Command Path:

```
# show tenant WORD
```

show tenant access-list

show tenant WORD access-list WORD

Description: Show Access-list Information

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the Contract to filter on (Max Size 64) |

Command Mode: exec : Exec Mode

Command Path:

```
# show tenant WORD access-list WORD
```


show tenant application

show tenant WORD application WORD

Description: Show Application Profiles Information

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the application we eventually want to filter on (Max Size 64) |

Command Mode: exec : Exec Mode

Command Path:

```
# show tenant WORD application WORD
```

show tenant application endpoints

show tenant WORD application WORD endpoints [type <type>] [mac <E.E.E EE-EE-EE-EE-EE-EE EE:EE:EE:EE:EE:EE EEEE.EEEE.EEEE >] [vlan <NUMBER>] [ip <A.B.C.D>] [ipv6 <A:B::C:D>]

Description: Show IP endpoints

Syntax:

| | |
|---|--|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the application we eventually want to filter on (Max Size 64) |
| <i>type</i> | (Optional) Endpoint Type |
| <i>E.E.E EE-EE-EE-EE-EE-EE EE:EE:EE:EE:EE:EE EEEE.EEEE.EEEE</i> | (Optional) MAC address (Option 1) MAC address (Option 2) MAC address (Option 3) MAC address (Option 4) |
| <1-4094> | (Optional) Encapsulation Vlan. Number range from=1 to=4094 |
| <i>A.B.C.D</i> | (Optional) IP Unicast address in format i.i.i.i |
| <i>A:B::C:D</i> | (Optional) IPv6 address in format xxxx:xxxx, xxxx::xx |

Command Mode: exec : Exec Mode

Command Path:

```
# show tenant WORD application WORD endpoints [type <type>] [mac <E.E.E EE-EE-EE-EE-EE-EE  
EE:EE:EE:EE:EE:EE EEEE.EEEE.EEEE >] [vlan <NUMBER>] [ip <A.B.C.D>] [ipv6 <A:B::C:D>]
```

show tenant application endpoints leaf interface ethernet

show tenant WORD application WORD endpoints [type <type>] [mac <E.E.E EE-EE-EE-EE-EE-EE EE:EE:EE:EE:EE:EE EEEE.EEEE.EEEE >] [vlan <NUMBER>] [ip <A.B.C.D>] [ipv6 <A:B::C:D>] leaf <WORD> interface ethernet ethernet [<fex>/<slot>/<port>

Description: Show IP endpoints on an interface ethernet

Syntax:

| | |
|---|--|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the application we eventually want to filter on (Max Size 64) |
| <i>type</i> | (Optional) Endpoint Type |
| <i>E.E.E EE-EE-EE-EE-EE-EE EE:EE:EE:EE:EE:EE EEEE.EEEE.EEEE</i> | (Optional) MAC address (Option 1) MAC address (Option 2) MAC address (Option 3) MAC address (Option 4) |
| <i><1-4094></i> | (Optional) Encapsulation Vlan. Number range from=1 to=4094 |
| <i>A.B.C.D</i> | (Optional) IP Unicast address in format i.i.i.i |
| <i>A:B::C:D</i> | (Optional) IPv6 address in format xxxx:xxxx, xxxx::xx |
| <i>WORD</i> | Leaf Number (Max Size 4000). Number range from=0 to=9223372036854775807 |
| <i>ethernet [<fex>/<slot>/<port></i> | Ethernet Range |

Command Mode: exec : Exec Mode

Command Path:

```
# show tenant WORD application WORD endpoints [type <type>] [mac <E.E.E EE-EE-EE-EE-EE-EE EE:EE:EE:EE:EE:EE EEEE.EEEE.EEEE >] [vlan <NUMBER>] [ip <A.B.C.D>] [ipv6 <A:B::C:D>] leaf <WORD> interface ethernet ethernet [<fex>/<slot>/<port>
```

show tenant application endpoints leaf interface port-channel

show tenant WORD application WORD endpoints [type <type>] [mac <E.E.E EE-EE-EE-EE-EE-EE EE:EE:EE:EE:EE:EE EEEE.EEEE.EEEE >] [vlan <NUMBER>] [ip <A.B.C.D>] [ipv6 <A:B::C:D>] leaf <WORD> interface port-channel <WORD> [fex <NUMBER>]

Description: Show IP endpoints on an interface port-channel

Syntax:

| | |
|---|--|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the application we eventually want to filter on (Max Size 64) |
| <i>type</i> | (Optional) Endpoint Type |
| <i>E.E.E EE-EE-EE-EE-EE-EE EE:EE:EE:EE:EE:EE EEEE.EEEE.EEEE</i> | (Optional) MAC address (Option 1) MAC address (Option 2) MAC address (Option 3) MAC address (Option 4) |
| <i><1-4094></i> | (Optional) Encapsulation Vlan. Number range from=1 to=4094 |
| <i>A.B.C.D</i> | (Optional) IP Unicast address in format i.i.i.i |
| <i>A:B::C:D</i> | (Optional) IPv6 address in format xxxx:xxxx, xxxx::xx |
| <i>WORD</i> | Leaf Number (Max Size 4000). Number range from=0 to=9223372036854775807 |
| <i>WORD</i> | Port Channel Name (Max Size 64) |
| <i><101-199></i> | (Optional) Fex Id. Number range from=101 to=199 |

Command Mode: exec : Exec Mode

Command Path:

```
# show tenant WORD application WORD endpoints [type <type>] [mac <E.E.E EE-EE-EE-EE-EE-EE  
EE:EE:EE:EE:EE:EE EEEE.EEEE.EEEE >] [vlan <NUMBER>] [ip <A.B.C.D>] [ipv6 <A:B::C:D>] leaf  
<WORD> interface port-channel <WORD> [fex <NUMBER>]
```

show tenant application endpoints vpc

show tenant *WORD* **application** *WORD* **endpoints** [*type* <type>] [*mac* <E.E.E EE-EE-EE-EE-EE-EE EE:EE:EE:EE:EE:EE EEEE.EEEE.EEEE >] [*vlan* <NUMBER>] [*ip* <A.B.C.D>] [*ipv6* <A:B::C:D>] **vpc context** <WORD> <WORD> **interface vpc** <WORD> [*fex* <fex>]

Description: Show IP endpoints on vpc

Syntax:

| | |
|---|--|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the application we eventually want to filter on (Max Size 64) |
| <i>type</i> | (Optional) Endpoint Type |
| <i>E.E.E EE-EE-EE-EE-EE-EE EE:EE:EE:EE:EE:EE EEEE.EEEE.EEEE</i> > | (Optional) MAC address (Option 1) MAC address (Option 2) MAC address (Option 3) MAC address (Option 4) |
| < <i>1-4094</i> > | (Optional) Encapsulation Vlan. Number range from=1 to=4094 |
| <i>A.B.C.D</i> | (Optional) IP Unicast address in format i.i.i.i |
| <i>A:B::C:D</i> | (Optional) IPv6 address in format xxxx:xxxx, xxxx::xx |
| context | VPC Context |
| <i>WORD</i> | First VPC leaf (Max Size 4000). Number range from=0 to=9223372036854775807 |
| <i>WORD</i> | Second VPC leaf (Max Size 4000). Number range from=0 to=9223372036854775807 |
| interface | VPC Interface name |
| vpc | VPC Interface name |
| <i>WORD</i> | VPC Name (Max Size 64) |
| <i>fex</i> | (Optional) Fex Id. Number range from=101 to=199 |

Command Mode: exec : Exec Mode

Command Path:

```
# show tenant WORD application WORD endpoints [type <type>] [mac <E.E.E EE-EE-EE-EE-EE-EE EE:EE:EE:EE:EE:EE EEEE.EEEE.EEEE >] [vlan <NUMBER>] [ip <A.B.C.D>] [ipv6 <A:B::C:D>] vpc context <WORD> <WORD> interface vpc <WORD> [fex <fex>]
```

show tenant application epg

show tenant WORD application WORD epg WORD

Description: Show Application EPG Information

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the application we eventually want to filter on (Max Size 64) |
| <i>WORD</i> | Name of the AEPG to filter on (Max Size 64) |

Command Mode: exec : Exec Mode

Command Path:

```
# show tenant WORD application WORD epg WORD
```

show tenant application epg detail

show tenant WORD application WORD epg WORD detail

Description: Show detailed view of Application EPg

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the application we eventually want to filter on (Max Size 64) |
| <i>WORD</i> | Name of the AEPG to filter on (Max Size 64) |

Command Mode: exec : Exec Mode

Command Path:

```
# show tenant WORD application WORD epg WORD detail
```

show tenant application epg endpoints

show tenant WORD application WORD epg WORD endpoints [*type* <type>] [*mac* <E.E.E EE-EE-EE-EE-EE-EE EE:EE:EE:EE:EE:EE EEEE.EEEE.EEEE >] [*vlan* <NUMBER>] [*ip* <A.B.C.D>] [*ipv6* <A:B::C:D>]

Description: Show IP endpoints

Syntax:

| | |
|---|--|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the application we eventually want to filter on (Max Size 64) |
| <i>WORD</i> | Name of the AEPG to filter on (Max Size 64) |
| <i>type</i> | (Optional) Endpoint Type |
| <i>E.E.E EE-EE-EE-EE-EE-EE EE:EE:EE:EE:EE:EE EEEE.EEEE.EEEE</i> | (Optional) MAC address (Option 1) MAC address (Option 2) MAC address (Option 3) MAC address (Option 4) |
| <1-4094> | (Optional) Encapsulation Vlan. Number range from=1 to=4094 |
| <i>A.B.C.D</i> | (Optional) IP Unicast address in format i.i.i.i |
| <i>A:B::C:D</i> | (Optional) IPv6 address in format xxxx:xxxx, xxxx::xx |

Command Mode: exec : Exec Mode

Command Path:

```
# show tenant WORD application WORD epg WORD endpoints [type <type>] [mac <E.E.E  
EE-EE-EE-EE-EE-EE EE:EE:EE:EE:EE:EE EEEE.EEEE.EEEE >] [vlan <NUMBER>] [ip <A.B.C.D>] [ipv6  
<A:B::C:D>]
```


show tenant application epg endpoints leaf interface ethernet

show tenant WORD application WORD epg WORD endpoints [type <type>] [mac <E.E.E EE-EE-EE-EE-EE-EE EE:EE:EE:EE:EE:EE EEEE.EEEE.EEEE >] [vlan <NUMBER>] [ip <A.B.C.D>] [ipv6 <A:B::C:D>] leaf <WORD> interface ethernet ethernet [<fex>/<slot>/<port>]

Description: Show IP endpoints on an interface ethernet

Syntax:

| | |
|--|--|
| WORD | Name of the tenant to filter on (Max Size 63) |
| WORD | Name of the application we eventually want to filter on (Max Size 64) |
| WORD | Name of the AEPG to filter on (Max Size 64) |
| type | (Optional) Endpoint Type |
| E.E.E EE-EE-EE-EE-EE-EE EE:EE:EE:EE:EE:EE EEEE.EEEE.EEEE | (Optional) MAC address (Option 1) MAC address (Option 2) MAC address (Option 3) MAC address (Option 4) |
| <1-4094> | (Optional) Encapsulation Vlan. Number range from=1 to=4094 |
| A.B.C.D | (Optional) IP Unicast address in format i.i.i.i |
| A:B::C:D | (Optional) IPv6 address in format xxxx:xxxx, xxxx::xx |
| WORD | Leaf Number (Max Size 4000). Number range from=0 to=9223372036854775807 |
| ethernet [<fex>/<slot>/<port>] | Ethernet Range |

Command Mode: exec : Exec Mode

Command Path:

```
# show tenant WORD application WORD epg WORD endpoints [type <type>] [mac <E.E.E  
EE-EE-EE-EE-EE-EE EE:EE:EE:EE:EE:EE EEEE.EEEE.EEEE >] [vlan <NUMBER>] [ip <A.B.C.D>] [ipv6  
<A:B::C:D>] leaf <WORD> interface ethernet ethernet [<fex>/<slot>/<port>]
```

show tenant application epg endpoints leaf interface port-channel

show tenant WORD application WORD epg WORD endpoints [type <type>] [mac <E.E.E EE-EE-EE-EE-EE-EE EE:EE:EE:EE:EE:EE EEEE.EEEE.EEEE >] [vlan <NUMBER>] [ip <A.B.C.D>] [ipv6 <A:B::C:D>] leaf <WORD> interface port-channel <WORD> [fex <NUMBER>]

Description: Show IP endpoints on an interface port-channel

Syntax:

| | |
|---|--|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the application we eventually want to filter on (Max Size 64) |
| <i>WORD</i> | Name of the AEPG to filter on (Max Size 64) |
| <i>type</i> | (Optional) Endpoint Type |
| <i>E.E.E EE-EE-EE-EE-EE-EE EE:EE:EE:EE:EE:EE EEEE.EEEE.EEEE</i> | (Optional) MAC address (Option 1) MAC address (Option 2) MAC address (Option 3) MAC address (Option 4) |
| <i><1-4094></i> | (Optional) Encapsulation Vlan. Number range from=1 to=4094 |
| <i>A.B.C.D</i> | (Optional) IP Unicast address in format i.i.i.i |
| <i>A:B::C:D</i> | (Optional) IPv6 address in format xxxx:xxxx, xxxx::xx |
| <i>WORD</i> | Leaf Number (Max Size 4000). Number range from=0 to=9223372036854775807 |
| <i>WORD</i> | Port Channel Name (Max Size 64) |
| <i><101-199></i> | (Optional) Fex Id. Number range from=101 to=199 |

Command Mode: exec : Exec Mode

Command Path:

```
# show tenant WORD application WORD epg WORD endpoints [type <type>] [mac <E.E.E  
EE-EE-EE-EE-EE-EE EE:EE:EE:EE:EE:EE EEEE.EEEE.EEEE >] [vlan <NUMBER>] [ip <A.B.C.D>] [ipv6  
<A:B::C:D>] leaf <WORD> interface port-channel <WORD> [fex <NUMBER>]
```

show tenant application epg endpoints vpc

```
show tenant WORD application WORD epg WORD endpoints [type <type>] [mac <E.E.E EE-EE-EE-EE-EE-EE EE:EE:EE:EE:EE:EE EEEE.EEEE.EEEE >] [vlan <NUMBER>] [ip <A.B.C.D>] [ipv6 <A:B::C:D>] vpc context <WORD> <WORD> interface vpc <WORD> [fex <fex>]
```

Description: Show IP endpoints on vpc

Syntax:

| | |
|---|--|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the application we eventually want to filter on (Max Size 64) |
| <i>WORD</i> | Name of the AEPG to filter on (Max Size 64) |
| <i>type</i> | (Optional) Endpoint Type |
| <i>E.E.E EE-EE-EE-EE-EE-EE EE:EE:EE:EE:EE:EE EEEE.EEEE.EEEE</i> | (Optional) MAC address (Option 1) MAC address (Option 2) MAC address (Option 3) MAC address (Option 4) |
| <i><1-4094></i> | (Optional) Encapsulation Vlan. Number range from=1 to=4094 |
| <i>A.B.C.D</i> | (Optional) IP Unicast address in format i.i.i.i |
| <i>A:B::C:D</i> | (Optional) IPv6 address in format xxxx:xxxx, xxxx::xx |
| context | VPC Context |
| <i>WORD</i> | First VPC leaf (Max Size 4000). Number range from=0 to=9223372036854775807 |
| <i>WORD</i> | Second VPC leaf (Max Size 4000). Number range from=0 to=9223372036854775807 |
| interface | VPC Interface name |
| vpc | VPC Interface name |
| <i>WORD</i> | VPC Name (Max Size 64) |
| <i>fex</i> | (Optional) Fex Id. Number range from=101 to=199 |

Command Mode: exec : Exec Mode

Command Path:

```
# show tenant WORD application WORD epg WORD endpoints [type <type>] [mac <E.E.E EE-EE-EE-EE-EE-EE EE:EE:EE:EE:EE:EE EEEE.EEEE.EEEE >] [vlan <NUMBER>] [ip <A.B.C.D>] [ipv6 <A:B::C:D>] vpc context <WORD> <WORD> interface vpc <WORD> [fex <fex>]
```

show tenant bridge-domain

show tenant WORD bridge-domain WORD

Description: Show Bridge-domain Information

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the bridge-domain (Max Size 64) |

Command Mode: exec : Exec Mode

Command Path:

```
# show tenant WORD bridge-domain WORD
```

show tenant bridge-domain detail

show tenant WORD bridge-domain WORD detail

Description: Show Bridge-domain Detailed Information

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the bridge-domain (Max Size 64) |

Command Mode: exec : Exec Mode

Command Path:

```
# show tenant WORD bridge-domain WORD detail
```

show tenant bridge-domain first-hop-security binding-table

show tenant WORD bridge-domain WORD first-hop-security binding-table

Description: Show Bridge-domain Binding Table Information

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the bridge-domain (Max Size 64) |

Command Mode: exec : Exec Mode

Command Path:

```
# show tenant WORD bridge-domain WORD first-hop-security binding-table
```

show tenant bridge-domain first-hop-security statistics arp

show tenant WORD bridge-domain WORD first-hop-security statistics arp

Description: Show Bridge-domain First Hop Security ARP Statistics

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the bridge-domain (Max Size 64) |

Command Mode: exec : Exec Mode

Command Path:

```
# show tenant WORD bridge-domain WORD first-hop-security statistics arp
```

show tenant bridge-domain first-hop-security statistics dhcpv4

show tenant WORD bridge-domain WORD first-hop-security statistics dhcpv4

Description: Show Bridge-domain First Hop Security DHCPv4 Statistics

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the bridge-domain (Max Size 64) |

Command Mode: exec : Exec Mode

Command Path:

```
# show tenant WORD bridge-domain WORD first-hop-security statistics dhcpv4
```


show tenant bridge-domain first-hop-security statistics dhcpv6

show tenant WORD bridge-domain WORD first-hop-security statistics dhcpv6

Description: Show Bridge-domain First Hop Security DHCPv6 Statistics

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the bridge-domain (Max Size 64) |

Command Mode: exec : Exec Mode

Command Path:

```
# show tenant WORD bridge-domain WORD first-hop-security statistics dhcpv6
```

show tenant bridge-domain first-hop-security statistics neighbor-discovery

show tenant WORD bridge-domain WORD first-hop-security statistics neighbor-discovery

Description: Show Bridge-domain First Hop Security Neighbor Discovery Statistics

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the bridge-domain (Max Size 64) |

Command Mode: exec : Exec Mode

Command Path:

```
# show tenant WORD bridge-domain WORD first-hop-security statistics neighbor-discovery
```

show tenant contract-type

show tenant WORD contract-type WORD

Description: Show Contracts Information Based on Type

Syntax:

| | |
|-------------|--|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | whitelist (permit) or blacklist(deny) or oob-mgmt type of contract |

Command Mode: exec : Exec Mode

Command Path:

```
# show tenant WORD contract-type WORD
```

show tenant contract

show tenant WORD contract WORD

Description: Show Contracts Information

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the Contract to filter on (Max Size 64) |

Command Mode: exec : Exec Mode

Command Path:

```
# show tenant WORD contract WORD
```

show tenant detail

show tenant WORD detail

Description: Show detailed view of tenant

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
|-------------|---|

Command Mode: exec : Exec Mode

Command Path:

```
# show tenant WORD detail
```

show tenant dnsservergroup

show tenant WORD dnsservergroup WORD

Description: Show Dns Server Group Information

Syntax:

| | |
|-------------|--|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the dns server group we eventually want to filter on (Max Size 16) |

Command Mode: exec : Exec Mode

Command Path:

```
# show tenant WORD dnsservergroup WORD
```

show tenant dnsservergroup server

show tenant WORD dnsservergroup WORD server WORD

Description: Show Dns Server Information

Syntax:

| | |
|-------------|--|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the dns server group we eventually want to filter on (Max Size 16) |
| <i>WORD</i> | IP of server we eventually want to filter on (Max Size None) |

Command Mode: exec : Exec Mode

Command Path:

```
# show tenant WORD dnsservergroup WORD server WORD
```

show tenant dnsservergroup server domain

show tenant WORD dnsservergroup WORD server WORD domain WORD

Description: Show Dns Domain Information

Syntax:

| | |
|-------------|--|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the dns server group we eventually want to filter on (Max Size 16) |
| <i>WORD</i> | IP of server we eventually want to filter on (Max Size None) |
| <i>WORD</i> | Domain we eventually want to filter on (Max Size 512) |

Command Mode: exec : Exec Mode

Command Path:

```
# show tenant WORD dnsservergroup WORD server WORD domain WORD
```


show tenant dot1q-tunnel

show tenant WORD dot1q-tunnel WORD

Description: Show Dot1q-tunnel Information

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the TnIEPG to filter on (Max Size 64) |

Command Mode: exec : Exec Mode

Command Path:

```
# show tenant WORD dot1q-tunnel WORD
```

show tenant endpoints

show tenant WORD endpoints [*type* <type>] [*mac* <E.E.E EE-EE-EE-EE-EE-EE EE:EE:EE:EE:EE:EE EEEE.EEEE.EEEE >] [*vlan* <NUMBER>] [*ip* <A.B.C.D>] [*ipv6* <A:B::C:D>]

Description: Show IP endpoints

Syntax:

| | |
|---|--|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>type</i> | (Optional) Endpoint Type |
| <i>E.E.E EE-EE-EE-EE-EE-EE EE:EE:EE:EE:EE:EE EEEE.EEEE.EEEE</i> | (Optional) MAC address (Option 1) MAC address (Option 2) MAC address (Option 3) MAC address (Option 4) |
| <1-4094> | (Optional) Encapsulation Vlan. Number range from=1 to=4094 |
| <i>A.B.C.D</i> | (Optional) IP Unicast address in format i.i.i.i |
| <i>A:B::C:D</i> | (Optional) IPv6 address in format xxxx:xxxx, xxxx::xx |

Command Mode: exec : Exec Mode

Command Path:

```
# show tenant WORD endpoints [type <type>] [mac <E.E.E EE-EE-EE-EE-EE-EE EE:EE:EE:EE:EE:EE  
EEEE.EEEE.EEEE >] [vlan <NUMBER>] [ip <A.B.C.D>] [ipv6 <A:B::C:D>]
```

show tenant endpoints leaf interface ethernet

```
show tenant WORD endpoints [type <type>] [mac <E.E.E EE-EE-EE-EE-EE-EE EE:EE:EE:EE:EE:EE EEEE.EEEE.EEEE >] [vlan <NUMBER>] [ip <A.B.C.D>] [ipv6 <A:B::C:D>] leaf <WORD> interface ethernet ethernet [<fex>/<slot>/<port>]
```

Description: Show IP endpoints on an interface ethernet

Syntax:

| | |
|---|--|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>type</i> | (Optional) Endpoint Type |
| <i>E.E.E EE-EE-EE-EE-EE-EE EE:EE:EE:EE:EE:EE EEEE.EEEE.EEEE</i> | (Optional) MAC address (Option 1) MAC address (Option 2) MAC address (Option 3) MAC address (Option 4) |
| <i><1-4094></i> | (Optional) Encapsulation Vlan. Number range from=1 to=4094 |
| <i>A.B.C.D</i> | (Optional) IP Unicast address in format i.i.i.i |
| <i>A:B::C:D</i> | (Optional) IPv6 address in format xxxx:xxxx, xxxx::xx |
| <i>WORD</i> | Leaf Number (Max Size 4000). Number range from=0 to=9223372036854775807 |
| <i>ethernet [<fex>/<slot>/<port>]</i> | Ethernet Range |

Command Mode: exec : Exec Mode

Command Path:

```
# show tenant WORD endpoints [type <type>] [mac <E.E.E EE-EE-EE-EE-EE-EE EE:EE:EE:EE:EE:EE EEEE.EEEE.EEEE >] [vlan <NUMBER>] [ip <A.B.C.D>] [ipv6 <A:B::C:D>] leaf <WORD> interface ethernet ethernet [<fex>/<slot>/<port>]
```

show tenant endpoints leaf interface port-channel

show tenant WORD endpoints [*type* <type>] [*mac* <E.E.E EE-EE-EE-EE-EE-EE EE:EE:EE:EE:EE:EE EEEE.EEEE.EEEE >] [*vlan* <NUMBER>] [*ip* <A.B.C.D>] [*ipv6* <A:B::C:D>] *leaf* <WORD> *interface port-channel* <WORD> [*fex* <NUMBER>]

Description: Show IP endpoints on an interface port-channel

Syntax:

| | |
|---|--|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>type</i> | (Optional) Endpoint Type |
| <i>E.E.E EE-EE-EE-EE-EE-EE EE:EE:EE:EE:EE:EE EEEE.EEEE.EEEE</i> | (Optional) MAC address (Option 1) MAC address (Option 2) MAC address (Option 3) MAC address (Option 4) |
| <1-4094> | (Optional) Encapsulation Vlan. Number range from=1 to=4094 |
| <i>A.B.C.D</i> | (Optional) IP Unicast address in format i.i.i.i |
| <i>A:B::C:D</i> | (Optional) IPv6 address in format xxxx:xxxx, xxxx::xx |
| <i>WORD</i> | Leaf Number (Max Size 4000). Number range from=0 to=9223372036854775807 |
| <i>WORD</i> | Port Channel Name (Max Size 64) |
| <101-199> | (Optional) Fex Id. Number range from=101 to=199 |

Command Mode: exec : Exec Mode

Command Path:

```
# show tenant WORD endpoints [type <type>] [mac <E.E.E EE-EE-EE-EE-EE-EE EE:EE:EE:EE:EE:EE EEEE.EEEE.EEEE >] [vlan <NUMBER>] [ip <A.B.C.D>] [ipv6 <A:B::C:D>] leaf <WORD> interface port-channel <WORD> [fex <NUMBER>]
```

show tenant endpoints vpc

```
show tenant WORD endpoints [type <type>] [mac <E.E.E EE-EE-EE-EE-EE-EE EE:EE:EE:EE:EE:EE EEEE.EEEE.EEEE >] [vlan <NUMBER>] [ip <A.B.C.D>] [ipv6 <A:B::C:D>] vpc context <WORD> <WORD> interface vpc <WORD> [fex <fex>]
```

Description: Show IP endpoints on vpc

Syntax:

| | |
|---|--|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>type</i> | (Optional) Endpoint Type |
| <i>E.E.E EE-EE-EE-EE-EE-EE EE:EE:EE:EE:EE:EE EEEE.EEEE.EEEE</i> | (Optional) MAC address (Option 1) MAC address (Option 2) MAC address (Option 3) MAC address (Option 4) |
| <i><1-4094></i> | (Optional) Encapsulation Vlan. Number range from=1 to=4094 |
| <i>A.B.C.D</i> | (Optional) IP Unicast address in format i.i.i.i |
| <i>A:B::C:D</i> | (Optional) IPv6 address in format xxxx:xxxx, xxxx::xx |
| context | VPC Context |
| <i>WORD</i> | First VPC leaf (Max Size 4000). Number range from=0 to=9223372036854775807 |
| <i>WORD</i> | Second VPC leaf (Max Size 4000). Number range from=0 to=9223372036854775807 |
| interface | VPC Interface name |
| vpc | VPC Interface name |
| <i>WORD</i> | VPC Name (Max Size 64) |
| <i>fex</i> | (Optional) Fex Id. Number range from=101 to=199 |

Command Mode: exec : Exec Mode

Command Path:

```
# show tenant WORD endpoints [type <type>] [mac <E.E.E EE-EE-EE-EE-EE-EE EE:EE:EE:EE:EE:EE EEEE.EEEE.EEEE >] [vlan <NUMBER>] [ip <A.B.C.D>] [ipv6 <A:B::C:D>] vpc context <WORD> <WORD> interface vpc <WORD> [fex <fex>]
```

show tenant epg

show tenant WORD epg WORD

Description: Show Application EPG Information

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the AEPG to filter on (Max Size 64) |

Command Mode: exec : Exec Mode

Command Path:

```
# show tenant WORD epg WORD
```

show tenant epg detail

show tenant WORD epg WORD detail

Description: Show detailed view of Application EPg

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the AEPG to filter on (Max Size 64) |

Command Mode: exec : Exec Mode

Command Path:

```
# show tenant WORD epg WORD detail
```

show tenant external-l2 epg

show tenant WORD external-l2 epg WORD

Description: Show command for external-l2 epgs

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the EPG to filter on (Max Size 64) |

Command Mode: exec : Exec Mode

Command Path:

```
# show tenant WORD external-l2 epg WORD
```


show tenant interface bridge-domain

show tenant WORD interface bridge-domain WORD

Description: Show Bridge-domain Information

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the bridge-domain (Max Size 64) |

Command Mode: exec : Exec Mode

Command Path:

```
# show tenant WORD interface bridge-domain WORD
```

show tenant interface bridge-domain detail

show tenant WORD interface bridge-domain WORD detail

Description: Show Bridge-domain Detailed Information

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the bridge-domain (Max Size 64) |

Command Mode: exec : Exec Mode

Command Path:

```
# show tenant WORD interface bridge-domain WORD detail
```

show tenant interface bridge-domain first-hop-security binding-table

show tenant WORD interface bridge-domain WORD first-hop-security binding-table

Description: Show Bridge-domain Binding Table Information

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the bridge-domain (Max Size 64) |

Command Mode: exec : Exec Mode

Command Path:

```
# show tenant WORD interface bridge-domain WORD first-hop-security binding-table
```

show tenant interface bridge-domain first-hop-security statistics arp

show tenant WORD interface bridge-domain WORD first-hop-security statistics arp

Description: Show Bridge-domain First Hop Security ARP Statistics

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the bridge-domain (Max Size 64) |

Command Mode: exec : Exec Mode

Command Path:

```
# show tenant WORD interface bridge-domain WORD first-hop-security statistics arp
```

show tenant interface bridge-domain first-hop-security statistics dhcpv4

show tenant WORD interface bridge-domain WORD first-hop-security statistics dhcpv4

Description: Show Bridge-domain First Hop Security DHCPv4 Statistics

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the bridge-domain (Max Size 64) |

Command Mode: exec : Exec Mode

Command Path:

```
# show tenant WORD interface bridge-domain WORD first-hop-security statistics dhcpv4
```

show tenant interface bridge-domain first-hop-security statistics dhcpv6

show tenant WORD interface bridge-domain WORD first-hop-security statistics dhcpv6

Description: Show Bridge-domain First Hop Security DHCPv6 Statistics

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the bridge-domain (Max Size 64) |

Command Mode: exec : Exec Mode

Command Path:

```
# show tenant WORD interface bridge-domain WORD first-hop-security statistics dhcpv6
```

show tenant interface bridge-domain first-hop-security statistics neighbor-discovery

show tenant WORD interface bridge-domain WORD first-hop-security statistics neighbor-discovery

Description: Show Bridge-domain First Hop Security Neighbor Discovery Statistics

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the bridge-domain (Max Size 64) |

Command Mode: exec : Exec Mode

Command Path:

```
# show tenant WORD interface bridge-domain WORD first-hop-security statistics  
neighbor-discovery
```

show tenant ip interface bridge-domain

show tenant WORD ip interface bridge-domain WORD

Description: Show command for IP properties on interface BD

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the bridge-domain (Max Size 64) |

Command Mode: exec : Exec Mode

Command Path:

```
# show tenant WORD ip interface bridge-domain WORD
```


show tenant ipv6 interface bridge-domain

show tenant WORD ipv6 interface bridge-domain WORD

Description: Show command for IP properties on interface BD

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the bridge-domain (Max Size 64) |

Command Mode: exec : Exec Mode

Command Path:

```
# show tenant WORD ipv6 interface bridge-domain WORD
```

show tenant multicast-route-maps

show tenant WORD multicast-route-maps

Description: Show multicast route-maps per Tenant

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
|-------------|---|

Command Mode: exec : Exec Mode

Command Path:

```
# show tenant WORD multicast-route-maps
```

show tenant policy-map

show tenant WORD policy-map

Description: Show policy maps

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
|-------------|---|

Command Mode: exec : Exec Mode

Command Path:

```
# show tenant WORD policy-map
```

show tenant policy-map type data-plane

show tenant WORD policy-map type data-plane WORD [stats]

Description: Data-plane type policy-map(s)

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | data-plane type policy-map(s) (Max Size 64) |
| stats | (Optional) Data-Plane Policer Statistics, where available |

Command Mode: exec : Exec Mode

Command Path:

```
# show tenant WORD policy-map type data-plane WORD [stats]
```

show tenant policy-map type qos

show tenant WORD policy-map type qos WORD

Description: QOS type policy-map(s)

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | QOS type policy-map(s) (Max Size 64) |

Command Mode: exec : Exec Mode

Command Path:

```
# show tenant WORD policy-map type qos WORD
```

show tenant vrf

show tenant WORD vrf WORD

Description: Show VRF Information

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the VRF to filter on (Max Size 64) |

Command Mode: exec : Exec Mode

Command Path:

```
# show tenant WORD vrf WORD
```

show tenant vrf acllog l2

show tenant WORD vrf WORD acllog <permitDrop> l2 flow vlan <NUMBER> srcintf <srcintf>

Description: L2 flow stats

Syntax:

| | |
|--------------------|--|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the VRF to filter on (Max Size 64) |
| <i>permitDrop</i> | permitDrop |
| flow | flowi stats |
| vlan | vlan info |
| < <i>vlan</i> > | <vlan>. Number range from=0 to=9223372036854775807 |
| srcintf | source interface |
| < <i>srcintf</i> > | <srcintf> |

Command Mode: exec : Exec Mode

Command Path:

```
# show tenant WORD vrf WORD acllog <permitDrop> l2 flow vlan <NUMBER> srcintf <srcintf>
```

show tenant vrf aclog l3

show tenant WORD vrf WORD aclog <permitDrop> l3 flow srcpctag <srcpctag> dstpctag <dstpctag> srcepgname <srcepgname> dstepgname <dstepgname> srcip <A.B.C.D or A:B::C:D> dstip <A.B.C.D or A:B::C:D> proto <proto> srcport <srcport> dstport <dstport> srcintf <srcintf>

Description: L3 flow stats

Syntax:

| | |
|----------------------------|--|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the VRF to filter on (Max Size 64) |
| <i>permitDrop</i> | permitDrop |
| flow | flow stats |
| srcpctag | source pc tag |
| < <i>srcpctag</i> > | <srcpctag> |
| dstpctag | destination pc tag |
| < <i>dstpctag</i> > | <dstpctag> |
| srcepgname | source epg name |
| < <i>srcepgname</i> > | <srcepgname> |
| dstepgname | destination epg name |
| < <i>dstepgname</i> > | <dstepgname> |
| srcip | source ip |
| <i>A.B.C.D or A:B::C:D</i> | IP address in format i.i.i.i or IPv6 address in format xxxx:xxxx, xxxx::xx |
| dstip | destination ip |
| <i>A.B.C.D or A:B::C:D</i> | IP address in format i.i.i.i or IPv6 address in format xxxx:xxxx, xxxx::xx |
| proto | protocol |
| < <i>proto</i> > | <proto> |
| srcport | source port |
| < <i>srcport</i> > | <srcport> |
| dstport | destination port |
| < <i>dstport</i> > | <dstport> |
| srcintf | source interface |

| | |
|------------------------|------------------------|
| <i><srcintf></i> | <i><srcintf></i> |
|------------------------|------------------------|

Command Mode: exec : Exec Mode

Command Path:

```
# show tenant WORD vrf WORD acllog <permitDrop> l3 flow srcpctag <srcpctag> dstpctag  
<dstpctag> srcepname <srcepname> dstepname <dstepname> srcip <A.B.C.D or A:B::C:D> dstip  
<A.B.C.D or A:B::C:D> proto <proto> srcport <srcport> dstport <dstport> srcintf <srcintf>
```

show tenant vrf detail

show tenant WORD vrf WORD detail

Description: Show detailed view of VRF

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the VRF to filter on (Max Size 64) |

Command Mode: exec : Exec Mode

Command Path:

```
# show tenant WORD vrf WORD detail
```

show tenant vrf external-l3 bgp

show tenant WORD vrf WORD external-l3 bgp

Description: Show command for BGP peers

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the VRF to filter on (Max Size 64) |

Command Mode: exec : Exec Mode

Command Path:

```
# show tenant WORD vrf WORD external-l3 bgp
```

show tenant vrf external-l3 bgp node

show tenant WORD vrf WORD external-l3 bgp node <101-4000>

Description: node to filter on

Syntax:

| | |
|-------------------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the VRF to filter on (Max Size 64) |
| <i><101-4000></i> | Leaf Range or Leaf Name List |

Command Mode: exec : Exec Mode

Command Path:

```
# show tenant WORD vrf WORD external-l3 bgp node <101-4000>
```

show tenant vrf external-l3 eigrp

show tenant WORD vrf WORD external-l3 eigrp

Description: Show external l3 EIGRP

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the VRF to filter on (Max Size 64) |

Command Mode: exec : Exec Mode

Command Path:

```
# show tenant WORD vrf WORD external-l3 eigrp
```

show tenant vrf external-l3 eigrp detail

show tenant WORD vrf WORD external-l3 eigrp detail

Description: Show interanl details

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the VRF to filter on (Max Size 64) |

Command Mode: exec : Exec Mode

Command Path:

```
# show tenant WORD vrf WORD external-l3 eigrp detail
```

show tenant vrf external-l3 epg

show tenant WORD vrf WORD external-l3 epg <epgName>

Description: Show command for external-l3 epgs

Syntax:

| | |
|------------------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the VRF to filter on (Max Size 64) |
| <i><epgName></i> | Name of the EPG to filter on |

Command Mode: exec : Exec Mode

Command Path:

```
# show tenant WORD vrf WORD external-l3 epg <epgName>
```

show tenant vrf external-l3 epg detail

show tenant WORD vrf WORD external-l3 epg <epgName> detail

Description: external-l3 epg in detail with operational status

Syntax:

| | |
|------------------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the VRF to filter on (Max Size 64) |
| <i><epgName></i> | Name of the EPG to filter on |

Command Mode: exec : Exec Mode

Command Path:

```
# show tenant WORD vrf WORD external-l3 epg <epgName> detail
```


show tenant vrf external-l3 epg name

show tenant WORD vrf WORD external-l3 epg <epgName> name <epgName>

Description: EPG name to filter on

Syntax:

| | |
|------------------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the VRF to filter on (Max Size 64) |
| <i><epgName></i> | Name of the EPG to filter on |
| <i><epgName></i> | Name of the EPG to filter on |

Command Mode: exec : Exec Mode

Command Path:

```
# show tenant WORD vrf WORD external-l3 epg <epgName> name <epgName>
```

show tenant vrf external-l3 epg name detail

show tenant WORD vrf WORD external-l3 epg <epgName> name <epgName> detail

Description: external-l3 epg in detail with operational status

Syntax:

| | |
|------------------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the VRF to filter on (Max Size 64) |
| <i><epgName></i> | Name of the EPG to filter on |
| <i><epgName></i> | Name of the EPG to filter on |

Command Mode: exec : Exec Mode

Command Path:

```
# show tenant WORD vrf WORD external-l3 epg <epgName> name <epgName> detail
```

show tenant vrf external-l3 interfaces

show tenant WORD vrf WORD external-l3 interfaces

Description: Show tenant <tenant> vrf <vrf> external l3 interfaces

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the VRF to filter on (Max Size 64) |

Command Mode: exec : Exec Mode

Command Path:

```
# show tenant WORD vrf WORD external-l3 interfaces
```

show tenant vrf external-l3 interfaces detail

show tenant WORD vrf WORD external-l3 interfaces detail

Description: Show interfaces details

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the VRF to filter on (Max Size 64) |

Command Mode: exec : Exec Mode

Command Path:

```
# show tenant WORD vrf WORD external-l3 interfaces detail
```

show tenant vrf external-l3 ospf

show tenant WORD vrf WORD external-l3 ospf

Description: Show command for IPv4 and IPv6 external l3 OSPF configuration

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the VRF to filter on (Max Size 64) |

Command Mode: exec : Exec Mode

Command Path:

```
# show tenant WORD vrf WORD external-l3 ospf
```

show tenant vrf external-l3 ospf detail

show tenant WORD vrf WORD external-l3 ospf detail

Description: Show internal details

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the VRF to filter on (Max Size 64) |

Command Mode: exec : Exec Mode

Command Path:

```
# show tenant WORD vrf WORD external-l3 ospf detail
```

show tenant vrf external-l3 route-map

show tenant WORD vrf WORD external-l3 route-map [name <l3out name>]

Description: Show command for external-l3 route-map

Syntax:

| | |
|---------------------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the VRF to filter on (Max Size 64) |
| <i><l3out name></i> | (Optional) Name of the route-map to filter on |

Command Mode: exec : Exec Mode

Command Path:

```
# show tenant WORD vrf WORD external-l3 route-map [name <l3out name>]
```

show tenant vrf external-l3 route-map detail

show tenant WORD vrf WORD external-l3 route-map [name <l3out name>] detail

Description: Show external-l3 route-map in detail with operational status

Syntax:

| | |
|---------------------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the VRF to filter on (Max Size 64) |
| <i><l3out name></i> | (Optional) Name of the route-map to filter on |

Command Mode: exec : Exec Mode

Command Path:

```
# show tenant WORD vrf WORD external-l3 route-map [name <l3out name>] detail
```


show tenant vrf external-l3 scale

show tenant WORD vrf WORD external-l3 scale

Description: scale command

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the VRF to filter on (Max Size 64) |

Command Mode: exec : Exec Mode

Command Path:

```
# show tenant WORD vrf WORD external-l3 scale
```

show tenant vrf external-l3 scale detail

show tenant WORD vrf WORD external-l3 scale detail

Description: Show scale details

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the VRF to filter on (Max Size 64) |

Command Mode: exec : Exec Mode

Command Path:

```
# show tenant WORD vrf WORD external-l3 scale detail
```

show tenant vrf external-l3 static-route

show tenant WORD vrf WORD external-l3 static-route

Description: Show command for external-l3 static routes

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the VRF to filter on (Max Size 64) |

Command Mode: exec : Exec Mode

Command Path:

```
# show tenant WORD vrf WORD external-l3 static-route
```

show tenant vrf external-l3 static-route detail

show tenant WORD vrf WORD external-l3 static-route detail

Description: static-route in detail with operational status

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the VRF to filter on (Max Size 64) |

Command Mode: exec : Exec Mode

Command Path:

```
# show tenant WORD vrf WORD external-l3 static-route detail
```

show tenant vrf external-l3 static-route node

show tenant WORD vrf WORD external-l3 static-route node

Description: node to filter on

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the VRF to filter on (Max Size 64) |
| <i>arg</i> | Leaf Range or Leaf Name List |

Command Mode: exec : Exec Mode

Command Path:

```
# show tenant WORD vrf WORD external-l3 static-route node
```

show tenant vrf external-l3 static-route node detail

show tenant WORD vrf WORD external-l3 static-route node detail

Description: static-route in detail with operational status

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the VRF to filter on (Max Size 64) |
| <i>arg</i> | Leaf Range or Leaf Name List |

Command Mode: exec : Exec Mode

Command Path:

```
# show tenant WORD vrf WORD external-l3 static-route node detail
```

show tenant vrf multicast

show tenant WORD vrf WORD multicast

Description: Show multicast configuration per VRF

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Name of the tenant to filter on (Max Size 63) |
| <i>WORD</i> | Name of the VRF to filter on (Max Size 64) |

Command Mode: exec : Exec Mode

Command Path:

```
# show tenant WORD vrf WORD multicast
```

show troubleshoot session

show troubleshoot session <session_name>

Description: Show session

Syntax:

| | |
|---------------------|--------------|
| <i>session_name</i> | Session name |
|---------------------|--------------|

Command Mode: exec : Exec Mode

Command Path:

```
# show troubleshoot session <session_name>
```


show troubleshoot session atomiccounter

show troubleshoot session <session_name> atomiccounter

Description: Show atomic counters

Syntax:

| | |
|---------------------|--------------|
| <i>session_name</i> | Session name |
|---------------------|--------------|

Command Mode: exec : Exec Mode

Command Path:

```
# show troubleshoot session <session_name> atomiccounter
```

show troubleshoot session audit

show troubleshoot session <session_name> audit

Description: Show audit

Syntax:

| | |
|---------------------|--------------|
| <i>session_name</i> | Session name |
|---------------------|--------------|

Command Mode: exec : Exec Mode

Command Path:

```
# show troubleshoot session <session_name> audit
```

show troubleshoot session contracts

show troubleshoot session <session_name> contracts

Description: Show contracts

Syntax:

| | |
|---------------------|--------------|
| <i>session_name</i> | Session name |
|---------------------|--------------|

Command Mode: exec : Exec Mode

Command Path:

```
# show troubleshoot session <session_name> contracts
```

show troubleshoot session deployments

show troubleshoot session <session_name> deployments

Description: Show deployment changes

Syntax:

| | |
|---------------------|--------------|
| <i>session_name</i> | Session name |
|---------------------|--------------|

Command Mode: exec : Exec Mode

Command Path:

```
# show troubleshoot session <session_name> deployments
```

show troubleshoot session events

show troubleshoot session <session_name> events

Description: Show events

Syntax:

| | |
|---------------------|--------------|
| <i>session_name</i> | Session name |
|---------------------|--------------|

Command Mode: exec : Exec Mode

Command Path:

```
# show troubleshoot session <session_name> events
```

show troubleshoot session faults

show troubleshoot session <session_name> faults

Description: Show faults

Syntax:

| | |
|---------------------|--------------|
| <i>session_name</i> | Session name |
|---------------------|--------------|

Command Mode: exec : Exec Mode

Command Path:

```
# show troubleshoot session <session_name> faults
```

show troubleshoot session latency

show troubleshoot session <session_name> latency

Description: Show latency stats

Syntax:

| | |
|---------------------|--------------|
| <i>session_name</i> | Session name |
|---------------------|--------------|

Command Mode: exec : Exec Mode

Command Path:

```
# show troubleshoot session <session_name> latency
```

show troubleshoot session monitor

show troubleshoot session <session_name> monitor

Description: Show monitor

Syntax:

| | |
|---------------------|--------------|
| <i>session_name</i> | Session name |
|---------------------|--------------|

Command Mode: exec : Exec Mode

Command Path:

```
# show troubleshoot session <session_name> monitor
```


show troubleshoot session reports

show troubleshoot session <session_name> reports

Description: Show reports

Syntax:

| | |
|---------------------|--------------|
| <i>session_name</i> | Session name |
|---------------------|--------------|

Command Mode: exec : Exec Mode

Command Path:

```
# show troubleshoot session <session_name> reports
```

show troubleshoot session statistics

show troubleshoot session <session_name> statistics

Description: Show statistics

Syntax:

| | |
|---------------------|--------------|
| <i>session_name</i> | Session name |
|---------------------|--------------|

Command Mode: exec : Exec Mode

Command Path:

```
# show troubleshoot session <session_name> statistics
```

show troubleshoot session topology

show troubleshoot session <session_name> topology

Description: Show topology

Syntax:

| | |
|---------------------|--------------|
| <i>session_name</i> | Session name |
|---------------------|--------------|

Command Mode: exec : Exec Mode

Command Path:

```
# show troubleshoot session <session_name> topology
```

show troubleshoot session traceroute

show troubleshoot session <session_name> traceroute

Description: Show traceroute

Syntax:

| | |
|---------------------|--------------|
| <i>session_name</i> | Session name |
|---------------------|--------------|

Command Mode: exec : Exec Mode

Command Path:

```
# show troubleshoot session <session_name> traceroute
```

show troubleshoot sessions

show troubleshoot sessions

Description: Show sessions

Command Mode: exec : Exec Mode

Command Path:

```
# show troubleshoot sessions
```

show username

show username <WORD>

Description: Show user information

Syntax:

| | |
|-------------|-----------|
| <i>WORD</i> | User name |
|-------------|-----------|

Command Mode: exec : Exec Mode

Command Path:

```
# show username <WORD>
```

show username detail

show username <WORD> detail

Description: Show user information

Syntax:

| | |
|-------------|-----------|
| <i>WORD</i> | User name |
|-------------|-----------|

Command Mode: exec : Exec Mode

Command Path:

```
# show username <WORD> detail
```

show version

show version

Description: Show version information

Command Mode: exec : Exec Mode

Command Path:

```
# show version
```


show vlan-domain

show vlan-domain [name <arg>] [vlan] [leaf <arg>] [detail]

Description: Show command for vlan-domain

Syntax:

| | |
|--------------|--|
| <i>arg</i> | (Optional) Vlan-domain name |
| <vlan-range> | (Optional) VLAN ID 1-4094 or range(s): 1-5, 10 or 2-5,7-19 |
| <i>arg</i> | (Optional) Leaf id. Number range from=101 to=4000 |
| detail | (Optional) vlan-domain in detail with concrete MOs |

Command Mode: exec : Exec Mode

Command Path:

```
# show vlan-domain [name <>] [vlan] [leaf <>] [detail]
```

show vmware domain

show vmware domain

Description: Show VMware domain information

Command Mode: exec : Exec Mode

Command Path:

```
# show vmware domain
```

show vmware domain name

show vmware domain name <name>

Description: VMware domain name

Syntax:

| | |
|---------------------|--------------------|
| <i><name></i> | VMware domain name |
|---------------------|--------------------|

Command Mode: exec : Exec Mode

Command Path:

```
# show vmware domain name <name>
```

show vmware domain name epg

show vmware domain name <name> epg

Description: Show VMware domain EPG details

Syntax:

| | |
|---------------------|--------------------|
| <i><name></i> | VMware domain name |
|---------------------|--------------------|

Command Mode: exec : Exec Mode

Command Path:

```
# show vmware domain name <name> epg
```

show vmware domain name esx

show vmware domain name <name> esx <esx-ip>

Description: Show VMware ESX information

Syntax:

| | |
|-----------------------|--------------------|
| <i><name></i> | VMware domain name |
| <i><esx-ip></i> | ESX IP |

Command Mode: exec : Exec Mode

Command Path:

```
# show vmware domain name <name> esx <esx-ip>
```

show vmware domain name port-group

show vmware domain name <name> port-group

Description: Show VMware port group information

Syntax:

| | |
|--------|--------------------|
| <name> | VMware domain name |
|--------|--------------------|

Command Mode: exec : Exec Mode

Command Path:

```
# show vmware domain name <name> port-group
```

show vmware domain name trunk-portgroup

show vmware domain name <name> trunk-portgroup [name <name>]

Description: Show VMware domain trunk portgroup details

Syntax:

| | |
|---------------------|---------------------------------|
| <i><name></i> | VMware domain name |
| <i><name></i> | (Optional) trunk portgroup name |

Command Mode: exec : Exec Mode

Command Path:

```
# show vmware domain name <name> trunk-portgroup [name <name>]
```

show vmware domain name vcenter

show vmware domain name <name> vcenter <hostname|ip>

Description: VMware vCenter ip or hostname

Syntax:

| | |
|---------------|------------------------|
| <name> | VMware domain name |
| <hostname ip> | vCenter hostname or IP |

Command Mode: exec : Exec Mode

Command Path:

```
# show vmware domain name <name> vcenter <hostname|ip>
```


show vmware domain name vm

show vmware domain name <name> vm

Description: Show VMware VM information

Syntax:

| | |
|---------------------|--------------------|
| <i><name></i> | VMware domain name |
|---------------------|--------------------|

Command Mode: exec : Exec Mode

Command Path:

```
# show vmware domain name <name> vm
```

show vmware domain name vm name

show vmware domain name <name> vm name <vm-name>

Description: Show detailed VMware VM information

Syntax:

| | |
|-----------|--------------------|
| <name> | VMware domain name |
| <vm-name> | VM Name |

Command Mode: exec : Exec Mode

Command Path:

```
# show vmware domain name <name> vm name <vm-name>
```

show vmware vm

show vmware vm [*name* <WORD>] [*ip* <A.B.C.D>] [*mac* <E.E.E EE-EE-EE-EE-EE-EE EE:EE:EE:EE:EE:EE
EEEE.EEEE.EEEE >]

Description: Show VMware VM information

Syntax:

| | |
|---|---|
| <i>WORD</i> | (Optional) Specify a VM name |
| <i>A.B.C.D</i> | (Optional) IP address in format i.i.i.i |
| <i>E.E.E EE-EE-EE-EE-EE-EE EE:EE:EE:EE:EE:EE EEEE.EEEE.EEEE</i> | (Optional) MAC address (Option 1) MAC address (Option 2) MAC address (Option 3) MAC address (Option 4) |

Command Mode: exec : Exec Mode

Command Path:

```
# show vmware vm [name <WORD>] [ip <A.B.C.D>] [mac <E.E.E EE-EE-EE-EE-EE-EE EE:EE:EE:EE:EE:EE  
EEEE.EEEE.EEEE >]
```

show vpc

show vpc map <vpc-list>

Description: Show vpc mapping

Syntax:

| | |
|------------|-------------|
| map | Map by name |
| <vpc-list> | vpc names |

Command Mode: exec : Exec Mode

Command Path:

```
# show vpc map <vpc-list>
```

show vpc map leaf

show vpc map <vpc-list> leaf WORD [fex <NUMBER>]

Description: Leaf

Syntax:

| | |
|------------|---|
| map | Map by name |
| <vpc-list> | vpc names |
| WORD | Leaf Range or Leaf Name List |
| <101-199> | (Optional) Fex ID. Number range from=101 to=199 |

Command Mode: exec : Exec Mode

Command Path:

```
# show vpc map <vpc-list> leaf WORD [fex <NUMBER>]
```

show vrf

show vrf WORD

Description: Show VRF Information

Syntax:

| | |
|-------------|--|
| <i>WORD</i> | Name of the VRF to filter on (Max Size 64) |
|-------------|--|

Command Mode: exec : Exec Mode

Command Path:

```
# show vrf WORD
```

show vrf detail

show vrf WORD detail

Description: Show detailed view of VRF

Syntax:

| | |
|-------------|--|
| <i>WORD</i> | Name of the VRF to filter on (Max Size 64) |
|-------------|--|

Command Mode: exec : Exec Mode

Command Path:

```
# show vrf WORD detail
```

show vsan-domain

show vsan-domain [name <arg>] [detail]

Description: Show command for vsan-domain

Syntax:

| | |
|------------|---|
| <i>arg</i> | (Optional) Vsan-domain name |
| detail | (Optional) Vsan-domain detailed information |

Command Mode: exec : Exec Mode

Command Path:

```
# show vsan-domain [name <>] [detail]
```


shut

shut

Description: Disable BFD

Command Mode: template bfd : Configure BFD Interface Policy Templates

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# template bfd <WORD> tenant <WORD>
(config-template-bfd-pol)# shut
```

shut

Description: Disable BFD

Command Mode: template bfd : Configure BFD Interface Policy Templates

Command Path:

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# template bfd <WORD> tenant <WORD>
(config-template-bfd-pol)# shut
```

shut

Description: Disable monitor session

Command Mode: monitor virtual : Configure monitor session for virtual switches

Command Path:

```
# configure [['terminal', 't']]
(config)# monitor virtual session <WORD>
(config-monitor-virtual)# shut
```

shutdown

shutdown

Description: Administrative state of the Policer

Command Mode: policy-map type data-plane : Create a policymap of DataPlane type to police/reclassify the traffic

Command Path:

```
# configure [['terminal', 't']]
(config)# policy-map type data-plane <WORD>
(config-pmap-dpp)# shutdown
```

shutdown

Description: Disable the class of service specified

Command Mode: qos parameters : Configure the global QOS policies

Command Path:

```
# configure [['terminal', 't']]
(config)# qos parameters level1|level2|level3
(config-qos)# shutdown
```

shutdown

Description: Set admin state to disabled

Command Mode: switchport port-authentication : Port authentication configuration

Command Path:

```
# configure [['terminal', 't']]
(config)# template policy-group <WORD>
(config-pol-grp-if)# switchport port-authentication <WORD>
(config-port-authentication)# shutdown
```

shutdown

Description: Administrative state of the Policer

Command Mode: policy-map type data-plane : data-plane policy type

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# policy-map type data-plane <WORD>
(config-tenant-pmap-dpp)# shutdown
```

shutdown

Description: dscp-map toggling

Command Mode: qos : Set DSCP Class translation values

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# qos dscp-map <WORD>
(config-qos-cmap)# shutdown
```

shutdown

Description: Disable Interface

Command Mode: interface ethernet : Ethernet IEEE 802.3z

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface ethernet <ifRange>
(config-leaf-if)# shutdown
```

shutdown

Description: Disable Port Channel

Command Mode: interface port-channel : Port Channel interface

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface port-channel <WORD> [fex <fex>]
(config-leaf-if)# shutdown
```

shutdown

Description: Disable Interface

Command Mode: interface vfc : Virtual Fiber Channel interface

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface vfc <ifRange>
(config-leaf-if)# shutdown
```

shutdown

Description: Disable Interface

Command Mode: interface vfc-po : VFC Port Channel interface

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface vfc-po <WORD> [fex <fex>]
(config-leaf-if)# shutdown
```

shutdown

Description: Disable Interface

Command Mode: interface fc : FC Interface

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface fc <ifRange>
(config-leaf-fc-if)# shutdown
```

shutdown

Description: Disable Interface

Command Mode: interface ethernet : Ethernet IEEE 802.3z

Command Path:

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface ethernet <ifRange>
(config-leaf-if)# shutdown
```

shutdown

Description: Disable Port Channel

Command Mode: interface port-channel : Port Channel interface

Command Path:

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface port-channel <WORD> [fex <fex>]
(config-leaf-if)# shutdown
```

shutdown

Description: Disable Interface

Command Mode: interface vfc : Virtual Fiber Channel interface

Command Path:

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface vfc <ifRange>
(config-leaf-if)# shutdown
```

shutdown**Description:** Disable Interface**Command Mode:** interface vfc-po : VFC Port Channel interface**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface vfc-po <WORD> [fex <fex>]
(config-leaf-if)# shutdown
```

shutdown**Description:** Disable Interface**Command Mode:** interface fc : FC Interface**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface fc <ifRange>
(config-leaf-fc-if)# shutdown
```

shutdown**Description:** Disable interface**Command Mode:** interface : Provide VPC Name**Command Path:**

```
# configure [['terminal', 't']]
(config)# vpc context leaf <101-4000> <101-4000> [fex <fex>]
(config-vpc)# interface vpc <WORD> [fex <fex>]
(config-vpc-if)# shutdown
```

shutdown**Description:** Disable monitor session**Command Mode:** monitor access : Configue monitor session for access interfaces**Command Path:**

```
# configure [['terminal', 't']]
(config)# monitor access session <session_name>
```

```
(config-monitor-access)# shutdown
```

shutdown

Description: Disable monitor session

Command Mode: monitor fabric : Configure monitor session for fabric interfaces

Command Path:

```
# configure [['terminal', 't']]
(config)# monitor fabric session <session_name>
(config-monitor-fabric)# shutdown
```

shutdown

Description: Disable monitor session

Command Mode: monitor tenant : Configure monitor session for tenant EPGs

Command Path:

```
# configure [['terminal', 't']]
(config)# monitor tenant <tenant_name> session <WORD>
(config-monitor-tenant)# shutdown
```

site-id

site-id <WORD>

Description: ID of the network where the site is deployed

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | The site id (Max Size 512) surrounded by quotes |
|-------------|---|

Command Mode: destination-profile : Configure destination profile Parameters

Command Path:

```
# configure [['terminal', 't']]
(config)# callhome common
(config-callhome)# destination-profile
(config-callhome-destnprof)# site-id <WORD>
```

site-id <WORD>

Description: ID of the network where the site is deployed

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | The site id (Max Size 512) surrounded by quotes |
|-------------|---|

Command Mode: destination-profile : Configure destination profile Parameters

Command Path:

```
# configure [['terminal', 't']]
(config)# smartcallhome common
(config-smartcallhome)# destination-profile
(config-callhome-destnprof)# site-id <WORD>
```

slot

slot <card>

Description: Specify Slot Number

Syntax:

| | |
|-------------|--|
| <i>card</i> | Slot Number. Number range from=1 to=64 |
|-------------|--|

Command Mode: leaf : Configure Leaf Node

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# slot <card>
```

slot <card>

Description: Specify Slot Number

Syntax:

| | |
|-------------|--|
| <i>card</i> | Slot Number. Number range from=1 to=64 |
|-------------|--|

Command Mode: spine : Configure Spine Node

Command Path:

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# slot <card>
```


slow-drain congestion-timeout action

slow-drain congestion-timeout action err-disable|log

Description: Configure congestion action

Syntax:

| | |
|-------------|---------------|
| err-disable | Error disable |
| log | Syslog |

Command Mode: template policy-group : Configure Policy Group Parameters

Command Path:

```
# configure [['terminal', 't']]
(config)# template policy-group <WORD>
(config-pol-grp-if)# slow-drain congestion-timeout action err-disable|log
```

slow-drain congestion-timeout action err-disable|log

Description: Configure congestion action

Syntax:

| | |
|-------------|---------------|
| err-disable | Error disable |
| log | Syslog |

Command Mode: template port-channel : Configure Port-Channel Parameters

Command Path:

```
# configure [['terminal', 't']]
(config)# template port-channel <WORD>
(config-po-ch-if)# slow-drain congestion-timeout action err-disable|log
```

slow-drain congestion-timeout action err-disable|log

Description: Configure congestion action

Syntax:

| | |
|-------------|---------------|
| err-disable | Error disable |
| log | Syslog |

Command Mode: interface ethernet : Ethernet IEEE 802.3z

Command Path:

```
# configure [['terminal', 't']]
```

```
(config)# leaf <101-4000>
(config-leaf)# interface ethernet <ifRange>
(config-leaf-if)# slow-drain congestion-timeout action err-disable|log
```

slow-drain congestion-timeout action err-disable|log**Description:** Configure congestion action**Syntax:**

| | |
|-------------|---------------|
| err-disable | Error disable |
| log | Syslog |

Command Mode: interface port-channel : Port Channel interface**Command Path:**

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface port-channel <WORD> [fex <fex>]
(config-leaf-if)# slow-drain congestion-timeout action err-disable|log
```

slow-drain congestion-timeout action err-disable|log**Description:** Configure congestion action**Syntax:**

| | |
|-------------|---------------|
| err-disable | Error disable |
| log | Syslog |

Command Mode: interface ethernet : Ethernet IEEE 802.3z**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface ethernet <ifRange>
(config-leaf-if)# slow-drain congestion-timeout action err-disable|log
```

slow-drain congestion-timeout action err-disable|log**Description:** Configure congestion action**Syntax:**

| | |
|-------------|---------------|
| err-disable | Error disable |
| log | Syslog |

Command Mode: interface port-channel : Port Channel interface**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface port-channel <WORD> [fex <fex>]
(config-leaf-if)# slow-drain congestion-timeout action err-disable|log
```

slow-drain congestion-timeout action err-disable|log

Description: Configure congestion action

Syntax:

| | |
|-------------|---------------|
| err-disable | Error disable |
| log | Syslog |

Command Mode: interface : Provide VPC Name

Command Path:

```
# configure [['terminal', 't']]
(config)# vpc context leaf <101-4000> <101-4000> [fex <fex>]
(config-vpc)# interface vpc <WORD> [fex <fex>]
(config-vpc-if)# slow-drain congestion-timeout action err-disable|log
```

slow-drain congestion-timeout count

slow-drain congestion-timeout count <NUMBER>

Description: Configure number of pause frames per second

Syntax:

| | |
|---------|---|
| <range> | Configure number of pause frames per second. Number range from=1 to=10000 |
|---------|---|

Command Mode: template policy-group : Configure Policy Group Parameters

Command Path:

```
# configure [['terminal', 't']]
(config)# template policy-group <WORD>
(config-pol-grp-if)# slow-drain congestion-timeout count <NUMBER>
```

slow-drain congestion-timeout count <NUMBER>

Description: Configure number of pause frames per second

Syntax:

| | |
|---------|---|
| <range> | Configure number of pause frames per second. Number range from=1 to=10000 |
|---------|---|

Command Mode: template port-channel : Configure Port-Channel Parameters

Command Path:

```
# configure [['terminal', 't']]
(config)# template port-channel <WORD>
(config-po-ch-if)# slow-drain congestion-timeout count <NUMBER>
```

slow-drain congestion-timeout count <NUMBER>

Description: Configure number of pause frames per second

Syntax:

| | |
|---------|---|
| <range> | Configure number of pause frames per second. Number range from=1 to=10000 |
|---------|---|

Command Mode: interface ethernet : Ethernet IEEE 802.3z

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface ethernet <ifRange>
```

```
(config-leaf-if)# slow-drain congestion-timeout count <NUMBER>
```

slow-drain congestion-timeout count <NUMBER>

Description: Configure number of pause frames per second

Syntax:

| | |
|----------------------|---|
| <i><range></i> | Configure number of pause frames per second. Number range from=1 to=10000 |
|----------------------|---|

Command Mode: interface port-channel : Port Channel interface

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface port-channel <WORD> [fex <fex>]
(config-leaf-if)# slow-drain congestion-timeout count <NUMBER>
```

slow-drain congestion-timeout count <NUMBER>

Description: Configure number of pause frames per second

Syntax:

| | |
|----------------------|---|
| <i><range></i> | Configure number of pause frames per second. Number range from=1 to=10000 |
|----------------------|---|

Command Mode: interface ethernet : Ethernet IEEE 802.3z

Command Path:

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface ethernet <ifRange>
(config-leaf-if)# slow-drain congestion-timeout count <NUMBER>
```

slow-drain congestion-timeout count <NUMBER>

Description: Configure number of pause frames per second

Syntax:

| | |
|----------------------|---|
| <i><range></i> | Configure number of pause frames per second. Number range from=1 to=10000 |
|----------------------|---|

Command Mode: interface port-channel : Port Channel interface

Command Path:

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface port-channel <WORD> [fex <fex>]
```

```
(config-leaf-if)# slow-drain congestion-timeout count <NUMBER>
```

slow-drain congestion-timeout count <NUMBER>

Description: Configure number of pause frames per second

Syntax:

| | |
|---------|---|
| <range> | Configure number of pause frames per second. Number range from=1 to=10000 |
|---------|---|

Command Mode: interface : Provide VPC Name

Command Path:

```
# configure [['terminal', 't']]
(config)# vpc context leaf <101-4000> <101-4000> [fex <fex>]
(config-vpc)# interface vpc <WORD> [fex <fex>]
(config-vpc-if)# slow-drain congestion-timeout count <NUMBER>
```

slow-drain pause

slow-drain pause timeout <NUMBER>

Description: Configure pause frame timeout

Syntax:

| | |
|------------|--|
| timeout | Configure pause frame timeout |
| <interval> | Configure pause timeout in milliseconds. Number range from=100 to=1000 |

Command Mode: template policy-group : Configure Policy Group Parameters

Command Path:

```
# configure [['terminal', 't']]
(config)# template policy-group <WORD>
(config-pol-grp-if)# slow-drain pause timeout <NUMBER>
```

slow-drain pause timeout <NUMBER>

Description: Configure pause frame timeout

Syntax:

| | |
|------------|--|
| timeout | Configure pause frame timeout |
| <interval> | Configure pause timeout in milliseconds. Number range from=100 to=1000 |

Command Mode: template port-channel : Configure Port-Channel Parameters

Command Path:

```
# configure [['terminal', 't']]
(config)# template port-channel <WORD>
(config-po-ch-if)# slow-drain pause timeout <NUMBER>
```

slow-drain pause timeout <NUMBER>

Description: Configure pause frame timeout

Syntax:

| | |
|------------|--|
| timeout | Configure pause frame timeout |
| <interval> | Configure pause timeout in milliseconds. Number range from=100 to=1000 |

Command Mode: interface ethernet : Ethernet IEEE 802.3z

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface ethernet <ifRange>
(config-leaf-if)# slow-drain pause timeout <NUMBER>
```

slow-drain pause timeout <NUMBER>**Description:** Configure pause frame timeout**Syntax:**

| | |
|------------|--|
| timeout | Configure pause frame timeout |
| <interval> | Configure pause timeout in milliseconds. Number range from=100 to=1000 |

Command Mode: interface port-channel : Port Channel interface**Command Path:**

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface port-channel <WORD> [fex <fex>]
(config-leaf-if)# slow-drain pause timeout <NUMBER>
```

slow-drain pause timeout <NUMBER>**Description:** Configure pause frame timeout**Syntax:**

| | |
|------------|--|
| timeout | Configure pause frame timeout |
| <interval> | Configure pause timeout in milliseconds. Number range from=100 to=1000 |

Command Mode: interface ethernet : Ethernet IEEE 802.3z**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface ethernet <ifRange>
(config-leaf-if)# slow-drain pause timeout <NUMBER>
```

slow-drain pause timeout <NUMBER>**Description:** Configure pause frame timeout**Syntax:**

| | |
|---------|-------------------------------|
| timeout | Configure pause frame timeout |
|---------|-------------------------------|

| | |
|-------------------------|--|
| <i><interval></i> | Configure pause timeout in milliseconds. Number range from=100 to=1000 |
|-------------------------|--|

Command Mode: interface port-channel : Port Channel interface

Command Path:

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface port-channel <WORD> [fex <fex>]
(config-leaf-if)# slow-drain pause timeout <NUMBER>
```

slow-drain pause timeout <NUMBER>

Description: Configure pause frame timeout

Syntax:

| | |
|-------------------------|--|
| timeout | Configure pause frame timeout |
| <i><interval></i> | Configure pause timeout in milliseconds. Number range from=100 to=1000 |

Command Mode: interface : Provide VPC Name

Command Path:

```
# configure [['terminal', 't']]
(config)# vpc context leaf <101-4000> <101-4000> [fex <fex>]
(config-vpc)# interface vpc <WORD> [fex <fex>]
(config-vpc-if)# slow-drain pause timeout <NUMBER>
```

slow-timer

slow-timer <NUMBER>

Description: Configure BFD SLOW-TIMER value in milliseconds

Syntax:

| | |
|------------|---|
| <interval> | BFD interval. Number range from=1000 to=30000 |
|------------|---|

Command Mode: template bfd : BFD group of commands

Command Path:

```
# configure [['terminal', 't']]
(config)# template bfd ip|ipv6 <WORD>
(config-bfd)# slow-timer <NUMBER>
```

smartcallhome

smartcallhome common

Description: Smart Callhome common policy configuration mode

Syntax:

| | |
|--------|--------------------------------|
| common | Create a smart Callhome Policy |
|--------|--------------------------------|

Command Mode: configure : Configuration Mode

Command Path:

```
# configure [['terminal', 't']]
(config)# smartcallhome common
```

snapshot download

snapshot download <WORD>

Description: Configuration snapshot download setup mode

Syntax:

| | |
|-------------|--------------------------|
| <i>WORD</i> | Snapshot downloader name |
|-------------|--------------------------|

Command Mode: configure : Configuration Mode

Command Path:

```
# configure [['terminal', 't']]
(config)# snapshot download <WORD>
```

snapshot export

snapshot export <WORD>

Description: Configuration export setup mode

Syntax:

| | |
|-------------|---------------------------|
| <i>WORD</i> | Export configuration name |
|-------------|---------------------------|

Command Mode: configure : Configuration Mode

Command Path:

```
# configure [['terminal', 't']]
(config)# snapshot export <WORD>
```

snapshot import

snapshot import <WORD>

Description: Configuration import setup mode

Syntax:

| | |
|-------------|---------------------------|
| <i>WORD</i> | Import configuration name |
|-------------|---------------------------|

Command Mode: configure : Configuration Mode

Command Path:

```
# configure [['terminal', 't']]
(config)# snapshot import <WORD>
```

snapshot rollback

snapshot rollback <WORD>

Description: Configuration rollback setup mode

Syntax:

| | |
|-------------|-----------------------------|
| <i>WORD</i> | Rollback configuration name |
|-------------|-----------------------------|

Command Mode: configure : Configuration Mode

Command Path:

```
# configure [['terminal', 't']]
(config)# snapshot rollback <WORD>
```

snapshot upload

snapshot upload <WORD>

Description: Configuration snapshot upload setup mode

Syntax:

| | |
|-------------|------------------------|
| <i>WORD</i> | Snapshot uploader name |
|-------------|------------------------|

Command Mode: configure : Configuration Mode

Command Path:

```
# configure [['terminal', 't']]
(config)# snapshot upload <WORD>
```


snmp-server clientgroup

snmp-server clientgroup <group-name> [management-epg <mgmt-epg>] [client <ip-address/hostname>]

Description: Configure SNMP client-group

Syntax:

| | |
|-----------------------|---|
| <group-name> | SNMP clientgroup |
| <mgmt-epg> | (Optional) Management EPG (default: oob-default) |
| <ip-address/hostname> | (Optional) Ip-address/hostname of the snmp client |

Command Mode: template snmp-fabric : Simple Network Management Protocol (SNMP)

Command Path:

```
# configure [['terminal', 't']]
(config)# template snmp-fabric <WORD>
(config-template-snmp-fabric)# snmp-server clientgroup <group-name> [management-epg
<mgmt-epg>] [client <ip-address/hostname>]
```

snmp-server community

snmp-server community <community-name>

Description: Configure SNMP community

Syntax:

| | |
|------------------|----------------|
| <community-name> | SNMP community |
|------------------|----------------|

Command Mode: template snmp-fabric : Simple Network Management Protocol (SNMP)

Command Path:

```
# configure [['terminal', 't']]
(config)# template snmp-fabric <WORD>
(config-template-snmp-fabric)# snmp-server community <community-name>
```

snmp-server contact

snmp-server contact <contact-name>

Description: Configure SNMP contact

Syntax:

| | |
|----------------|-------------------|
| <contact-name> | SNMP contact name |
|----------------|-------------------|

Command Mode: template snmp-fabric : Simple Network Management Protocol (SNMP)

Command Path:

```
# configure [['terminal', 't']]
(config)# template snmp-fabric <WORD>
(config-template-snmp-fabric)# snmp-server contact <contact-name>
```

snmp-server host

snmp-server host <ip-address/hostname> traps-version 1|2c|3 <community> auth|none|priv [udp-port <port>]
[management-epg <mgmt-epg>]

Description: Configure SNMP trap host

Syntax:

| | |
|-----------------------|--|
| <ip-address/hostname> | Ip-address/hostname of the snmp trap destination |
| traps-version | SNMP Version to use for traps |
| 1 | Use SNMPv1 |
| 2c | Use SNMPv2 |
| 3 | Use SNMPv3 |
| <community> | SNMP community/security |
| auth | Use Authentication Only |
| none | Use No Authentication |
| priv | Use Authentication and Encryption |
| <port> | (Optional) UDP port for traps (default 162) |
| <mgmt-epg> | (Optional) Management EPG (default: oob-default) |

Command Mode: template snmp-fabric : Simple Network Management Protocol (SNMP)

Command Path:

```
# configure [['terminal', 't']]
(config)# template snmp-fabric <WORD>
(config-template-snmp-fabric)# snmp-server host <ip-address/hostname> traps-version 1|2c|3
<community> auth|none|priv [udp-port <port>] [management-epg <mgmt-epg>]
```

snmp-server location

snmp-server location <location-name>

Description: Configure SNMP location

Syntax:

| | |
|-----------------|---------------|
| <location-name> | SNMP location |
|-----------------|---------------|

Command Mode: template snmp-fabric : Simple Network Management Protocol (SNMP)

Command Path:

```
# configure [['terminal', 't']]
(config)# template snmp-fabric <WORD>
(config-template-snmp-fabric)# snmp-server location <location-name>
```

snmp-server protocol

snmp-server protocol enable

Description: Enable SNMP protocol

Syntax:

| | |
|--------|----------------------|
| enable | Enable SNMP protocol |
|--------|----------------------|

Command Mode: template snmp-fabric : Simple Network Management Protocol (SNMP)

Command Path:

```
# configure [['terminal', 't']]
(config)# template snmp-fabric <WORD>
(config-template-snmp-fabric)# snmp-server protocol enable
```

snmp-server trap-fwd-server

snmp-server trap-fwd-server <server-ip>

Description: Configure SNMP Trap Forwarding Server

Syntax:

| | |
|--------------------------|----------------------|
| <i><server-ip></i> | SNMP trap-fwd-server |
|--------------------------|----------------------|

Command Mode: template snmp-fabric : Simple Network Management Protocol (SNMP)

Command Path:

```
# configure [['terminal', 't']]
(config)# template snmp-fabric <WORD>
(config-template-snmp-fabric)# snmp-server trap-fwd-server <server-ip>
```

snmp-server user

snmp-server user <user-name> auth sha|md5 priv aes|des|none

Description: Configure SNMP user

Syntax:

| | |
|--------------------------|---|
| <i><user-name></i> | SNMP user |
| auth | Authentication Type |
| sha | Use HMAC SHA algorithm for authentication |
| md5 | Use HMAC MD5 algorithm for authentication |
| priv | Privacy Type |
| aes | Use 128-bit AES algorithm for privacy |
| des | Use 64-bit DES algorithm for privacy |
| none | Do not use privacy |

Command Mode: template snmp-fabric : Simple Network Management Protocol (SNMP)

Command Path:

```
# configure [['terminal', 't']]
(config)# template snmp-fabric <WORD>
(config-template-snmp-fabric)# snmp-server user <user-name> auth sha|md5 priv aes|des|none
```


source-guard-admin-status

source-guard-admin-status enabled-both|disabled

Description: Config source guard administrative status in first hop security bridge domain policy

Syntax:

| | |
|--------------|--|
| enabled-both | Enable source guard for both IPv4 and IPv6 |
| disabled | Disable source guard |

Command Mode: security-policy : Configuration for security policy

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# first-hop-security
(config-tenant-fhs)# security-policy <WORD>
(config-tenant-fhs-secpol)# source-guard-admin-status enabled-both|disabled
```

source

source address <A.B.C.D|A:B::C:D/LEN>

Description: Configure source

Syntax:

| | |
|-----------------------------|--|
| address | IP Address |
| <i>A.B.C.D A:B::C:D/LEN</i> | Source of the exporter in format x.x.x.x x::x/m. Recommended to contain room for at least 12 host bits |

Command Mode: flow exporter : Configure Netflow Exporter

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# flow exporter <WORD> destination address <A.B.C.D or A:B::C:D> transport
udp <dstPort>
(config-tn-flow-exporter)# source address <A.B.C.D|A:B::C:D/LEN>
```

source address <A.B.C.D|A:B::C:D/LEN>

Description: Configure source

Syntax:

| | |
|-----------------------------|--|
| address | IP Address |
| <i>A.B.C.D A:B::C:D/LEN</i> | Source of the exporter in format x.x.x.x x::x/m. Recommended to contain room for at least 12 host bits |

Command Mode: flow exporter : Configure Netflow Exporter

Command Path:

```
# configure [['terminal', 't']]
(config)# flow exporter <WORD> destination address <A.B.C.D or A:B::C:D> transport udp
<dstPort>
(config-flow-exporter)# source address <A.B.C.D|A:B::C:D/LEN>
```

source address <A.B.C.D|A:B::C:D/LEN>

Description: Configure source

Syntax:

| | |
|-----------------------------|--|
| address | IP Address |
| <i>A.B.C.D A:B::C:D/LEN</i> | Source of the exporter in format x.x.x.x x::x/m. Recommended to contain room for at least 12 host bits |

Command Mode: flow vm-exporter : Configure NetFlow Exporter for VM Networking

Command Path:

```
# configure [['terminal', 't']]
(config)# flow vm-exporter <WORD> destination address <A.B.C.D or A:B::C:D> transport udp
<dstPort>
(config-flow-vm-exporter)# source address <A.B.C.D|A:B::C:D/LEN>
```

**source tenant <WORD> application <WORD> epg <WORD> [mac <E.E.E EE-EE-EE-EE-EE-EE EE:EE:EE:EE:EE:EE
EEEE.EEEE.EEEE >]**

Description: Configure monitor virtual source

Syntax:

| | |
|---|---|
| tenant | tenant |
| <i>WORD</i> | tenant name (Max Size 63) |
| application | application |
| <i>WORD</i> | application name (Max Size 64) |
| epg | epg |
| <i>WORD</i> | epg name (Max Size 64) |
| <i>E.E.E EE-EE-EE-EE-EE-EE EE:EE:EE:EE:EE:EE EEEE.EEEE.EEEE</i> | (Optional) MAC address (Option 1) MAC address (Option 2) MAC address (Option 3) MAC address (Option 4) |

Command Mode: monitor virtual : Configure monitor session for virtual switches

Command Path:

```
# configure [['terminal', 't']]
(config)# monitor virtual session <WORD>
(config-monitor-virtual)# source tenant <WORD> application <WORD> epg <WORD> [mac <E.E.E  
EE-EE-EE-EE-EE-EE EE:EE:EE:EE:EE:EE EEEE.EEEE.EEEE >]
```

source application

source application <application_name> epg <epg_name>

Description: Configure EPG as monitor source

Syntax:

| | |
|-------------------------|--------------------------------|
| <i>application_name</i> | application name (Max Size 64) |
| epg | epg |
| <i>epg_name</i> | epg name (Max Size 64) |

Command Mode: monitor tenant : Configue monitor session for tenant EPGs

Command Path:

```
# configure [['terminal', 't']]
(config)# monitor tenant <tenant_name> session <WORD>
(config-monitor-tenant)# source application <application_name> epg <epg_name>
```

source interface ethernet

source interface ethernet <ethernet> leaf <leaf Id>

Description: Configure monitor for ethernet access interfaces

Syntax:

| | |
|------------|-----------------------|
| <ethernet> | List of ethernet itfs |
| leaf | leaf |
| <leaf Id> | leaf Id |

Command Mode: monitor access : Configure monitor session for access interfaces

Command Path:

```
# configure [['terminal', 't']]
(config)# monitor access session <session_name>
(config-monitor-access)# source interface ethernet <ethernet> leaf <leaf Id>
```

source interface ethernet <ethernet> switch <switch Id>

Description: Configure monitor for ethernet fabric interfaces

Syntax:

| | |
|-------------|--------------------------|
| <ethernet> | ethernet interface range |
| switch | switch |
| <switch Id> | switch Id |

Command Mode: monitor fabric : Configure monitor session for fabric interfaces

Command Path:

```
# configure [['terminal', 't']]
(config)# monitor fabric session <session_name>
(config-monitor-fabric)# source interface ethernet <ethernet> switch <switch Id>
```

source interface port-channel

source interface port-channel <port-channel list> leaf <leaf Id> [fex <fex Id>]

Description: Configure monitor for port-channel interfaces

Syntax:

| | |
|---------------------|---------------------|
| <port-channel list> | <port-channel list> |
| leaf | leaf |
| <leaf Id> | leaf Id |
| <fex Id> | (Optional) fex Id |

Command Mode: monitor access : Configure monitor session for access interfaces

Command Path:

```
# configure [['terminal', 't']]
(config)# monitor access session <session_name>
(config-monitor-access)# source interface port-channel <port-channel list> leaf <leaf Id>
[fex <fex Id>]
```

source interface vpc

source interface vpc <vpc list> leaf <leaf Id1> <leaf Id2> [fex <fex Ids>]

Description: Configure monitor for VPC interfaces

Syntax:

| | |
|------------|---------------------------|
| <vpc list> | <vpc list> |
| leaf | leaf |
| <leaf Id1> | leaf Id1 |
| <leaf Id2> | leaf Id2 |
| <fex Ids> | (Optional) paired fex Ids |

Command Mode: monitor access : Configure monitor session for access interfaces

Command Path:

```
# configure [['terminal', 't']]
(config)# monitor access session <session_name>
(config-monitor-access)# source interface vpc <vpc list> leaf <leaf Id1> <leaf Id2> [fex
<fex Ids>]
```

spanning-tree

spanning-tree mst configuration

Description: STP MST configuration mode

Syntax:

| | |
|---------------|---|
| mst | Multiple spanning tree |
| configuration | Configure multiple spanning tree protocol |

Command Mode: configure : Configuration Mode

Command Path:

```
# configure [['terminal', 't']]
(config)# spanning-tree mst configuration
```

spanning-tree

Description: Add spanning tree

Command Mode: template leaf-policy-group : Configure Leaf Policy Group

Command Path:

```
# configure [['terminal', 't']]
(config)# template leaf-policy-group <WORD>
(config-leaf-policy-group)# spanning-tree
```

spanning-tree bpdu-filter|bpdu-guard <enable|disable>

Description: Enable or Disable BPDU filter/guard

Syntax:

| | |
|------------------|---|
| bpdu-filter | Don't send or receive BPDUs on this interface |
| bpdu-guard | Don't accept BPDUs on this interface |
| <enable disable> | enable/disable BPDU filter/guard |

Command Mode: template policy-group : Configure Policy Group Parameters

Command Path:

```
# configure [['terminal', 't']]
(config)# template policy-group <WORD>
(config-pol-grp-if)# spanning-tree bpdu-filter|bpdu-guard <enable|disable>
```


spanning-tree bpdu-filter|bpdu-guard <enable|disable>**Description:** Enable BPDU filter/guard**Syntax:**

| | |
|------------------|---|
| bpdu-filter | Don't send or receive BPDUs on this interface |
| bpdu-guard | Don't accept BPDUs on this interface |
| <enable disable> | enable/disable BPDU filter/guard |

Command Mode: template port-channel : Configure Port-Channel Parameters**Command Path:**

```
# configure [['terminal', 't']]
(config)# template port-channel <WORD>
(config-po-ch-if)# spanning-tree bpdu-filter|bpdu-guard <enable|disable>
```

spanning-tree bpdu-filter|bpdu-guard <enable|disable>**Description:** Enable or disable BPDU filter/guard**Syntax:**

| | |
|------------------|---|
| bpdu-filter | Don't send or receive BPDUs on this interface |
| bpdu-guard | Don't accept BPDUs on this interface |
| <enable disable> | enable/disable BPDU filter/guard |

Command Mode: interface ethernet : Ethernet IEEE 802.3z**Command Path:**

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface ethernet <ifRange>
(config-leaf-if)# spanning-tree bpdu-filter|bpdu-guard <enable|disable>
```

spanning-tree bpdu-filter|bpdu-guard <enable|disable>**Description:** Enable BPDU filter/guard**Syntax:**

| | |
|------------------|---|
| bpdu-filter | Don't send or receive BPDUs on this interface |
| bpdu-guard | Don't accept BPDUs on this interface |
| <enable disable> | enable/disable BPDU filter/guard |

Command Mode: interface port-channel : Port Channel interface**Command Path:**

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface port-channel <WORD> [fex <fex>]
(config-leaf-if)# spanning-tree bpdu-filter|bpdu-guard <enable|disable>
```

spanning-tree bpdu-filter|bpdu-guard <enable|disable>

Description: Enable or disable BPDU filter/guard

Syntax:

| | |
|------------------|---|
| bpdu-filter | Don't send or receive BPDUs on this interface |
| bpdu-guard | Don't accept BPDUs on this interface |
| <enable disable> | enable/disable BPDU filter/guard |

Command Mode: interface ethernet : Ethernet IEEE 802.3z

Command Path:

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface ethernet <ifRange>
(config-leaf-if)# spanning-tree bpdu-filter|bpdu-guard <enable|disable>
```

spanning-tree bpdu-filter|bpdu-guard <enable|disable>

Description: Enable BPDU filter/guard

Syntax:

| | |
|------------------|---|
| bpdu-filter | Don't send or receive BPDUs on this interface |
| bpdu-guard | Don't accept BPDUs on this interface |
| <enable disable> | enable/disable BPDU filter/guard |

Command Mode: interface port-channel : Port Channel interface

Command Path:

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface port-channel <WORD> [fex <fex>]
(config-leaf-if)# spanning-tree bpdu-filter|bpdu-guard <enable|disable>
```

spanning-tree bpdu-filter|bpdu-guard <enable|disable>

Description: Spanning Tree Subsystem

Syntax:

| | |
|-------------|---|
| bpdu-filter | Don't send or receive BPDUs on this interface |
|-------------|---|

| | |
|------------------|--------------------------------------|
| bpdu-guard | Don't accept BPDUs on this interface |
| <enable disable> | enable/disable BPDU filter/guard |

Command Mode: interface : Provide VPC Name

Command Path:

```
# configure [['terminal', 't']]
(config)# vpc context leaf <101-4000> <101-4000> [fex <fex>]
(config-vpc)# interface vpc <WORD> [fex <fex>]
(config-vpc-if)# spanning-tree bpdu-filter|bpdu-guard <enable|disable>
```

spanning-tree bpdu-filter

spanning-tree bpdu-filter enable|disable|default

Description: Configure BPDU filter override on AVS uplink ports

Syntax:

| | |
|---------|--|
| enable | Enable BPDU filter |
| disable | Disable BPDU filter |
| default | Remove BPDU filter/guard override policy |

Command Mode: configure-avs : Configure a VMWare Domain as AVS (N1K) type

Command Path:

```
# configure [['terminal', 't']]
(config)# vmware-domain <WORD> [delimiter <WORD>] [access-mode <access-mode>]
(config-vmware)# configure-avs
(config-vmware-avs)# spanning-tree bpdu-filter enable|disable|default
```

spanning-tree bpdu-filter enable|disable|default

Description: Configure BPDU filter override on AVS uplink ports

Syntax:

| | |
|---------|--|
| enable | Enable BPDU filter |
| disable | Disable BPDU filter |
| default | Remove BPDU filter/guard override policy |

Command Mode: configure-ave : Configure a Cisco AVE domain

Command Path:

```
# configure [['terminal', 't']]
(config)# vmware-domain <WORD> [delimiter <WORD>] [access-mode <access-mode>]
(config-vmware)# configure-ave
(config-vmware-ave)# spanning-tree bpdu-filter enable|disable|default
```

spanning-tree bpdu-guard

spanning-tree bpdu-guard enable|disable|default

Description: Configure BPDU guard override on AVS uplink ports

Syntax:

| | |
|---------|--|
| enable | Enable BPDU guard |
| disable | Disable BPDU guard |
| default | Remove BPDU filter/guard override policy |

Command Mode: configure-avs : Configure a VMWare Domain as AVS (N1K) type

Command Path:

```
# configure [['terminal', 't']]
(config)# vmware-domain <WORD> [delimiter <WORD>] [access-mode <access-mode>]
(config-vmware)# configure-avs
(config-vmware-avs)# spanning-tree bpdu-guard enable|disable|default
```

spanning-tree bpdu-guard enable|disable|default

Description: Configure BPDU guard override on AVS uplink ports

Syntax:

| | |
|---------|--|
| enable | Enable BPDU guard |
| disable | Disable BPDU guard |
| default | Remove BPDU filter/guard override policy |

Command Mode: configure-ave : Configure a Cisco AVE domain

Command Path:

```
# configure [['terminal', 't']]
(config)# vmware-domain <WORD> [delimiter <WORD>] [access-mode <access-mode>]
(config-vmware)# configure-ave
(config-vmware-ave)# spanning-tree bpdu-guard enable|disable|default
```

speed

speed <interfaceSpeed>

Description: Configure Interface Speed

Syntax:

| | |
|------------------|------------------------|
| <interfaceSpeed> | Interface Speed Policy |
|------------------|------------------------|

Command Mode: template policy-group : Configure Policy Group Parameters

Command Path:

```
# configure [['terminal', 't']]
(config)# template policy-group <WORD>
(config-pol-grp-if)# speed <interfaceSpeed>
```

speed <portChannelSpeed>

Description: Configure Interface Speed

Syntax:

| | |
|--------------------|---------------------------|
| <portChannelSpeed> | Port-Channel Speed Policy |
|--------------------|---------------------------|

Command Mode: template port-channel : Configure Port-Channel Parameters

Command Path:

```
# configure [['terminal', 't']]
(config)# template port-channel <WORD>
(config-po-ch-if)# speed <portChannelSpeed>
```

speed <interfaceSpeed>

Description: Configure Interface Speed

Syntax:

| | |
|------------------|------------------------|
| <interfaceSpeed> | Interface Speed Policy |
|------------------|------------------------|

Command Mode: template spine-interface-policy-group : Configure Policy Group Parameters

Command Path:

```
# configure [['terminal', 't']]
(config)# template spine-interface-policy-group <WORD>
(config-spine-if-pol-grp)# speed <interfaceSpeed>
```

speed <interfaceSpeed>**Description:** Configure Interface Speed**Syntax:**

| | |
|-------------------------------|------------------------|
| <i><interfaceSpeed></i> | Interface Speed Policy |
|-------------------------------|------------------------|

Command Mode: interface ethernet : Ethernet IEEE 802.3z**Command Path:**

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface ethernet <ifRange>
(config-leaf-if)# speed <interfaceSpeed>
```

speed <speed>**Description:** Configure Interface Speed**Syntax:**

| | |
|----------------------|-------------|
| <i><speed></i> | Speed Value |
|----------------------|-------------|

Command Mode: interface port-channel : Port Channel interface**Command Path:**

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface port-channel <WORD> [fex <fex>]
(config-leaf-if)# speed <speed>
```

speed <interfaceSpeed>**Description:** Configure Interface Speed**Syntax:**

| | |
|-------------------------------|------------------------|
| <i><interfaceSpeed></i> | Interface Speed Policy |
|-------------------------------|------------------------|

Command Mode: interface ethernet : Ethernet IEEE 802.3z**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface ethernet <ifRange>
(config-leaf-if)# speed <interfaceSpeed>
```

speed <speed>**Description:** Configure Interface Speed**Syntax:**

| | |
|----------------------|-------------|
| <i><speed></i> | Speed Value |
|----------------------|-------------|

Command Mode: interface port-channel : Port Channel interface

Command Path:

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface port-channel <WORD> [fex <fex>]
(config-leaf-if)# speed <speed>
```

speed <speed>

Description: Configure Interface Speed

Syntax:

| | |
|----------------------|------------------------|
| <i><speed></i> | Interface Speed Policy |
|----------------------|------------------------|

Command Mode: interface : Provide VPC Name

Command Path:

```
# configure [['terminal', 't']]
(config)# vpc context leaf <101-4000> <101-4000> [fex <fex>]
(config-vpc)# interface vpc <WORD> [fex <fex>]
(config-vpc-if)# speed <speed>
```


spf-interval

spf-interval level-1 <NUMBER> <50-120000> <50-120000>

Description: Set the ISIS SPF maximal wait interval

Syntax:

| | |
|-------------------------|---|
| level-1 | Level 1 |
| <50-120000> | SPF maximum wait interval. Number range from=50 to=120000 |
| <50-120000> <50-120000> | Initial and secondary wait intervals (both values are required) |

Command Mode: isis : Intermediate System to Intermediate System (IS-IS)

Command Path:

```
# configure [['terminal', 't']]
(config)# pod <NUMBER>
(config-pod)# isis fabric
(config-pod-isis)# spf-interval level-1 <NUMBER> <50-120000> <50-120000>
```

spf-interval level-1 <NUMBER> <50-120000> <50-120000>

Description: Set the ISIS SPF maximal wait interval

Syntax:

| | |
|-------------------------|---|
| level-1 | Level 1 |
| <50-120000> | SPF maximum wait interval. Number range from=50 to=120000 |
| <50-120000> <50-120000> | Initial and secondary wait intervals (both values are required) |

Command Mode: template isis-fabric : InterSystem-InterSystem Protocol (IS-IS)

Command Path:

```
# configure [['terminal', 't']]
(config)# template isis-fabric <WORD>
(config-template-isis-fabric)# spf-interval level-1 <NUMBER> <50-120000> <50-120000>
```

spine-group

spine-group <WORD>

Description: Configure Spine Group

Syntax:

| | |
|-------------|--------------------------------|
| <i>WORD</i> | Spine Group name (Max Size 64) |
|-------------|--------------------------------|

Command Mode: spine-profile : Configure Spine Profile

Command Path:

```
# configure [['terminal', 't']]
(config)# spine-profile <WORD>
(config-spine-profile)# spine-group <WORD>
```

spine-group <WORD>

Description: Configure Spine Group

Syntax:

| | |
|-------------|--------------------------------|
| <i>WORD</i> | Spine Group name (Max Size 64) |
|-------------|--------------------------------|

Command Mode: spine-profile : Configure Spine Profile

Command Path:

```
# configure [['terminal', 't']]
(config)# fabric-internal
(config-fabric-internal)# spine-profile <WORD>
(config-spine-profile)# spine-group <WORD>
```

spine-interface-group

spine-interface-group <WORD>

Description: Configure Spine Interface Group

Syntax:

| | |
|-------------|--|
| <i>WORD</i> | Spine Interface Group name (Max Size 64) |
|-------------|--|

Command Mode: spine-interface-profile : Create Spine Interface Profile

Command Path:

```
# configure [['terminal', 't']]
(config)# spine-interface-profile <WORD>
(config-spine-if-profile)# spine-interface-group <WORD>
```

spine-interface-group <WORD>

Description: Configure Spine Interface Group

Syntax:

| | |
|-------------|--|
| <i>WORD</i> | Spine Interface Group name (Max Size 64) |
|-------------|--|

Command Mode: spine-interface-profile : Create Spine Interface Profile

Command Path:

```
# configure [['terminal', 't']]
(config)# fabric-internal
(config-fabric-internal)# spine-interface-profile <WORD>
(config-spine-if-profile)# spine-interface-group <WORD>
```

spine-interface-policy-group

spine-interface-policy-group <WORD>

Description: Associate an Interface Policy Group to this Interface Group

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Spine Interface Policy Group Name (Max Size 64) |
|-------------|---|

Command Mode: spine-interface-group : Configure Spine Interface Group

Command Path:

```
# configure [['terminal', 't']]
(config)# spine-interface-profile <WORD>
(config-spine-if-profile)# spine-interface-group <WORD>
(config-spine-if-group)# spine-interface-policy-group <WORD>
```

spine-interface-policy-group <WORD>

Description: Associate an Interface Policy Group to this Interface Group

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Spine Interface Policy Group Name (Max Size 64) |
|-------------|---|

Command Mode: spine-interface-group : Configure Spine Interface Group

Command Path:

```
# configure [['terminal', 't']]
(config)# fabric-internal
(config-fabric-internal)# spine-interface-profile <WORD>
(config-spine-if-profile)# spine-interface-group <WORD>
(config-spine-if-group)# spine-interface-policy-group <WORD>
```

spine-interface-policy-group <WORD> [force]

Description: Configure Spine Interface Policy Group

Syntax:

| | |
|-------------|--|
| <i>WORD</i> | Spine Interface Policy Group Name (Max Size 64) |
| force | (Optional) Delete Per Port Configuration and apply spine-interface-policy-group config |

Command Mode: interface ethernet : Ethernet IEEE 802.3z

Command Path:

```
# configure [['terminal', 't']]
```

```
(config)# leaf <101-4000>
(config-leaf)# interface ethernet <ifRange>
(config-leaf-if)# spine-interface-policy-group <WORD> [force]
```

spine-interface-policy-group <WORD> [force]

Description: Configure Spine Interface Policy Group

Syntax:

| | |
|-------------|--|
| <i>WORD</i> | Spine Interface Policy Group Name (Max Size 64) |
| force | (Optional) Delete Per Port Configuration and apply spine-interface-policy-group config |

Command Mode: interface ethernet : Ethernet IEEE 802.3z

Command Path:

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface ethernet <ifRange>
(config-leaf-if)# spine-interface-policy-group <WORD> [force]
```

spine-interface-profile

spine-interface-profile <WORD>

Description: Attach Spine Interface Profile to the Spine Profile

Syntax:

| | |
|-------------|--|
| <i>WORD</i> | Spine Interface Profile name (Max Size 64) |
|-------------|--|

Command Mode: spine-profile : Configure Spine Profile

Command Path:

```
# configure [['terminal', 't']]
(config)# spine-profile <WORD>
(config-spine-profile)# spine-interface-profile <WORD>
```

spine-interface-profile <WORD>

Description: Create Spine Interface Profile

Syntax:

| | |
|-------------|--|
| <i>WORD</i> | Spine Interface Profile name (Max Size 64) |
|-------------|--|

Command Mode: configure : Configuration Mode

Command Path:

```
# configure [['terminal', 't']]
(config)# spine-interface-profile <WORD>
```

spine-interface-profile <WORD>

Description: Create Spine Interface Profile

Syntax:

| | |
|-------------|--|
| <i>WORD</i> | Spine Interface Profile name (Max Size 64) |
|-------------|--|

Command Mode: fabric-internal : Fabric Policy Configuration for internal ports

Command Path:

```
# configure [['terminal', 't']]
(config)# fabric-internal
(config-fabric-internal)# spine-interface-profile <WORD>
```

spine-interface-profile <WORD>

Description: Attach Spine Interface Profile to the Spine Profile

Syntax:

| | |
|-------------|--|
| <i>WORD</i> | Spine Interface Profile name (Max Size 64) |
|-------------|--|

Command Mode: spine-profile : Configure Spine Profile

Command Path:

```
# configure [['terminal', 't']]
(config)# fabric-internal
(config-fabric-internal)# spine-profile <WORD>
(config-spine-profile)# spine-interface-profile <WORD>
```

spine-policy-group

spine-policy-group <WORD>

Description: Configure spine policy group

Syntax:

| | |
|-------------|---------------------------------|
| <i>WORD</i> | spine policy name (Max Size 64) |
|-------------|---------------------------------|

Command Mode: spine-group : Configure Spine Group

Command Path:

```
# configure [['terminal', 't']]
(config)# spine-profile <WORD>
(config-spine-profile)# spine-group <WORD>
(config-spine-group)# spine-policy-group <WORD>
```

spine-policy-group <WORD>

Description: Configure spine policy group

Syntax:

| | |
|-------------|---------------------------------|
| <i>WORD</i> | spine policy name (Max Size 64) |
|-------------|---------------------------------|

Command Mode: spine-group : Configure Spine Group

Command Path:

```
# configure [['terminal', 't']]
(config)# fabric-internal
(config-fabric-internal)# spine-profile <WORD>
(config-spine-profile)# spine-group <WORD>
(config-spine-group)# spine-policy-group <WORD>
```


spine-profile

spine-profile <WORD>

Description: Configure Spine Profile

Syntax:

| | |
|-------------|----------------------------------|
| <i>WORD</i> | Spine Profile name (Max Size 64) |
|-------------|----------------------------------|

Command Mode: configure : Configuration Mode

Command Path:

```
# configure [['terminal', 't']]
(config)# spine-profile <WORD>
```

spine-profile <WORD>

Description: Configure Spine Profile

Syntax:

| | |
|-------------|----------------------------------|
| <i>WORD</i> | Spine Profile name (Max Size 64) |
|-------------|----------------------------------|

Command Mode: fabric-internal : Fabric Policy Configuration for internal ports

Command Path:

```
# configure [['terminal', 't']]
(config)# fabric-internal
(config-fabric-internal)# spine-profile <WORD>
```

spine

spine <101-4000>

Description: Provide a Range of Nodes

Syntax:

| | |
|------------|--------------------------------|
| <101-4000> | Spine Range or Spine Name List |
|------------|--------------------------------|

Command Mode: spine-group : Configure Spine Group

Command Path:

```
# configure [['terminal', 't']]
(config)# spine-profile <WORD>
(config-spine-profile)# spine-group <WORD>
(config-spine-group)# spine <101-4000>
```

spine <101-4000>

Description: Provide a Range of Nodes

Syntax:

| | |
|------------|--------------------------------|
| <101-4000> | Spine Range or Spine Name List |
|------------|--------------------------------|

Command Mode: spine-group : Configure Spine Group

Command Path:

```
# configure [['terminal', 't']]
(config)# fabric-internal
(config-fabric-internal)# spine-profile <WORD>
(config-spine-profile)# spine-group <WORD>
(config-spine-group)# spine <101-4000>
```

spine <101-4000>

Description: Configure Spine Node

Syntax:

| | |
|------------|--------------------------------|
| <101-4000> | Spine Range or Spine Name List |
|------------|--------------------------------|

Command Mode: configure : Configuration Mode

Command Path:

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
```

ssh-ciphers

ssh-ciphers <sshCiphers>

Description: Set the SSH ciphers (comma separated values)

Syntax:

| | |
|-------------------|---|
| <i>sshCiphers</i> | SSH Ciphers as comma separated values like val1,val2,..valN |
|-------------------|---|

Command Mode: ssh-service : SSH communication policy group

Command Path:

```
# configure [['terminal', 't']]
(config)# comm-policy <WORD>
(config-comm-policy)# ssh-service
(config-ssh-service)# ssh-ciphers <sshCiphers>
```

ssh-key

ssh-key <WORD>

Description: Update ssh key for the user for ssh authentication

Syntax:

| | |
|-------------|----------------------------------|
| <i>WORD</i> | A name for SSH key (Max Size 64) |
|-------------|----------------------------------|

Command Mode: username : Create a locally-authenticated user account

Command Path:

```
# configure [['terminal', 't']]
(config)# username <WORD>
(config-username)# ssh-key <WORD>
```

ssh-macs

ssh-macs <sshMacs>

Description: Set the SSH macs (comma separated values)

Syntax:

| | |
|----------------|--|
| <i>sshMacs</i> | SSH Macs as comma separated values like val1,val2,..valN |
|----------------|--|

Command Mode: ssh-service : SSH communication policy group

Command Path:

```
# configure [['terminal', 't']]
(config)# comm-policy <WORD>
(config-comm-policy)# ssh-service
(config-ssh-service)# ssh-macs <sshMacs>
```

ssh-service

ssh-service

Description: SSH communication policy group

Command Mode: comm-policy : Configure any communication policy, ssh/telnet/shellinabox/http/https

Command Path:

```
# configure [['terminal', 't']]
(config)# comm-policy <WORD>
(config-comm-policy)# ssh-service
```

ssl-protocols

ssl-protocols <sslProtocols>

Description: Set the SSL protocol (comma separated values)

Syntax:

| | |
|---------------------|---|
| <i>sslProtocols</i> | SSL Protocols as comma separated values like val1,val2,..valN |
|---------------------|---|

Command Mode: https : HTTPS communication policy group

Command Path:

```
# configure [['terminal', 't']]
(config)# comm-policy <WORD>
(config-comm-policy)# https
(config-https)# ssl-protocols <sslProtocols>
```

ssl-validation-level

ssl-validation-level <ssl-validation-level>

Description: Set the LDAP Server SSL Certificate validation level

Syntax:

| | |
|------------------------|------------------------|
| <ssl-validation-level> | <ssl-validation-level> |
|------------------------|------------------------|

Command Mode: ldap-server host : LDAP server DNS name or IP address

Command Path:

```
# configure [['terminal', 't']]
(config)# ldap-server host <A.B.C.D|A:B::C:D|WORD>
(config-host)# ssl-validation-level <ssl-validation-level>
```


state

state <WORD>

Description: Set The state or province in which the organization is located.

Syntax:

| | |
|--------|---------------------------------|
| <WORD> | state or province (Max Size 64) |
|--------|---------------------------------|

Command Mode: csr : A csr mode to create and hold an SSL certificate

Command Path:

```
# configure [['terminal', 't']]
(config)# crypto keyring <WORD>
(config-keyring)# csr
(config-csr)# state <WORD>
```

state <cipherState>

Description: Cipher state

Syntax:

| | |
|--------------------|--|
| <i>cipherState</i> | Cipher state as comma separated values like val1,val2,..valN |
|--------------------|--|

Command Mode: ciphers : HTTPS cipher suite

Command Path:

```
# configure [['terminal', 't']]
(config)# comm-policy <WORD>
(config-comm-policy)# https
(config-https)# ciphers <WORD>
(config-ciphers)# state <cipherState>
```

static-endpoint

static-endpoint mac *E.E.E*[*EE-EE-EE-EE-EE-EE*][*EE:EE:EE:EE:EE:EE*][*EEEE.EEEE.EEEE* vlan <NUMBER> [ip <*A1.B1.C1.D1*,...,*An.Bn.Cn.Dn*>] [ipv6 <*A1:B1::C1:D1*,...,*An:Bn::Cn:Dn*>]

Description: Configure Silent Host behind an EPG with a Static Path Attachment

Syntax:

| | |
|---|---|
| mac | MAC address |
| <i>E.E.E</i> | MAC address (Option 1) |
| <i>EE-EE-EE-EE-EE-EE</i> | MAC address (Option 2) |
| <i>EE:EE:EE:EE:EE:EE</i> | MAC address (Option 3) |
| <i>EEEE.EEEE.EEEE</i> | MAC address (Option 4) |
| vlan | Encapsulation Vlan |
| < <i>1-4094</i> > | Encapsulation Vlan. Number range from=1 to=4094 |
| <i>A1.B1.C1.D1</i> ,..., <i>An.Bn.Cn.Dn</i> | (Optional) List of IP addresses in format i.i.i.i |
| <i>A1:B1::C1:D1</i> ,..., <i>An:Bn::Cn:Dn</i> | (Optional) List of IPv6 address in format xxxx:xxxx, xxxx::xx |

Command Mode: interface ethernet : Ethernet IEEE 802.3z

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface ethernet <ifRange>
(config-leaf-if)# static-endpoint mac E.E.E[EE-EE-EE-EE-EE-EE][EE:EE:EE:EE:EE:EE][EEEE.EEEE.EEEE
vlan <NUMBER> [ip <A1.B1.C1.D1,...,An.Bn.Cn.Dn>] [ipv6 <A1:B1::C1:D1,...,An:Bn::Cn:Dn>]
```

static-endpoint mac *E.E.E*[*EE-EE-EE-EE-EE-EE*][*EE:EE:EE:EE:EE:EE*][*EEEE.EEEE.EEEE* vlan <NUMBER> [ip <*A1.B1.C1.D1*,...,*An.Bn.Cn.Dn*>] [ipv6 <*A1:B1::C1:D1*,...,*An:Bn::Cn:Dn*>]

Description: Configure silent Host behind an EPG with a Static Path Attachment

Syntax:

| | |
|--------------------------|------------------------|
| mac | MAC address |
| <i>E.E.E</i> | MAC address (Option 1) |
| <i>EE-EE-EE-EE-EE-EE</i> | MAC address (Option 2) |
| <i>EE:EE:EE:EE:EE:EE</i> | MAC address (Option 3) |
| <i>EEEE.EEEE.EEEE</i> | MAC address (Option 4) |

| | |
|--------------------------------------|---|
| vlan | Encapsulation Vlan |
| <1-4094> | Encapsulation Vlan. Number range from=1 to=4094 |
| <i>A1.B1.C1.D1,...,An.Bn.Cn.Dn</i> | (Optional) List of IP addresses in format i.i.i.i |
| <i>A1:B1::C1:D1,...,An:Bn::Cn:Dn</i> | (Optional) List of IPv6 address in format xxxx:xxxx, xxxx::xx |

Command Mode: interface port-channel : Port Channel interface

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface port-channel <WORD> [fex <fex>]
(config-leaf-if)# static-endpoint mac E.E.E|EE-EE-EE-EE-EE-EE|EE:EE:EE:EE:EE:EE|EEEE.EEEE.EEEE
vlan <NUMBER> [ip <A1.B1.C1.D1,...,An.Bn.Cn.Dn>] [ipv6 <A1:B1::C1:D1,...,An:Bn::Cn:Dn>]
```

static-endpoint mac E.E.E|EE-EE-EE-EE-EE-EE|EE:EE:EE:EE:EE:EE|EEEE.EEEE.EEEE vlan <NUMBER> [ip <A1.B1.C1.D1,...,An.Bn.Cn.Dn>] [ipv6 <A1:B1::C1:D1,...,An:Bn::Cn:Dn>]

Description: Configure Silent Host behind an EPG with a Static Path Attachment

Syntax:

| | |
|--------------------------------------|---|
| mac | MAC address |
| <i>E.E.E</i> | MAC address (Option 1) |
| <i>EE-EE-EE-EE-EE-EE</i> | MAC address (Option 2) |
| <i>EE:EE:EE:EE:EE:EE</i> | MAC address (Option 3) |
| <i>EEEE.EEEE.EEEE</i> | MAC address (Option 4) |
| vlan | Encapsulation Vlan |
| <1-4094> | Encapsulation Vlan. Number range from=1 to=4094 |
| <i>A1.B1.C1.D1,...,An.Bn.Cn.Dn</i> | (Optional) List of IP addresses in format i.i.i.i |
| <i>A1:B1::C1:D1,...,An:Bn::Cn:Dn</i> | (Optional) List of IPv6 address in format xxxx:xxxx, xxxx::xx |

Command Mode: interface ethernet : Ethernet IEEE 802.3z

Command Path:

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface ethernet <ifRange>
(config-leaf-if)# static-endpoint mac E.E.E|EE-EE-EE-EE-EE-EE|EE:EE:EE:EE:EE:EE|EEEE.EEEE.EEEE
vlan <NUMBER> [ip <A1.B1.C1.D1,...,An.Bn.Cn.Dn>] [ipv6 <A1:B1::C1:D1,...,An:Bn::Cn:Dn>]
```

static-endpoint mac *E.E.E*|*EE-EE-EE-EE-EE-EE*|*EE:EE:EE:EE:EE:EE*|*EEEE.EEEE.EEEE* **vlan** <NUMBER> [**ip** <*A1.B1.C1.D1*,...,*An.Bn.Cn.Dn*>] [**ipv6** <*A1:B1::C1:D1*,...,*An:Bn::Cn:Dn*>]

Description: Configure silent Host behind an EPG with a Static Path Attachment

Syntax:

| | |
|---|---|
| mac | MAC address |
| <i>E.E.E</i> | MAC address (Option 1) |
| <i>EE-EE-EE-EE-EE-EE</i> | MAC address (Option 2) |
| <i>EE:EE:EE:EE:EE:EE</i> | MAC address (Option 3) |
| <i>EEEE.EEEE.EEEE</i> | MAC address (Option 4) |
| vlan | Encapsulation Vlan |
| < <i>1-4094</i> > | Encapsulation Vlan. Number range from=1 to=4094 |
| <i>A1.B1.C1.D1</i> ,..., <i>An.Bn.Cn.Dn</i> | (Optional) List of IP addresses in format i.i.i.i |
| <i>A1:B1::C1:D1</i> ,..., <i>An:Bn::Cn:Dn</i> | (Optional) List of IPv6 address in format xxxx:xxxx, xxxx::xx |

Command Mode: interface port-channel : Port Channel interface

Command Path:

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface port-channel <WORD> [fex <fex>]
(config-leaf-if)# static-endpoint mac E.E.E|EE-EE-EE-EE-EE-EE|EE:EE:EE:EE:EE:EE|EEEE.EEEE.EEEE
vlan <NUMBER> [ip <A1.B1.C1.D1, ..., An.Bn.Cn.Dn>] [ipv6 <A1:B1::C1:D1, ..., An:Bn::Cn:Dn>]
```

static-endpoint mac *E.E.E*|*EE-EE-EE-EE-EE-EE*|*EE:EE:EE:EE:EE:EE*|*EEEE.EEEE.EEEE* **vlan** <NUMBER> [**ip** <*A1.B1.C1.D1*,...,*An.Bn.Cn.Dn*>] [**ipv6** <*A1:B1::C1:D1*,...,*An:Bn::Cn:Dn*>]

Description: Configure silent Host behind a EPG with a Static Path Attachment

Syntax:

| | |
|---|---|
| mac | MAC address |
| <i>E.E.E</i> | MAC address (Option 1) |
| <i>EE-EE-EE-EE-EE-EE</i> | MAC address (Option 2) |
| <i>EE:EE:EE:EE:EE:EE</i> | MAC address (Option 3) |
| <i>EEEE.EEEE.EEEE</i> | MAC address (Option 4) |
| vlan | Encapsulation Vlan |
| < <i>1-4094</i> > | Encapsulation Vlan. Number range from=1 to=4094 |
| <i>A1.B1.C1.D1</i> ,..., <i>An.Bn.Cn.Dn</i> | (Optional) List of IP addresses in format i.i.i.i |

| | |
|--------------------------------------|--|
| <i>A1:B1::C1:D1,...,An:Bn::Cn:Dn</i> | (Optional) List of IPv6 address in format xxxx:xxxx, xxxx:xx |
|--------------------------------------|--|

Command Mode: interface : Provide VPC Name

Command Path:

```
# configure [['terminal', 't']]
(config)# vpc context leaf <101-4000> <101-4000> [fex <fex>]
(config-vpc)# interface vpc <WORD> [fex <fex>]
(config-vpc-if)# static-endpoint mac E.E.E|EE-EE-EE-EE-EE-EE|EE:EE:EE:EE:EE:EE|EEEE.EEEE.EEEE
vlan <NUMBER> [ip <A1.B1.C1.D1,...,An.Bn.Cn.Dn>] [ipv6 <A1:B1::C1:D1,..,An:Bn::Cn:Dn>]
```

static-tep

static-tep mac *E.E.E|EE-EE-EE-EE-EE-EE|EE:EE:EE:EE:EE:EE|EEEE.EEEE.EEEE* **vlan** <NUMBER> <A.B.C.D>

Description: Configure a static Tunnel Endpoint behind an EPG with a Static Path Attachment

Syntax:

| | |
|--------------------------|---|
| mac | MAC address |
| <i>E.E.E</i> | MAC address (Option 1) |
| <i>EE-EE-EE-EE-EE-EE</i> | MAC address (Option 2) |
| <i>EE:EE:EE:EE:EE:EE</i> | MAC address (Option 3) |
| <i>EEEE.EEEE.EEEE</i> | MAC address (Option 4) |
| vlan | Encapsulation Vlan |
| <1-4094> | VLAN range. Number range from=1 to=4094 |
| <i>A.B.C.D</i> | IP address in format i.i.i.i |

Command Mode: interface ethernet : Ethernet IEEE 802.3z

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface ethernet <ifRange>
(config-leaf-if)# static-tep mac E.E.E|EE-EE-EE-EE-EE-EE|EE:EE:EE:EE:EE:EE|EEEE.EEEE.EEEE
vlan <NUMBER> <A.B.C.D>
```

static-tep mac *E.E.E|EE-EE-EE-EE-EE-EE|EE:EE:EE:EE:EE:EE|EEEE.EEEE.EEEE* **vlan** <NUMBER> <A.B.C.D>

Description: Configure a static Tunnel Endpoint behind an EPG with a Static Path Attachment

Syntax:

| | |
|--------------------------|---|
| mac | MAC address |
| <i>E.E.E</i> | MAC address (Option 1) |
| <i>EE-EE-EE-EE-EE-EE</i> | MAC address (Option 2) |
| <i>EE:EE:EE:EE:EE:EE</i> | MAC address (Option 3) |
| <i>EEEE.EEEE.EEEE</i> | MAC address (Option 4) |
| vlan | Encapsulation Vlan |
| <1-4094> | VLAN range. Number range from=1 to=4094 |

| | |
|----------------|------------------------------|
| <i>A.B.C.D</i> | IP address in format i.i.i.i |
|----------------|------------------------------|

Command Mode: interface port-channel : Port Channel interface

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface port-channel <WORD> [fex <fex>]
(config-leaf-if)# static-tep mac E.E.E|EE-EE-EE-EE-EE-EE|EE:EE:EE:EE:EE:EE|EEEE.EEEE.EEEE
vlan <NUMBER> <A.B.C.D>
```

static-tep mac E.E.E|EE-EE-EE-EE-EE-EE|EE:EE:EE:EE:EE:EE|EEEE.EEEE.EEEE vlan <NUMBER> <A.B.C.D>

Description: Configure a static Tunnel Endpoint behind an EPG with a Static Path Attachment

Syntax:

| | |
|--------------------------|---|
| mac | MAC address |
| <i>E.E.E</i> | MAC address (Option 1) |
| <i>EE-EE-EE-EE-EE-EE</i> | MAC address (Option 2) |
| <i>EE:EE:EE:EE:EE:EE</i> | MAC address (Option 3) |
| <i>EEEE.EEEE.EEEE</i> | MAC address (Option 4) |
| vlan | Encapsulation Vlan |
| <i><1-4094></i> | VLAN range. Number range from=1 to=4094 |
| <i>A.B.C.D</i> | IP address in format i.i.i.i |

Command Mode: interface ethernet : Ethernet IEEE 802.3z

Command Path:

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface ethernet <ifRange>
(config-leaf-if)# static-tep mac E.E.E|EE-EE-EE-EE-EE-EE|EE:EE:EE:EE:EE:EE|EEEE.EEEE.EEEE
vlan <NUMBER> <A.B.C.D>
```

static-tep mac E.E.E|EE-EE-EE-EE-EE-EE|EE:EE:EE:EE:EE:EE|EEEE.EEEE.EEEE vlan <NUMBER> <A.B.C.D>

Description: Configure a static Tunnel Endpoint behind an EPG with a Static Path Attachment

Syntax:

| | |
|--------------------------|------------------------|
| mac | MAC address |
| <i>E.E.E</i> | MAC address (Option 1) |
| <i>EE-EE-EE-EE-EE-EE</i> | MAC address (Option 2) |

| | |
|--------------------------|---|
| <i>EE:EE:EE:EE:EE:EE</i> | MAC address (Option 3) |
| <i>EEEE.EEEE.EEEE</i> | MAC address (Option 4) |
| vlan | Encapsulation Vlan |
| <1-4094> | VLAN range. Number range from=1 to=4094 |
| <i>A.B.C.D</i> | IP address in format i.i.i.i |

Command Mode: interface port-channel : Port Channel interface

Command Path:

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface port-channel <WORD> [fex <fex>]
(config-leaf-if)# static-tep mac E.E.E|EE-EE-EE-EE-EE-EE|EE:EE:EE:EE:EE:EE|EEEE.EEEE.EEEE
vlan <NUMBER> <A.B.C.D>
```

static-tep mac E.E.E|EE-EE-EE-EE-EE-EE|EE:EE:EE:EE:EE:EE|EEEE.EEEE.EEEE vlan <NUMBER> <A.B.C.D>

Description: Configure a static Tunnel Endpoint behind a EPG with a Static Path Attachment

Syntax:

| | |
|--------------------------|---|
| mac | MAC address |
| <i>E.E.E</i> | MAC address (Option 1) |
| <i>EE-EE-EE-EE-EE-EE</i> | MAC address (Option 2) |
| <i>EE:EE:EE:EE:EE:EE</i> | MAC address (Option 3) |
| <i>EEEE.EEEE.EEEE</i> | MAC address (Option 4) |
| vlan | Encapsulation Vlan |
| <1-4094> | VLAN range. Number range from=1 to=4094 |
| <i>A.B.C.D</i> | IP address in format i.i.i.i |

Command Mode: interface : Provide VPC Name

Command Path:

```
# configure [['terminal', 't']]
(config)# vpc context leaf <101-4000> <101-4000> [fex <fex>]
(config-vpc)# interface vpc <WORD> [fex <fex>]
(config-vpc-if)# static-tep mac E.E.E|EE-EE-EE-EE-EE-EE|EE:EE:EE:EE:EE:EE|EEEE.EEEE.EEEE
vlan <NUMBER> <A.B.C.D>
```


statistics

statistics enable

Description: Enable/disable stats collection on vCenter

Syntax:

| | |
|--------|--------|
| enable | enable |
|--------|--------|

Command Mode: vcenter : Configure a vCenter in the VMware domain

Command Path:

```
# configure [['terminal', 't']]
(config)# vmware-domain <WORD> [delimiter <WORD>] [access-mode <access-mode>]
(config-vmware)# vcenter <> datacenter <WORD> [dvs-version <>]
(config-vmware-vc)# statistics enable
```

storm-control broadcast level

storm-control broadcast level <0-100> [burst-rate <0-100>]

Description: Configure Storm Control Level (bandwidth percentage) for broadcast

Syntax:

| | |
|---------|--|
| <0-100> | Rate of Bandwidth in Percentage |
| <0-100> | (Optional) Max Rate of Bandwidth in Percentage |

Command Mode: template policy-group : Configure Policy Group Parameters

Command Path:

```
# configure [['terminal', 't']]
(config)# template policy-group <WORD>
(config-pol-grp-if)# storm-control broadcast level <0-100> [burst-rate <0-100>]
```

storm-control broadcast level <0-100> [burst-rate <0-100>]

Description: Configure Storm Control Level (bandwidth percentage) for broadcast

Syntax:

| | |
|---------|--|
| <0-100> | Rate of Bandwidth in Percentage |
| <0-100> | (Optional) Max Rate of Bandwidth in Percentage |

Command Mode: template port-channel : Configure Port-Channel Parameters

Command Path:

```
# configure [['terminal', 't']]
(config)# template port-channel <WORD>
(config-po-ch-if)# storm-control broadcast level <0-100> [burst-rate <0-100>]
```

storm-control broadcast level <0-100> [burst-rate <0-100>]

Description: Configure Storm Control Level (bandwidth percentage) for broadcast

Syntax:

| | |
|---------|--|
| <0-100> | Rate of Bandwidth in Percentage |
| <0-100> | (Optional) Max Rate of Bandwidth in Percentage |

Command Mode: interface ethernet : Ethernet IEEE 802.3z

Command Path:

```
# configure [['terminal', 't']]
```

```
(config)# leaf <101-4000>
(config-leaf)# interface ethernet <ifRange>
(config-leaf-if)# storm-control broadcast level <0-100> [burst-rate <0-100>]
```

storm-control broadcast level <0-100> [burst-rate <0-100>]

Description: Configure Storm Control Level (bandwidth percentage) for broadcast

Syntax:

| | |
|---------|--|
| <0-100> | Rate of Bandwidth in Percentage |
| <0-100> | (Optional) Max Rate of Bandwidth in Percentage |

Command Mode: interface port-channel : Port Channel interface

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface port-channel <WORD> [fex <fex>]
(config-leaf-if)# storm-control broadcast level <0-100> [burst-rate <0-100>]
```

storm-control broadcast level <0-100> [burst-rate <0-100>]

Description: Configure Storm Control Level (bandwidth percentage) for broadcast

Syntax:

| | |
|---------|--|
| <0-100> | Rate of Bandwidth in Percentage |
| <0-100> | (Optional) Max Rate of Bandwidth in Percentage |

Command Mode: interface ethernet : Ethernet IEEE 802.3z

Command Path:

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface ethernet <ifRange>
(config-leaf-if)# storm-control broadcast level <0-100> [burst-rate <0-100>]
```

storm-control broadcast level <0-100> [burst-rate <0-100>]

Description: Configure Storm Control Level (bandwidth percentage) for broadcast

Syntax:

| | |
|---------|--|
| <0-100> | Rate of Bandwidth in Percentage |
| <0-100> | (Optional) Max Rate of Bandwidth in Percentage |

Command Mode: interface port-channel : Port Channel interface

Command Path:

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface port-channel <WORD> [fex <fex>]
(config-leaf-if)# storm-control broadcast level <0-100> [burst-rate <0-100>]
```

storm-control broadcast level <0-100> [burst-rate <0-100>]

Description: Configure Storm Control Level (bandwidth percentage) for broadcast

Syntax:

| | |
|---------|--|
| <0-100> | Rate of Bandwidth in Percentage |
| <0-100> | (Optional) Max Rate of Bandwidth in Percentage |

Command Mode: interface : Provide VPC Name

Command Path:

```
# configure [['terminal', 't']]
(config)# vpc context leaf <101-4000> <101-4000> [fex <fex>]
(config-vpc)# interface vpc <WORD> [fex <fex>]
(config-vpc-if)# storm-control broadcast level <0-100> [burst-rate <0-100>]
```

storm-control broadcast pps

storm-control broadcast pps <arg> burst-rate <arg>

Description: Configure Storm Control in packet per second for broadcast

Syntax:

| | |
|------------|--|
| <i>arg</i> | Burst Rate in packets per second. Number range from=0 to=4882812 |
| burst-rate | Max Burst Rate in packets per second |
| <i>arg</i> | Max Burst Rate in packets per second. Number range from=0 to=4882812 |

Command Mode: template policy-group : Configure Policy Group Parameters

Command Path:

```
# configure [['terminal', 't']]
(config)# template policy-group <WORD>
(config-pol-grp-if)# storm-control broadcast pps <> burst-rate <>
```

storm-control broadcast pps <arg> burst-rate <arg>

Description: Configure Storm Control in packet per second for broadcast

Syntax:

| | |
|------------|--|
| <i>arg</i> | Burst Rate in packets per second. Number range from=0 to=4882812 |
| burst-rate | Max Burst Rate in packets per second |
| <i>arg</i> | Max Burst Rate in packets per second. Number range from=0 to=4882812 |

Command Mode: template port-channel : Configure Port-Channel Parameters

Command Path:

```
# configure [['terminal', 't']]
(config)# template port-channel <WORD>
(config-po-ch-if)# storm-control broadcast pps <> burst-rate <>
```

storm-control broadcast pps <arg> burst-rate <arg>

Description: Configure Storm Control in packet per second for broadcast

Syntax:

| | |
|------------|--|
| <i>arg</i> | Burst Rate in packets per second. Number range from=0 to=4882812 |
| burst-rate | Max Burst Rate in packets per second |

| | |
|------------|--|
| <i>arg</i> | Max Burst Rate in packets per second. Number range from=0 to=4882812 |
|------------|--|

Command Mode: interface ethernet : Ethernet IEEE 802.3z

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface ethernet <ifRange>
(config-leaf-if)# storm-control broadcast pps <> burst-rate <>
```

storm-control broadcast pps <arg> burst-rate <arg>

Description: Configure Storm Control in packet per second for broadcast

Syntax:

| | |
|------------|--|
| <i>arg</i> | Burst Rate in packets per second. Number range from=0 to=4882812 |
| burst-rate | Max Burst Rate in packets per second |
| <i>arg</i> | Max Burst Rate in packets per second. Number range from=0 to=4882812 |

Command Mode: interface port-channel : Port Channel interface

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface port-channel <WORD> [fex <fex>]
(config-leaf-if)# storm-control broadcast pps <> burst-rate <>
```

storm-control broadcast pps <arg> burst-rate <arg>

Description: Configure Storm Control in packet per second for broadcast

Syntax:

| | |
|------------|--|
| <i>arg</i> | Burst Rate in packets per second. Number range from=0 to=4882812 |
| burst-rate | Max Burst Rate in packets per second |
| <i>arg</i> | Max Burst Rate in packets per second. Number range from=0 to=4882812 |

Command Mode: interface ethernet : Ethernet IEEE 802.3z

Command Path:

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface ethernet <ifRange>
```

```
(config-leaf-if)# storm-control broadcast pps <> burst-rate <>
```

storm-control broadcast pps <arg> burst-rate <arg>

Description: Configure Storm Control in packet per second for broadcast

Syntax:

| | |
|------------|--|
| <i>arg</i> | Burst Rate in packets per second. Number range from=0 to=4882812 |
| burst-rate | Max Burst Rate in packets per second |
| <i>arg</i> | Max Burst Rate in packets per second. Number range from=0 to=4882812 |

Command Mode: interface port-channel : Port Channel interface

Command Path:

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface port-channel <WORD> [fex <fex>]
(config-leaf-if)# storm-control broadcast pps <> burst-rate <>
```

storm-control broadcast pps <arg> burst-rate <arg>

Description: Configure Storm Control in packet per second for broadcast

Syntax:

| | |
|------------|--|
| <i>arg</i> | Burst Rate in packets per second. Number range from=0 to=4882812 |
| burst-rate | Max Burst Rate in packets per second |
| <i>arg</i> | Max Burst Rate in packets per second. Number range from=0 to=4882812 |

Command Mode: interface : Provide VPC Name

Command Path:

```
# configure [['terminal', 't']]
(config)# vpc context leaf <101-4000> <101-4000> [fex <fex>]
(config-vpc)# interface vpc <WORD> [fex <fex>]
(config-vpc-if)# storm-control broadcast pps <> burst-rate <>
```

storm-control level

storm-control level <0-100> [burst-rate <0-100>]

Description: Configure Storm Control Level (bandwidth percentage) for all packet types

Syntax:

| | |
|---------|--|
| <0-100> | Rate of Bandwidth in Percentage |
| <0-100> | (Optional) Max Rate of Bandwidth in Percentage |

Command Mode: template policy-group : Configure Policy Group Parameters

Command Path:

```
# configure [['terminal', 't']]
(config)# template policy-group <WORD>
(config-pol-grp-if)# storm-control level <0-100> [burst-rate <0-100>]
```

storm-control level <0-100> [burst-rate <0-100>]

Description: Configure Storm Control Level (bandwidth percentage) for all packet types

Syntax:

| | |
|---------|--|
| <0-100> | Rate of Bandwidth in Percentage |
| <0-100> | (Optional) Max Rate of Bandwidth in Percentage |

Command Mode: template port-channel : Configure Port-Channel Parameters

Command Path:

```
# configure [['terminal', 't']]
(config)# template port-channel <WORD>
(config-po-ch-if)# storm-control level <0-100> [burst-rate <0-100>]
```

storm-control level <0-100> [burst-rate <0-100>]

Description: Configure Storm Control Level (bandwidth percentage) for all packet types

Syntax:

| | |
|---------|--|
| <0-100> | Rate of Bandwidth in Percentage |
| <0-100> | (Optional) Max Rate of Bandwidth in Percentage |

Command Mode: interface ethernet : Ethernet IEEE 802.3z

Command Path:

```
# configure [['terminal', 't']]
```



```
(config)# leaf <101-4000>
(config-leaf)# interface ethernet <ifRange>
(config-leaf-if)# storm-control level <0-100> [burst-rate <0-100>]
```

storm-control level <0-100> [burst-rate <0-100>]

Description: Configure Storm Control Level (bandwidth percentage) for all packet types

Syntax:

| | |
|---------|--|
| <0-100> | Rate of Bandwidth in Percentage |
| <0-100> | (Optional) Max Rate of Bandwidth in Percentage |

Command Mode: interface port-channel : Port Channel interface

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface port-channel <WORD> [fex <fex>]
(config-leaf-if)# storm-control level <0-100> [burst-rate <0-100>]
```

storm-control level <0-100> [burst-rate <0-100>]

Description: Configure Storm Control Level (bandwidth percentage) for all packet types

Syntax:

| | |
|---------|--|
| <0-100> | Rate of Bandwidth in Percentage |
| <0-100> | (Optional) Max Rate of Bandwidth in Percentage |

Command Mode: interface ethernet : Ethernet IEEE 802.3z

Command Path:

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface ethernet <ifRange>
(config-leaf-if)# storm-control level <0-100> [burst-rate <0-100>]
```

storm-control level <0-100> [burst-rate <0-100>]

Description: Configure Storm Control Level (bandwidth percentage) for all packet types

Syntax:

| | |
|---------|--|
| <0-100> | Rate of Bandwidth in Percentage |
| <0-100> | (Optional) Max Rate of Bandwidth in Percentage |

Command Mode: interface port-channel : Port Channel interface

Command Path:

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface port-channel <WORD> [fex <fex>]
(config-leaf-if)# storm-control level <0-100> [burst-rate <0-100>]
```

storm-control level <0-100> [burst-rate <0-100>]

Description: Configure Storm Control Level (bandwidth percentage) for all packet types

Syntax:

| | |
|---------|--|
| <0-100> | Rate of Bandwidth in Percentage |
| <0-100> | (Optional) Max Rate of Bandwidth in Percentage |

Command Mode: interface : Provide VPC Name

Command Path:

```
# configure [['terminal', 't']]
(config)# vpc context leaf <101-4000> <101-4000> [fex <fex>]
(config-vpc)# interface vpc <WORD> [fex <fex>]
(config-vpc-if)# storm-control level <0-100> [burst-rate <0-100>]
```

storm-control multicast level

storm-control multicast level <0-100> [burst-rate <0-100>]

Description: Configure Storm Control Level (bandwidth percentage) for multicast

Syntax:

| | |
|---------|--|
| <0-100> | Rate of Bandwidth in Percentage |
| <0-100> | (Optional) Max Rate of Bandwidth in Percentage |

Command Mode: template policy-group : Configure Policy Group Parameters

Command Path:

```
# configure [['terminal', 't']]
(config)# template policy-group <WORD>
(config-pol-grp-if)# storm-control multicast level <0-100> [burst-rate <0-100>]
```

storm-control multicast level <0-100> [burst-rate <0-100>]

Description: Configure Storm Control Level (bandwidth percentage) for multicast

Syntax:

| | |
|---------|--|
| <0-100> | Rate of Bandwidth in Percentage |
| <0-100> | (Optional) Max Rate of Bandwidth in Percentage |

Command Mode: template port-channel : Configure Port-Channel Parameters

Command Path:

```
# configure [['terminal', 't']]
(config)# template port-channel <WORD>
(config-po-ch-if)# storm-control multicast level <0-100> [burst-rate <0-100>]
```

storm-control multicast level <0-100> [burst-rate <0-100>]

Description: Configure Storm Control Level (bandwidth percentage) for multicast

Syntax:

| | |
|---------|--|
| <0-100> | Rate of Bandwidth in Percentage |
| <0-100> | (Optional) Max Rate of Bandwidth in Percentage |

Command Mode: interface ethernet : Ethernet IEEE 802.3z

Command Path:

```
# configure [['terminal', 't']]
```

```
(config)# leaf <101-4000>
(config-leaf)# interface ethernet <ifRange>
(config-leaf-if)# storm-control multicast level <0-100> [burst-rate <0-100>]
```

storm-control multicast level <0-100> [burst-rate <0-100>]**Description:** Configure Storm Control Level (bandwidth percentage) for multicast**Syntax:**

| | |
|---------|--|
| <0-100> | Rate of Bandwidth in Percentage |
| <0-100> | (Optional) Max Rate of Bandwidth in Percentage |

Command Mode: interface port-channel : Port Channel interface**Command Path:**

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface port-channel <WORD> [fex <fex>]
(config-leaf-if)# storm-control multicast level <0-100> [burst-rate <0-100>]
```

storm-control multicast level <0-100> [burst-rate <0-100>]**Description:** Configure Storm Control Level (bandwidth percentage) for multicast**Syntax:**

| | |
|---------|--|
| <0-100> | Rate of Bandwidth in Percentage |
| <0-100> | (Optional) Max Rate of Bandwidth in Percentage |

Command Mode: interface ethernet : Ethernet IEEE 802.3z**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface ethernet <ifRange>
(config-leaf-if)# storm-control multicast level <0-100> [burst-rate <0-100>]
```

storm-control multicast level <0-100> [burst-rate <0-100>]**Description:** Configure Storm Control Level (bandwidth percentage) for multicast**Syntax:**

| | |
|---------|--|
| <0-100> | Rate of Bandwidth in Percentage |
| <0-100> | (Optional) Max Rate of Bandwidth in Percentage |

Command Mode: interface port-channel : Port Channel interface**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface port-channel <WORD> [fex <fex>]
(config-leaf-if)# storm-control multicast level <0-100> [burst-rate <0-100>]
```

storm-control multicast level <0-100> [burst-rate <0-100>]

Description: Configure Storm Control Level (bandwidth percentage) for multicast

Syntax:

| | |
|---------|--|
| <0-100> | Rate of Bandwidth in Percentage |
| <0-100> | (Optional) Max Rate of Bandwidth in Percentage |

Command Mode: interface : Provide VPC Name

Command Path:

```
# configure [['terminal', 't']]
(config)# vpc context leaf <101-4000> <101-4000> [fex <fex>]
(config-vpc)# interface vpc <WORD> [fex <fex>]
(config-vpc-if)# storm-control multicast level <0-100> [burst-rate <0-100>]
```

storm-control multicast pps

storm-control multicast pps <arg> burst-rate <arg>

Description: Configure Storm Control in packet per second for multicast

Syntax:

| | |
|------------|--|
| <i>arg</i> | Burst Rate in packets per second. Number range from=0 to=4882812 |
| burst-rate | Max Burst Rate in packets per second |
| <i>arg</i> | Max Burst Rate in packets per second. Number range from=0 to=4882812 |

Command Mode: template policy-group : Configure Policy Group Parameters

Command Path:

```
# configure [['terminal', 't']]
(config)# template policy-group <WORD>
(config-pol-grp-if)# storm-control multicast pps <> burst-rate <>
```

storm-control multicast pps <arg> burst-rate <arg>

Description: Configure Storm Control in packet per second for multicast

Syntax:

| | |
|------------|--|
| <i>arg</i> | Burst Rate in packets per second. Number range from=0 to=4882812 |
| burst-rate | Max Burst Rate in packets per second |
| <i>arg</i> | Max Burst Rate in packets per second. Number range from=0 to=4882812 |

Command Mode: template port-channel : Configure Port-Channel Parameters

Command Path:

```
# configure [['terminal', 't']]
(config)# template port-channel <WORD>
(config-po-ch-if)# storm-control multicast pps <> burst-rate <>
```

storm-control multicast pps <arg> burst-rate <arg>

Description: Configure Storm Control in packet per second for multicast

Syntax:

| | |
|------------|--|
| <i>arg</i> | Burst Rate in packets per second. Number range from=0 to=4882812 |
| burst-rate | Max Burst Rate in packets per second |

| | |
|------------|--|
| <i>arg</i> | Max Burst Rate in packets per second. Number range from=0 to=4882812 |
|------------|--|

Command Mode: interface ethernet : Ethernet IEEE 802.3z

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface ethernet <ifRange>
(config-leaf-if)# storm-control multicast pps <> burst-rate <>
```

storm-control multicast pps <arg> burst-rate <arg>

Description: Configure Storm Control in packet per second for multicast

Syntax:

| | |
|------------|--|
| <i>arg</i> | Burst Rate in packets per second. Number range from=0 to=4882812 |
| burst-rate | Max Burst Rate in packets per second |
| <i>arg</i> | Max Burst Rate in packets per second. Number range from=0 to=4882812 |

Command Mode: interface port-channel : Port Channel interface

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface port-channel <WORD> [fex <fex>]
(config-leaf-if)# storm-control multicast pps <> burst-rate <>
```

storm-control multicast pps <arg> burst-rate <arg>

Description: Configure Storm Control in packet per second for multicast

Syntax:

| | |
|------------|--|
| <i>arg</i> | Burst Rate in packets per second. Number range from=0 to=4882812 |
| burst-rate | Max Burst Rate in packets per second |
| <i>arg</i> | Max Burst Rate in packets per second. Number range from=0 to=4882812 |

Command Mode: interface ethernet : Ethernet IEEE 802.3z

Command Path:

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface ethernet <ifRange>
```

```
(config-leaf-if)# storm-control multicast pps <> burst-rate <>
```

storm-control multicast pps <arg> burst-rate <arg>

Description: Configure Storm Control in packet per second for multicast

Syntax:

| | |
|------------|--|
| <i>arg</i> | Burst Rate in packets per second. Number range from=0 to=4882812 |
| burst-rate | Max Burst Rate in packets per second |
| <i>arg</i> | Max Burst Rate in packets per second. Number range from=0 to=4882812 |

Command Mode: interface port-channel : Port Channel interface

Command Path:

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface port-channel <WORD> [fex <fex>]
(config-leaf-if)# storm-control multicast pps <> burst-rate <>
```

storm-control multicast pps <arg> burst-rate <arg>

Description: Configure Storm Control in packet per second for multicast

Syntax:

| | |
|------------|--|
| <i>arg</i> | Burst Rate in packets per second. Number range from=0 to=4882812 |
| burst-rate | Max Burst Rate in packets per second |
| <i>arg</i> | Max Burst Rate in packets per second. Number range from=0 to=4882812 |

Command Mode: interface : Provide VPC Name

Command Path:

```
# configure [['terminal', 't']]
(config)# vpc context leaf <101-4000> <101-4000> [fex <fex>]
(config-vpc)# interface vpc <WORD> [fex <fex>]
(config-vpc-if)# storm-control multicast pps <> burst-rate <>
```


storm-control pps

storm-control pps <arg> burst-rate <arg>

Description: Configure Storm Control in packet per second for all packet types

Syntax:

| | |
|------------|--|
| <i>arg</i> | Burst Rate in packets per second. Number range from=0 to=4882812 |
| burst-rate | Max Burst Rate in packets per second |
| <i>arg</i> | Max Burst Rate in packets per second. Number range from=0 to=4882812 |

Command Mode: template policy-group : Configure Policy Group Parameters

Command Path:

```
# configure [['terminal', 't']]
(config)# template policy-group <WORD>
(config-pol-grp-if)# storm-control pps <> burst-rate <>
```

storm-control pps <arg> burst-rate <arg>

Description: Configure Storm Control in packet per second for all packet type

Syntax:

| | |
|------------|--|
| <i>arg</i> | Burst Rate in packets per second. Number range from=0 to=4882812 |
| burst-rate | Max Burst Rate in packets per second |
| <i>arg</i> | Max Burst Rate in packets per second. Number range from=0 to=4882812 |

Command Mode: template port-channel : Configure Port-Channel Parameters

Command Path:

```
# configure [['terminal', 't']]
(config)# template port-channel <WORD>
(config-po-ch-if)# storm-control pps <> burst-rate <>
```

storm-control pps <arg> burst-rate <arg>

Description: Configure Storm Control in packet per second for all packet types

Syntax:

| | |
|------------|--|
| <i>arg</i> | Burst Rate in packets per second. Number range from=0 to=4882812 |
| burst-rate | Max Burst Rate in packets per second |

| | |
|------------|--|
| <i>arg</i> | Max Burst Rate in packets per second. Number range from=0 to=4882812 |
|------------|--|

Command Mode: interface ethernet : Ethernet IEEE 802.3z

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface ethernet <ifRange>
(config-leaf-if)# storm-control pps <> burst-rate <>
```

storm-control pps <arg> burst-rate <arg>

Description: Configure Storm Control in packet per second for all packet types

Syntax:

| | |
|------------|--|
| <i>arg</i> | Burst Rate in packets per second. Number range from=0 to=4882812 |
| burst-rate | Max Burst Rate in packets per second |
| <i>arg</i> | Max Burst Rate in packets per second. Number range from=0 to=4882812 |

Command Mode: interface port-channel : Port Channel interface

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface port-channel <WORD> [fex <fex>]
(config-leaf-if)# storm-control pps <> burst-rate <>
```

storm-control pps <arg> burst-rate <arg>

Description: Configure Storm Control in packet per second for all packet types

Syntax:

| | |
|------------|--|
| <i>arg</i> | Burst Rate in packets per second. Number range from=0 to=4882812 |
| burst-rate | Max Burst Rate in packets per second |
| <i>arg</i> | Max Burst Rate in packets per second. Number range from=0 to=4882812 |

Command Mode: interface ethernet : Ethernet IEEE 802.3z

Command Path:

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface ethernet <ifRange>
```

```
(config-leaf-if)# storm-control pps <> burst-rate <>
```

storm-control pps <arg> burst-rate <arg>

Description: Configure Storm Control in packet per second for all packet types

Syntax:

| | |
|------------|--|
| <i>arg</i> | Burst Rate in packets per second. Number range from=0 to=4882812 |
| burst-rate | Max Burst Rate in packets per second |
| <i>arg</i> | Max Burst Rate in packets per second. Number range from=0 to=4882812 |

Command Mode: interface port-channel : Port Channel interface

Command Path:

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface port-channel <WORD> [fex <fex>]
(config-leaf-if)# storm-control pps <> burst-rate <>
```

storm-control pps <arg> burst-rate <arg>

Description: Configure Storm Control in packet per second for all packets type

Syntax:

| | |
|------------|--|
| <i>arg</i> | Rate in packets per second. Number range from=0 to=4882812 |
| burst-rate | Max Burst Rate in packets per second |
| <i>arg</i> | Max Burst Rate in packets per second. Number range from=0 to=4882812 |

Command Mode: interface : Provide VPC Name

Command Path:

```
# configure [['terminal', 't']]
(config)# vpc context leaf <101-4000> <101-4000> [fex <fex>]
(config-vpc)# interface vpc <WORD> [fex <fex>]
(config-vpc-if)# storm-control pps <> burst-rate <>
```

storm-control unicast level

storm-control unicast level <0-100> [burst-rate <0-100>]

Description: Configure Storm Control Level (bandwidth percentage) for unicast

Syntax:

| | |
|---------|--|
| <0-100> | Rate of Bandwidth in Percentage |
| <0-100> | (Optional) Max Rate of Bandwidth in Percentage |

Command Mode: template policy-group : Configure Policy Group Parameters

Command Path:

```
# configure [['terminal', 't']]
(config)# template policy-group <WORD>
(config-pol-grp-if)# storm-control unicast level <0-100> [burst-rate <0-100>]
```

storm-control unicast level <0-100> [burst-rate <0-100>]

Description: Configure Storm Control Level (bandwidth percentage) for unicast

Syntax:

| | |
|---------|--|
| <0-100> | Rate of Bandwidth in Percentage |
| <0-100> | (Optional) Max Rate of Bandwidth in Percentage |

Command Mode: template port-channel : Configure Port-Channel Parameters

Command Path:

```
# configure [['terminal', 't']]
(config)# template port-channel <WORD>
(config-po-ch-if)# storm-control unicast level <0-100> [burst-rate <0-100>]
```

storm-control unicast level <0-100> [burst-rate <0-100>]

Description: Configure Storm Control Level (bandwidth percentage) for unicast

Syntax:

| | |
|---------|--|
| <0-100> | Rate of Bandwidth in Percentage |
| <0-100> | (Optional) Max Rate of Bandwidth in Percentage |

Command Mode: interface ethernet : Ethernet IEEE 802.3z

Command Path:

```
# configure [['terminal', 't']]
```

```
(config)# leaf <101-4000>
(config-leaf)# interface ethernet <ifRange>
(config-leaf-if)# storm-control unicast level <0-100> [burst-rate <0-100>]
```

storm-control unicast level <0-100> [burst-rate <0-100>]

Description: Configure Storm Control Level (bandwidth percentage) for unicast

Syntax:

| | |
|---------|--|
| <0-100> | Rate of Bandwidth in Percentage |
| <0-100> | (Optional) Max Rate of Bandwidth in Percentage |

Command Mode: interface port-channel : Port Channel interface

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface port-channel <WORD> [fex <fex>]
(config-leaf-if)# storm-control unicast level <0-100> [burst-rate <0-100>]
```

storm-control unicast level <0-100> [burst-rate <0-100>]

Description: Configure Storm Control Level (bandwidth percentage) for unicast

Syntax:

| | |
|---------|--|
| <0-100> | Rate of Bandwidth in Percentage |
| <0-100> | (Optional) Max Rate of Bandwidth in Percentage |

Command Mode: interface ethernet : Ethernet IEEE 802.3z

Command Path:

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface ethernet <ifRange>
(config-leaf-if)# storm-control unicast level <0-100> [burst-rate <0-100>]
```

storm-control unicast level <0-100> [burst-rate <0-100>]

Description: Configure Storm Control Level (bandwidth percentage) for unicast

Syntax:

| | |
|---------|--|
| <0-100> | Rate of Bandwidth in Percentage |
| <0-100> | (Optional) Max Rate of Bandwidth in Percentage |

Command Mode: interface port-channel : Port Channel interface

Command Path:

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface port-channel <WORD> [fex <fex>]
(config-leaf-if)# storm-control unicast level <0-100> [burst-rate <0-100>]
```

storm-control unicast level <0-100> [burst-rate <0-100>]

Description: Configure Storm Control Level (bandwidth percentage) for unicast

Syntax:

| | |
|---------|--|
| <0-100> | Rate of Bandwidth in Percentage |
| <0-100> | (Optional) Max Rate of Bandwidth in Percentage |

Command Mode: interface : Provide VPC Name

Command Path:

```
# configure [['terminal', 't']]
(config)# vpc context leaf <101-4000> <101-4000> [fex <fex>]
(config-vpc)# interface vpc <WORD> [fex <fex>]
(config-vpc-if)# storm-control unicast level <0-100> [burst-rate <0-100>]
```

storm-control unicast pps

storm-control unicast pps <arg> burst-rate <arg>

Description: Configure Storm Control in packet per second for unicast

Syntax:

| | |
|------------|--|
| <i>arg</i> | Burst Rate in packets per second. Number range from=0 to=4882812 |
| burst-rate | Max Burst Rate in packets per second |
| <i>arg</i> | Max Burst Rate in packets per second. Number range from=0 to=4882812 |

Command Mode: template policy-group : Configure Policy Group Parameters

Command Path:

```
# configure [['terminal', 't']]
(config)# template policy-group <WORD>
(config-pol-grp-if)# storm-control unicast pps <> burst-rate <>
```

storm-control unicast pps <arg> burst-rate <arg>

Description: Configure Storm Control in packet per second for unicast

Syntax:

| | |
|------------|--|
| <i>arg</i> | Burst Rate in packets per second. Number range from=0 to=4882812 |
| burst-rate | Max Burst Rate in packets per second |
| <i>arg</i> | Max Burst Rate in packets per second. Number range from=0 to=4882812 |

Command Mode: template port-channel : Configure Port-Channel Parameters

Command Path:

```
# configure [['terminal', 't']]
(config)# template port-channel <WORD>
(config-po-ch-if)# storm-control unicast pps <> burst-rate <>
```

storm-control unicast pps <arg> burst-rate <arg>

Description: Configure Storm Control in packet per second for unicast

Syntax:

| | |
|------------|--|
| <i>arg</i> | Burst Rate in packets per second. Number range from=0 to=4882812 |
| burst-rate | Max Burst Rate in packets per second |

| | |
|------------|--|
| <i>arg</i> | Max Burst Rate in packets per second. Number range from=0 to=4882812 |
|------------|--|

Command Mode: interface ethernet : Ethernet IEEE 802.3z

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface ethernet <ifRange>
(config-leaf-if)# storm-control unicast pps <> burst-rate <>
```

storm-control unicast pps <arg> burst-rate <arg>

Description: Configure Storm Control in packet per second for unicast

Syntax:

| | |
|------------|--|
| <i>arg</i> | Burst Rate in packets per second. Number range from=0 to=4882812 |
| burst-rate | Max Burst Rate in packets per second |
| <i>arg</i> | Max Burst Rate in packets per second. Number range from=0 to=4882812 |

Command Mode: interface port-channel : Port Channel interface

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface port-channel <WORD> [fex <fex>]
(config-leaf-if)# storm-control unicast pps <> burst-rate <>
```

storm-control unicast pps <arg> burst-rate <arg>

Description: Configure Storm Control in packet per second for unicast

Syntax:

| | |
|------------|--|
| <i>arg</i> | Burst Rate in packets per second. Number range from=0 to=4882812 |
| burst-rate | Max Burst Rate in packets per second |
| <i>arg</i> | Max Burst Rate in packets per second. Number range from=0 to=4882812 |

Command Mode: interface ethernet : Ethernet IEEE 802.3z

Command Path:

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface ethernet <ifRange>
```



```
(config-leaf-if)# storm-control unicast pps <> burst-rate <>
```

storm-control unicast pps <arg> burst-rate <arg>

Description: Configure Storm Control in packet per second for unicast

Syntax:

| | |
|------------|--|
| <i>arg</i> | Burst Rate in packets per second. Number range from=0 to=4882812 |
| burst-rate | Max Burst Rate in packets per second |
| <i>arg</i> | Max Burst Rate in packets per second. Number range from=0 to=4882812 |

Command Mode: interface port-channel : Port Channel interface

Command Path:

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface port-channel <WORD> [fex <fex>]
(config-leaf-if)# storm-control unicast pps <> burst-rate <>
```

storm-control unicast pps <arg> burst-rate <arg>

Description: Configure Storm Control in packet per second for unicast

Syntax:

| | |
|------------|--|
| <i>arg</i> | Burst Rate in packets per second. Number range from=0 to=4882812 |
| burst-rate | Max Burst Rate in packets per second |
| <i>arg</i> | Max Burst Rate in packets per second. Number range from=0 to=4882812 |

Command Mode: interface : Provide VPC Name

Command Path:

```
# configure [['terminal', 't']]
(config)# vpc context leaf <101-4000> <101-4000> [fex <fex>]
(config-vpc)# interface vpc <WORD> [fex <fex>]
(config-vpc-if)# storm-control unicast pps <> burst-rate <>
```

street-address

street-address <WORD>

Description: Street address of the site

Syntax:

| | |
|-------------|--|
| <i>WORD</i> | The street address (Max Size 255) surrounded by quotes |
|-------------|--|

Command Mode: destination-profile : Configure destination profile Parameters

Command Path:

```
# configure [['terminal', 't']]
(config)# callhome common
(config-callhome)# destination-profile
(config-callhome-destnprof)# street-address <WORD>
```

street-address <WORD>

Description: Street address of the site

Syntax:

| | |
|-------------|--|
| <i>WORD</i> | The street address (Max Size 255) surrounded by quotes |
|-------------|--|

Command Mode: destination-profile : Configure destination profile Parameters

Command Path:

```
# configure [['terminal', 't']]
(config)# smartcallhome common
(config-smartcallhome)# destination-profile
(config-callhome-destnprof)# street-address <WORD>
```

subject

subject <WORD>

Description: Set The fully qualified domain name or DN of the requesting device.

Syntax:

| | |
|--------|------------------------------------|
| <WORD> | FQDN or DN of device (Max Size 64) |
|--------|------------------------------------|

Command Mode: csr : A csr mode to create and hold an SSL certificate

Command Path:

```
# configure [['terminal', 't']]
(config)# crypto keyring <WORD>
(config-keyring)# csr
(config-csr)# subject <WORD>
```

subject <WORD>

Description: Configuration a subject on the contract

Syntax:

| | |
|------|--|
| WORD | Name of the contract subject (Max Size 64) |
|------|--|

Command Mode: contract : Configure binary contracts between Application EPGs

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# contract <WORD> [type <type>]
(config-tenant-contract)# subject <WORD>
```

subnet-ip

subnet-ip <WORD> [subnet-ctrl <ctrl>]

Description: Configure Subnet IP for a L4-17 Graph Connector.

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Enter Subnet IP address (Max Size None) |
| <i>ctrl</i> | (Optional) Configure Subnet Control field for corresponding subnet-id |

Command Mode: connector : Configure Connector for a Service Node

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# 1417 graph <WORD> [contract <contract-option>]
(config-graph)# service <WORD> [device-cluster-tenant <WORD>] [device-cluster <WORD>] [mode
<Available Modes>] [svcredir <Service Redirection>] [service-type <Service Type>]
(config-service)# connector <WORD> [cluster-interface <WORD>]
(config-connector)# subnet-ip <WORD> [subnet-ctrl <ctrl>]
```

subnet

subnet <WORD>

Description: Configure Private IP Subnet

Syntax:

| | |
|-------------|------|
| <i>WORD</i> | WORD |
|-------------|------|

Command Mode: l4l7 resource-pool : Configure L4-L7 Service Resource Pool

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# l4l7 resource-pool <WORD>
(config-resource-pool)# subnet <WORD>
```

summary-address

summary-address <IP-PREFIX/LEN>

Description: Route summarization

Syntax:

| | |
|----------------------|---------------|
| <i>IP-PREFIX/LEN</i> | Summarized ip |
|----------------------|---------------|

Command Mode: vrf : Associate Router OSPF Policy with Tenant/VRF

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# router ospf default|multipod-internal
(config-leaf-ospf)# vrf member tenant <WORD> vrf <WORD>
(config-leaf-ospf-vrf)# summary-address <IP-PREFIX/LEN>
```

summary-address <IP-PREFIX/LEN>

Description: Route summarization

Syntax:

| | |
|----------------------|---------------|
| <i>IP-PREFIX/LEN</i> | Summarized ip |
|----------------------|---------------|

Command Mode: vrf : Associate Router OSPF Policy with Tenant/VRF

Command Path:

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# router ospf default|multipod-internal
(config-leaf-ospf)# vrf member tenant <WORD> vrf <WORD>
(config-leaf-ospf-vrf)# summary-address <IP-PREFIX/LEN>
```

svcredir-pol

svcredir-pol tenant <tenant> name <WORD>

Description: Configure Service Redirection Policy for a L4-L7 Graph Connector.

Syntax:

| | |
|----------|---|
| tenant | Tenant in which the service redirection policy is available |
| <tenant> | Tenant in which the service redirection policy is available |
| name | Service redirection policy name |
| WORD | Service redirection policy name (Max Size 64) |

Command Mode: connector : Configure Connector for a Service Node

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# 1417 graph <WORD> [contract <contract-option>]
(config-graph)# service <WORD> [device-cluster-tenant <WORD>] [device-cluster <WORD>] [mode
<Available Modes>] [svcredir <Service Redirection>] [service-type <Service Type>]
(config-service)# connector <WORD> [cluster-interface <WORD>]
(config-connector)# svcredir-pol tenant <tenant> name <WORD>
```

svcredir-pol <WORD>

Description: Configure L4L7 service redirection policy

Syntax:

| | |
|------|---|
| WORD | service redirection policy name (Max Size 64) |
|------|---|

Command Mode: tenant : Tenant configuration mode

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# svcredir-pol <WORD>
```

switch-group

switch-group <WORD>

Description: Create switch firmware upgrade policy

Syntax:

| | |
|-------------|---------------------------------|
| <i>WORD</i> | switch-group name (Max Size 64) |
|-------------|---------------------------------|

Command Mode: firmware : Firmware upgrade configuration Mode

Command Path:

```
# configure [['terminal', 't']]
(config)# firmware
(config-firmware)# switch-group <WORD>
```


switch

switch

Description: Add switches to switch group

Syntax:

| | |
|------------|--|
| <i>arg</i> | |
|------------|--|

Command Mode: switch-group : Create switch firmware upgrade policy

Command Path:

```
# configure [['terminal', 't']]
(config)# firmware
(config-firmware)# switch-group <WORD>
(config-firmware-switch)# switch
```

switch

Description: Configure Leaf Node

Syntax:

| | |
|------------|--|
| <i>arg</i> | |
|------------|--|

Command Mode: configure : Configuration Mode

Command Path:

```
# configure [['terminal', 't']]
(config)# switch
```

switch

Description: Add switches to zone

Syntax:

| | |
|------------|--|
| <i>arg</i> | |
|------------|--|

Command Mode: zone : Create zone policy

Command Path:

```
# configure [['terminal', 't']]
(config)# zones
(config-zones)# zone <WORD>
(config-zone)# switch
```

switching-mode

switching-mode native|AVE

Description: Configure Switching Mode

Syntax:

| | |
|--------|-----------------------|
| native | Switching Mode Native |
| AVE | Switching Mode AVE |

Command Mode: vmware-domain : Associate EPG to a VMWare Domain

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# application <WORD>
(config-tenant-app)# epg <WORD> [type <WORD>]
(config-tenant-app-epg)# vmware-domain member <WORD> [encap <WORD>] [primary-encap <WORD>]
[allow-micro-segmentation] [deploy <WORD>] [push <WORD>] [delimiter <WORD>]
(config-tenant-app-epg-domain)# switching-mode native|AVE
```

switching

switching mode vlan|vxlan|vxlan-ns

Description: Configure switching mode.

Syntax:

| | |
|----------|----------------|
| mode | switching Mode |
| vlan | VLAN/SW Mode |
| vxlan | VXLAN/SW Mode |
| vxlan-ns | VXLAN/HW Mode |

Command Mode: configure-avs : Configure a VMWare Domain as AVS (N1K) type

Command Path:

```
# configure [['terminal', 't']]
(config)# vmware-domain <WORD> [delimiter <WORD>] [access-mode <access-mode>]
(config-vmware)# configure-avs
(config-vmware-avs)# switching mode vlan|vxlan|vxlan-ns
```

switching mode vlan|vxlan|vxlan-ns

Description: Configure switching mode.

Syntax:

| | |
|----------|----------------|
| mode | switching Mode |
| vlan | VLAN/SW Mode |
| vxlan | VXLAN/SW Mode |
| vxlan-ns | VXLAN/HW Mode |

Command Mode: configure-ave : Configure a Cisco AVE domain

Command Path:

```
# configure [['terminal', 't']]
(config)# vmware-domain <WORD> [delimiter <WORD>] [access-mode <access-mode>]
(config-vmware)# configure-ave
(config-vmware-ave)# switching mode vlan|vxlan|vxlan-ns
```

switchport

switchport

Description: Configure switchport parameters

Command Mode: interface ethernet : Ethernet IEEE 802.3z

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface ethernet <ifRange>
(config-leaf-if)# switchport
```

switchport

Description: Configure switchport parameters

Command Mode: interface port-channel : Port Channel interface

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface port-channel <WORD> [fex <fex>]
(config-leaf-if)# switchport
```

switchport

Description: Configure switchport parameters

Command Mode: interface ethernet : Ethernet IEEE 802.3z

Command Path:

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface ethernet <ifRange>
(config-leaf-if)# switchport
```

switchport

Description: Configure switchport parameters

Command Mode: interface port-channel : Port Channel interface

Command Path:

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface port-channel <WORD> [fex <fex>]
(config-leaf-if)# switchport
```

switchport

Description: Configure switchport parameters

Command Mode: interface : Provide VPC Name

Command Path:

```
# configure [['terminal', 't']]
(config)# vpc context leaf <101-4000> <101-4000> [fex <fex>]
(config-vpc)# interface vpc <WORD> [fex <fex>]
(config-vpc-if)# switchport
```

switchport access vlan tenant application

switchport access vlan <NUMBER> tenant <WORD> application <WORD> epg <WORD>

Description: Application Name

Syntax:

| | |
|----------|--|
| vlan | Encapsulation Vlan |
| <1-4094> | Encapsulation Vlan. Number range from=1 to=4094 |
| WORD | Tenant hosting the EPg (Max Size 63) |
| WORD | Application Name (Max Size 64) |
| epg | EPg that uses the statically enabled Encap |
| WORD | EPg that uses the statically enabled Encap (Max Size 64) |

Command Mode: template policy-group : Configure Policy Group Parameters

Command Path:

```
# configure [['terminal', 't']]
(config)# template policy-group <WORD>
(config-pol-grp-if)# switchport access vlan <NUMBER> tenant <WORD> application <WORD> epg
<WORD>
```

switchport access vlan <NUMBER> tenant <WORD> application <WORD> epg <WORD>

Description: Application Name

Syntax:

| | |
|----------|--|
| vlan | Encapsulation Vlan |
| <1-4094> | Encapsulation Vlan. Number range from=1 to=4094 |
| WORD | Tenant hosting the EPg (Max Size 63) |
| WORD | Application Name (Max Size 64) |
| epg | EPg that uses the statically enabled Encap |
| WORD | EPg that uses the statically enabled Encap (Max Size 64) |

Command Mode: template port-channel : Configure Port-Channel Parameters

Command Path:

```
# configure [['terminal', 't']]
(config)# template port-channel <WORD>
(config-po-ch-if)# switchport access vlan <NUMBER> tenant <WORD> application <WORD> epg
```

<WORD>

switchport access vlan <NUMBER> tenant <WORD> application <WORD> epg <WORD>**Description:** Application Name**Syntax:**

| | |
|----------|--|
| vlan | Access Vlan |
| <1-4094> | Access Vlan. Number range from=1 to=4094 |
| tenant | Tenant hosting the AEPg |
| WORD | Tenant hosting the AEPg (Max Size 63) |
| WORD | Application Name (Max Size 64) |
| epg | EPg that uses the statically enabled Encap |
| WORD | EPg that uses the statically enabled Encap (Max Size 64) |

Command Mode: interface ethernet : Ethernet IEEE 802.3z**Command Path:**

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface ethernet <ifRange>
(config-leaf-if)# switchport access vlan <NUMBER> tenant <WORD> application <WORD> epg
<WORD>
```

switchport access vlan <NUMBER> tenant <WORD> application <WORD> epg <WORD>**Description:** Application Name**Syntax:**

| | |
|----------|--|
| vlan | Access Vlan |
| <1-4094> | Access Vlan. Number range from=1 to=4094 |
| tenant | Tenant hosting the AEPg |
| WORD | Tenant hosting the AEPg (Max Size 63) |
| WORD | Application Name (Max Size 64) |
| epg | EPg that uses the statically enabled Encap |
| WORD | EPg that uses the statically enabled Encap (Max Size 64) |

Command Mode: interface port-channel : Port Channel interface**Command Path:**

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface port-channel <WORD> [fex <fex>]
(config-leaf-if)# switchport access vlan <NUMBER> tenant <WORD> application <WORD> epg
<WORD>
```

switchport access vlan <NUMBER> tenant <WORD> application <WORD> epg <WORD>

Description: Application Name

Syntax:

| | |
|----------|--|
| vlan | Access Vlan |
| <1-4094> | Access Vlan. Number range from=1 to=4094 |
| tenant | Tenant hosting the AEPg |
| WORD | Tenant hosting the AEPg (Max Size 63) |
| WORD | Application Name (Max Size 64) |
| epg | EPg that uses the statically enabled Encap |
| WORD | EPg that uses the statically enabled Encap (Max Size 64) |

Command Mode: interface ethernet : Ethernet IEEE 802.3z

Command Path:

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface ethernet <ifRange>
(config-leaf-if)# switchport access vlan <NUMBER> tenant <WORD> application <WORD> epg
<WORD>
```

switchport access vlan <NUMBER> tenant <WORD> application <WORD> epg <WORD>

Description: Application Name

Syntax:

| | |
|----------|--|
| vlan | Access Vlan |
| <1-4094> | Access Vlan. Number range from=1 to=4094 |
| tenant | Tenant hosting the AEPg |
| WORD | Tenant hosting the AEPg (Max Size 63) |
| WORD | Application Name (Max Size 64) |
| epg | EPg that uses the statically enabled Encap |
| WORD | EPg that uses the statically enabled Encap (Max Size 64) |

Command Mode: interface port-channel : Port Channel interface

Command Path:

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface port-channel <WORD> [fex <fex>]
(config-leaf-if)# switchport access vlan <NUMBER> tenant <WORD> application <WORD> epg
<WORD>
```

switchport access vlan <NUMBER> tenant <WORD> application <WORD> epg <WORD>

Description: Application Name

Syntax:

| | |
|----------|--|
| vlan | Access Vlan |
| <1-4094> | Access Vlan. Number range from=1 to=4094 |
| tenant | Tenant hosting the AEPg |
| WORD | Tenant hosting the AEPg (Max Size 63) |
| WORD | Application Name (Max Size 64) |
| epg | EPg that uses the statically enabled Encap |
| WORD | EPg that uses the statically enabled Encap (Max Size 64) |

Command Mode: interface : Provide VPC Name

Command Path:

```
# configure [['terminal', 't']]
(config)# vpc context leaf <101-4000> <101-4000> [fex <fex>]
(config-vpc)# interface vpc <WORD> [fex <fex>]
(config-vpc-if)# switchport access vlan <NUMBER> tenant <WORD> application <WORD> epg <WORD>
```

switchport access vlan tenant external-svi

switchport access vlan <NUMBER> tenant <WORD> external-svi [*l3out*] WORD

Description: Associate SVI to the L2 Access Interface

Syntax:

| | |
|--------------|---|
| vlan | Access Vlan |
| <1-4094> | Access Vlan. Number range from=1 to=4094 |
| tenant | Tenant hosting the AEPg |
| WORD | Tenant hosting the AEPg (Max Size 63) |
| <i>l3out</i> | (Optional) Specify one or more <i>l3extOut</i> to add SVI interface |
| WORD | <i>l3extOut</i> Name |

Command Mode: interface ethernet : Ethernet IEEE 802.3z

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface ethernet <ifRange>
(config-leaf-if)# switchport access vlan <NUMBER> tenant <WORD> external-svi [l3out] WORD
```

switchport access vlan <NUMBER> tenant <WORD> external-svi [*l3out*] WORD

Description: Associate SVI to Access L2 Interface

Syntax:

| | |
|--------------|---|
| vlan | Access Vlan |
| <1-4094> | Access Vlan. Number range from=1 to=4094 |
| tenant | Tenant hosting the AEPg |
| WORD | Tenant hosting the AEPg (Max Size 63) |
| <i>l3out</i> | (Optional) Specify one or more <i>l3extOut</i> to add SVI interface |
| WORD | <i>l3extOut</i> Name |

Command Mode: interface port-channel : Port Channel interface

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface port-channel <WORD> [fex <fex>]
```

```
(config-leaf-if)# switchport access vlan <NUMBER> tenant <WORD> external-svi [l3out] WORD
```

switchport access vlan <NUMBER> tenant <WORD> external-svi [l3out] WORD

Description: Associate SVI to the L2 Access Interface

Syntax:

| | |
|----------|--|
| vlan | Access Vlan |
| <1-4094> | Access Vlan. Number range from=1 to=4094 |
| tenant | Tenant hosting the AEPg |
| WORD | Tenant hosting the AEPg (Max Size 63) |
| l3out | (Optional) Specify one or more l3extOut to add SVI interface |
| WORD | l3extOut Name |

Command Mode: interface ethernet : Ethernet IEEE 802.3z

Command Path:

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface ethernet <ifRange>
(config-leaf-if)# switchport access vlan <NUMBER> tenant <WORD> external-svi [l3out] WORD
```

switchport access vlan <NUMBER> tenant <WORD> external-svi [l3out] WORD

Description: Associate SVI to Access L2 Interface

Syntax:

| | |
|----------|--|
| vlan | Access Vlan |
| <1-4094> | Access Vlan. Number range from=1 to=4094 |
| tenant | Tenant hosting the AEPg |
| WORD | Tenant hosting the AEPg (Max Size 63) |
| l3out | (Optional) Specify one or more l3extOut to add SVI interface |
| WORD | l3extOut Name |

Command Mode: interface port-channel : Port Channel interface

Command Path:

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface port-channel <WORD> [fex <fex>]
(config-leaf-if)# switchport access vlan <NUMBER> tenant <WORD> external-svi [l3out] WORD
```

switchport access vlan <NUMBER> tenant <WORD> external-svi [l3out] WORD**Description:** Associate SVI to Access L2 Interface**Syntax:**

| | |
|----------|--|
| vlan | Access Vlan |
| <1-4094> | Access Vlan. Number range from=1 to=4094 |
| tenant | Tenant hosting the AEPg |
| WORD | Tenant hosting the AEPg (Max Size 63) |
| l3out | (Optional) Specify one or more l3extOut to add SVI interface |
| WORD | l3extOut Name |

Command Mode: interface : Provide VPC Name**Command Path:**

```
# configure [['terminal', 't']]
(config)# vpc context leaf <101-4000> <101-4000> [fex <fex>]
(config-vpc)# interface vpc <WORD> [fex <fex>]
(config-vpc-if)# switchport access vlan <NUMBER> tenant <WORD> external-svi [l3out] WORD
```

switchport fill-pattern

switchport fill-pattern <arg>

Description: Configure fill pattern for fc interface

Syntax:

| | |
|------------|--|
| <i>arg</i> | |
|------------|--|

Command Mode: template fc-policy-group : Configure FC Policy Group Parameters

Command Path:

```
# configure [['terminal', 't']]
(config)# template fc-policy-group <WORD>
(config-fc-pol-grp-if)# switchport fill-pattern <>
```

switchport fill-pattern <arg>

Description: Configure Interface fillPattern

Syntax:

| | |
|------------|--|
| <i>arg</i> | |
|------------|--|

Command Mode: interface fc : FC Interface

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface fc <ifRange>
(config-leaf-fc-if)# switchport fill-pattern <>
```

switchport fill-pattern <arg>

Description: Configure Interface fillPattern

Syntax:

| | |
|------------|--|
| <i>arg</i> | |
|------------|--|

Command Mode: interface fc : FC Interface

Command Path:

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface fc <ifRange>
(config-leaf-fc-if)# switchport fill-pattern <>
```

switchport mode

switchport mode <arg>

Description: Configure port mode for fc interface

Syntax:

| | |
|------------|--|
| <i>arg</i> | |
|------------|--|

Command Mode: template fc-policy-group : Configure FC Policy Group Parameters

Command Path:

```
# configure [['terminal', 't']]
(config)# template fc-policy-group <WORD>
(config-fc-pol-grp-if)# switchport mode <>
```

switchport mode <arg>

Description: Configure switchport mode for interface

Syntax:

| | |
|------------|--|
| <i>arg</i> | |
| arg | |

Command Mode: template policy-group : Configure Policy Group Parameters

Command Path:

```
# configure [['terminal', 't']]
(config)# template policy-group <WORD>
(config-pol-grp-if)# switchport mode <>
```

switchport mode <arg>

Description: Configure switchport mode for vfc interface

Syntax:

| | |
|------------|--|
| <i>arg</i> | |
| arg | |

Command Mode: template port-channel : Configure Port-Channel Parameters

Command Path:

```
# configure [['terminal', 't']]
(config)# template port-channel <WORD>
```

```
(config-po-ch-if)# switchport mode <>
```

switchport mode dot1q-tunnel <arg>

Description: Tunnel Configuration

Syntax:

| | |
|--------------|---------------------------|
| dot1q-tunnel | QinQ Tunnel Configuration |
| <i>arg</i> | |

Command Mode: interface ethernet : Ethernet IEEE 802.3z

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface ethernet <ifRange>
(config-leaf-if)# switchport mode dot1q-tunnel <>
```

switchport mode dot1q-tunnel <arg>

Description: Tunnel Configuration

Syntax:

| | |
|--------------|---------------------------|
| dot1q-tunnel | QinQ Tunnel Configuration |
| <i>arg</i> | |

Command Mode: interface port-channel : Port Channel interface

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface port-channel <WORD> [fex <fex>]
(config-leaf-if)# switchport mode dot1q-tunnel <>
```

switchport mode <arg>

Description: Configure switchport mode for vfc interface

Syntax:

| | |
|------------|--|
| <i>arg</i> | |
|------------|--|

Command Mode: interface vfc : Virtual Fiber Channel interface

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface vfc <ifRange>
```

```
(config-leaf-if)# switchport mode <>
```

switchport mode <arg>

Description: Configure switchport mode for vfc interface

Syntax:

| | |
|------------|--|
| <i>arg</i> | |
|------------|--|

Command Mode: interface vfc-po : VFC Port Channel interface

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface vfc-po <WORD> [fex <fex>]
(config-leaf-if)# switchport mode <>
```

switchport mode <arg>

Description: Configure Port Mode

Syntax:

| | |
|------------|--|
| <i>arg</i> | |
|------------|--|

Command Mode: interface fc : FC Interface

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface fc <ifRange>
(config-leaf-fc-if)# switchport mode <>
```

switchport mode dot1q-tunnel <arg>

Description: Tunnel Configuration

Syntax:

| | |
|--------------|---------------------------|
| dot1q-tunnel | QinQ Tunnel Configuration |
| <i>arg</i> | |

Command Mode: interface ethernet : Ethernet IEEE 802.3z

Command Path:

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface ethernet <ifRange>
(config-leaf-if)# switchport mode dot1q-tunnel <>
```


switchport mode dot1q-tunnel <arg>**Description:** Tunnel Configuration**Syntax:**

| | |
|--------------|---------------------------|
| dot1q-tunnel | QinQ Tunnel Configuration |
| <i>arg</i> | |

Command Mode: interface port-channel : Port Channel interface**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface port-channel <WORD> [fex <fex>]
(config-leaf-if)# switchport mode dot1q-tunnel <>
```

switchport mode <arg>**Description:** Configure switchport mode for vfc interface**Syntax:**

| | |
|------------|--|
| <i>arg</i> | |
|------------|--|

Command Mode: interface vfc : Virtual Fiber Channel interface**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface vfc <ifRange>
(config-leaf-if)# switchport mode <>
```

switchport mode <arg>**Description:** Configure switchport mode for vfc interface**Syntax:**

| | |
|------------|--|
| <i>arg</i> | |
|------------|--|

Command Mode: interface vfc-po : VFC Port Channel interface**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface vfc-po <WORD> [fex <fex>]
(config-leaf-if)# switchport mode <>
```

switchport mode <arg>**Description:** Configure Port Mode**Syntax:**

| | |
|------------|--|
| <i>arg</i> | |
|------------|--|

Command Mode: interface fc : FC Interface**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface fc <ifRange>
(config-leaf-fc-if)# switchport mode <>
```

switchport mode <arg>**Description:** Configure switchport mode for interface**Syntax:**

| | |
|------------|--|
| <i>arg</i> | |
| <i>arg</i> | |

Command Mode: interface : Provide VPC Name**Command Path:**

```
# configure [['terminal', 't']]
(config)# vpc context leaf <101-4000> <101-4000> [fex <fex>]
(config-vpc)# interface vpc <WORD> [fex <fex>]
(config-vpc-if)# switchport mode <>
```

switchport port-authentication

switchport port-authentication <WORD>

Description: Port authentication configuration

Syntax:

| | |
|-------------|---|
| <i>WORD</i> | Port authentication Policy Group Name (Max Size 64) |
|-------------|---|

Command Mode: template policy-group : Configure Policy Group Parameters

Command Path:

```
# configure [['terminal', 't']]
(config)# template policy-group <WORD>
(config-pol-grp-if)# switchport port-authentication <WORD>
```

switchport port-authentication enable

switchport port-authentication enable

Description: Set admin state to enabled

Command Mode: interface ethernet : Ethernet IEEE 802.3z

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface ethernet <ifRange>
(config-leaf-if)# switchport port-authentication enable
```

switchport port-authentication enable

Description: Set admin state to enabled

Command Mode: interface ethernet : Ethernet IEEE 802.3z

Command Path:

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface ethernet <ifRange>
(config-leaf-if)# switchport port-authentication enable
```

switchport port-authentication host-mode

switchport port-authentication host-mode <arg>

Description: Set host mode

Syntax:

| | |
|------------|-----------|
| <i>arg</i> | Host mode |
|------------|-----------|

Command Mode: interface ethernet : Ethernet IEEE 802.3z

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface ethernet <ifRange>
(config-leaf-if)# switchport port-authentication host-mode <>
```

switchport port-authentication host-mode <arg>

Description: Set host mode

Syntax:

| | |
|------------|-----------|
| <i>arg</i> | Host mode |
|------------|-----------|

Command Mode: interface ethernet : Ethernet IEEE 802.3z

Command Path:

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface ethernet <ifRange>
(config-leaf-if)# switchport port-authentication host-mode <>
```

switchport port-authentication mac-auth

switchport port-authentication mac-auth <WORD>

Description: Set MAC Auth

Syntax:

| | |
|-------------|---------------|
| <i>WORD</i> | MAC Auth Mode |
|-------------|---------------|

Command Mode: interface ethernet : Ethernet IEEE 802.3z

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface ethernet <ifRange>
(config-leaf-if)# switchport port-authentication mac-auth <WORD>
```

switchport port-authentication mac-auth <WORD>

Description: Set MAC Auth

Syntax:

| | |
|-------------|---------------|
| <i>WORD</i> | MAC Auth Mode |
|-------------|---------------|

Command Mode: interface ethernet : Ethernet IEEE 802.3z

Command Path:

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface ethernet <ifRange>
(config-leaf-if)# switchport port-authentication mac-auth <WORD>
```

switchport port-authentication max-reauth-request

switchport port-authentication max-reauth-request <1-10>

Description: Set reauth request

Syntax:

| | |
|--------|--------------------|
| <1-10> | Set reauth request |
|--------|--------------------|

Command Mode: interface ethernet : Ethernet IEEE 802.3z

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface ethernet <ifRange>
(config-leaf-if)# switchport port-authentication max-reauth-request <1-10>
```

switchport port-authentication max-reauth-request <1-10>

Description: Set reauth request

Syntax:

| | |
|--------|--------------------|
| <1-10> | Set reauth request |
|--------|--------------------|

Command Mode: interface ethernet : Ethernet IEEE 802.3z

Command Path:

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface ethernet <ifRange>
(config-leaf-if)# switchport port-authentication max-reauth-request <1-10>
```

switchport port-authentication max-request

switchport port-authentication max-request <2-10>

Description: Set max request

Syntax:

| | |
|--------|-----------------|
| <2-10> | Set max request |
|--------|-----------------|

Command Mode: interface ethernet : Ethernet IEEE 802.3z

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface ethernet <ifRange>
(config-leaf-if)# switchport port-authentication max-request <2-10>
```

switchport port-authentication max-request <2-10>

Description: Set max request

Syntax:

| | |
|--------|-----------------|
| <2-10> | Set max request |
|--------|-----------------|

Command Mode: interface ethernet : Ethernet IEEE 802.3z

Command Path:

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface ethernet <ifRange>
(config-leaf-if)# switchport port-authentication max-request <2-10>
```


switchport port-authentication reauth-period

switchport port-authentication reauth-period <30-2147483>

Description: Set reauth period

Syntax:

| | |
|--------------|-------------------|
| <30-2147483> | Set reauth period |
|--------------|-------------------|

Command Mode: interface ethernet : Ethernet IEEE 802.3z

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface ethernet <ifRange>
(config-leaf-if)# switchport port-authentication reauth-period <30-2147483>
```

switchport port-authentication reauth-period <30-2147483>

Description: Set reauth period

Syntax:

| | |
|--------------|-------------------|
| <30-2147483> | Set reauth period |
|--------------|-------------------|

Command Mode: interface ethernet : Ethernet IEEE 802.3z

Command Path:

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface ethernet <ifRange>
(config-leaf-if)# switchport port-authentication reauth-period <30-2147483>
```

switchport port-authentication reauth

switchport port-authentication reauth

Description: Set reauth request

Command Mode: interface ethernet : Ethernet IEEE 802.3z

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface ethernet <ifRange>
(config-leaf-if)# switchport port-authentication reauth
```

switchport port-authentication reauth

Description: Set reauth request

Command Mode: interface ethernet : Ethernet IEEE 802.3z

Command Path:

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface ethernet <ifRange>
(config-leaf-if)# switchport port-authentication reauth
```

switchport port-authentication server-timeout

switchport port-authentication server-timeout <10-65535>

Description: Set server timeout

Syntax:

| | |
|------------|--------------------|
| <10-65535> | Set server timeout |
|------------|--------------------|

Command Mode: interface ethernet : Ethernet IEEE 802.3z

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface ethernet <ifRange>
(config-leaf-if)# switchport port-authentication server-timeout <10-65535>
```

switchport port-authentication server-timeout <10-65535>

Description: Set server timeout

Syntax:

| | |
|------------|--------------------|
| <10-65535> | Set server timeout |
|------------|--------------------|

Command Mode: interface ethernet : Ethernet IEEE 802.3z

Command Path:

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface ethernet <ifRange>
(config-leaf-if)# switchport port-authentication server-timeout <10-65535>
```

switchport port-authentication supp-timeout

switchport port-authentication supp-timeout <10-65535>

Description: Set supplicant timeout

Syntax:

| | |
|------------|------------------------|
| <10-65535> | Set supplicant timeout |
|------------|------------------------|

Command Mode: interface ethernet : Ethernet IEEE 802.3z

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface ethernet <ifRange>
(config-leaf-if)# switchport port-authentication supp-timeout <10-65535>
```

switchport port-authentication supp-timeout <10-65535>

Description: Set supplicant timeout

Syntax:

| | |
|------------|------------------------|
| <10-65535> | Set supplicant timeout |
|------------|------------------------|

Command Mode: interface ethernet : Ethernet IEEE 802.3z

Command Path:

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface ethernet <ifRange>
(config-leaf-if)# switchport port-authentication supp-timeout <10-65535>
```

switchport port-authentication tx-period

switchport port-authentication tx-period <10-65535>

Description: Set Tx period

Syntax:

| | |
|------------|---------------|
| <10-65535> | Set Tx period |
|------------|---------------|

Command Mode: interface ethernet : Ethernet IEEE 802.3z

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface ethernet <ifRange>
(config-leaf-if)# switchport port-authentication tx-period <10-65535>
```

switchport port-authentication tx-period <10-65535>

Description: Set Tx period

Syntax:

| | |
|------------|---------------|
| <10-65535> | Set Tx period |
|------------|---------------|

Command Mode: interface ethernet : Ethernet IEEE 802.3z

Command Path:

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface ethernet <ifRange>
(config-leaf-if)# switchport port-authentication tx-period <10-65535>
```

switchport port-security maximum

switchport port-security maximum <count>

Description:

Syntax:

| | |
|--------------|--------------------------------|
| <i>count</i> | . Number range from=0 to=12000 |
|--------------|--------------------------------|

Command Mode: template policy-group : Configure Policy Group Parameters

Command Path:

```
# configure [['terminal', 't']]
(config)# template policy-group <WORD>
(config-pol-grp-if)# switchport port-security maximum <count>
```

switchport port-security maximum <count>

Description:

Syntax:

| | |
|--------------|--------------------------------|
| <i>count</i> | . Number range from=0 to=12000 |
|--------------|--------------------------------|

Command Mode: template port-channel : Configure Port-Channel Parameters

Command Path:

```
# configure [['terminal', 't']]
(config)# template port-channel <WORD>
(config-po-ch-if)# switchport port-security maximum <count>
```

switchport port-security maximum <arg>

Description:

 Port-security configuration

Syntax:

| | |
|------------|--------------------------------|
| <i>arg</i> | . Number range from=0 to=12000 |
|------------|--------------------------------|

Command Mode: interface ethernet : Ethernet IEEE 802.3z

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface ethernet <ifRange>
(config-leaf-if)# switchport port-security maximum <>
```

switchport port-security maximum <arg>**Description:** Port-security configuration**Syntax:**

| | |
|------------|--------------------------------|
| <i>arg</i> | . Number range from=0 to=12000 |
|------------|--------------------------------|

Command Mode: interface port-channel : Port Channel interface**Command Path:**

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface port-channel <WORD> [fex <fex>]
(config-leaf-if)# switchport port-security maximum <>
```

switchport port-security maximum <arg>**Description:** Port-security configuration**Syntax:**

| | |
|------------|--------------------------------|
| <i>arg</i> | . Number range from=0 to=12000 |
|------------|--------------------------------|

Command Mode: interface ethernet : Ethernet IEEE 802.3z**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface ethernet <ifRange>
(config-leaf-if)# switchport port-security maximum <>
```

switchport port-security maximum <arg>**Description:** Port-security configuration**Syntax:**

| | |
|------------|--------------------------------|
| <i>arg</i> | . Number range from=0 to=12000 |
|------------|--------------------------------|

Command Mode: interface port-channel : Port Channel interface**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface port-channel <WORD> [fex <fex>]
(config-leaf-if)# switchport port-security maximum <>
```

switchport port-security maximum <arg>**Description:** Port-security configuration**Syntax:**

| | |
|------------|--------------------------------|
| <i>arg</i> | . Number range from=0 to=12000 |
|------------|--------------------------------|

Command Mode: interface : Provide VPC Name

Command Path:

```
# configure [['terminal', 't']]
(config)# vpc context leaf <101-4000> <101-4000> [fex <fex>]
(config-vpc)# interface vpc <WORD> [fex <fex>]
(config-vpc-if)# switchport port-security maximum <>
```


switchport port-security timeout

switchport port-security timeout <count>

Description:

Syntax:

| | |
|--------------|--------------------------------|
| <i>count</i> | . Number range from=60 to=3600 |
|--------------|--------------------------------|

Command Mode: template policy-group : Configure Policy Group Parameters

Command Path:

```
# configure [['terminal', 't']]
(config)# template policy-group <WORD>
(config-pol-grp-if)# switchport port-security timeout <count>
```

switchport port-security timeout <count>

Description:

Syntax:

| | |
|--------------|--------------------------------|
| <i>count</i> | . Number range from=60 to=3600 |
|--------------|--------------------------------|

Command Mode: template port-channel : Configure Port-Channel Parameters

Command Path:

```
# configure [['terminal', 't']]
(config)# template port-channel <WORD>
(config-po-ch-if)# switchport port-security timeout <count>
```

switchport port-security timeout <arg>

Description: port-security configuration

Syntax:

| | |
|------------|--------------------------------|
| <i>arg</i> | . Number range from=60 to=3600 |
|------------|--------------------------------|

Command Mode: interface ethernet : Ethernet IEEE 802.3z

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface ethernet <ifRange>
(config-leaf-if)# switchport port-security timeout <>
```

switchport port-security timeout <arg>**Description:** port-security configuration**Syntax:**

| | |
|------------|--------------------------------|
| <i>arg</i> | . Number range from=60 to=3600 |
|------------|--------------------------------|

Command Mode: interface port-channel : Port Channel interface**Command Path:**

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface port-channel <WORD> [fex <fex>]
(config-leaf-if)# switchport port-security timeout <>
```

switchport port-security timeout <arg>**Description:** port-security configuration**Syntax:**

| | |
|------------|--------------------------------|
| <i>arg</i> | . Number range from=60 to=3600 |
|------------|--------------------------------|

Command Mode: interface ethernet : Ethernet IEEE 802.3z**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface ethernet <ifRange>
(config-leaf-if)# switchport port-security timeout <>
```

switchport port-security timeout <arg>**Description:** port-security configuration**Syntax:**

| | |
|------------|--------------------------------|
| <i>arg</i> | . Number range from=60 to=3600 |
|------------|--------------------------------|

Command Mode: interface port-channel : Port Channel interface**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface port-channel <WORD> [fex <fex>]
(config-leaf-if)# switchport port-security timeout <>
```

switchport port-security timeout <arg>**Description:** port-security configuration**Syntax:**

| | |
|------------|--------------------------------|
| <i>arg</i> | . Number range from=60 to=3600 |
|------------|--------------------------------|

Command Mode: interface : Provide VPC Name

Command Path:

```
# configure [['terminal', 't']]
(config)# vpc context leaf <101-4000> <101-4000> [fex <fex>]
(config-vpc)# interface vpc <WORD> [fex <fex>]
(config-vpc-if)# switchport port-security timeout <>
```

switchport port-security violation

switchport port-security violation protect

Description:

Syntax:

| | |
|---------|--|
| protect | |
|---------|--|

Command Mode: template policy-group : Configure Policy Group Parameters

Command Path:

```
# configure [['terminal', 't']]
(config)# template policy-group <WORD>
(config-pol-grp-if)# switchport port-security violation protect
```

switchport port-security violation protect

Description:

Syntax:

| | |
|---------|--|
| protect | |
|---------|--|

Command Mode: template port-channel : Configure Port-Channel Parameters

Command Path:

```
# configure [['terminal', 't']]
(config)# template port-channel <WORD>
(config-po-ch-if)# switchport port-security violation protect
```

switchport port-security violation protect

Description: Port-security configuration

Syntax:

| | |
|---------|--|
| protect | |
|---------|--|

Command Mode: interface ethernet : Ethernet IEEE 802.3z

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface ethernet <ifRange>
(config-leaf-if)# switchport port-security violation protect
```

switchport port-security violation protect**Description:** Port-security configuration**Syntax:**

| | |
|---------|--|
| protect | |
|---------|--|

Command Mode: interface port-channel : Port Channel interface**Command Path:**

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface port-channel <WORD> [fex <fex>]
(config-leaf-if)# switchport port-security violation protect
```

switchport port-security violation protect**Description:** Port-security configuration**Syntax:**

| | |
|---------|--|
| protect | |
|---------|--|

Command Mode: interface ethernet : Ethernet IEEE 802.3z**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface ethernet <ifRange>
(config-leaf-if)# switchport port-security violation protect
```

switchport port-security violation protect**Description:** Port-security configuration**Syntax:**

| | |
|---------|--|
| protect | |
|---------|--|

Command Mode: interface port-channel : Port Channel interface**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface port-channel <WORD> [fex <fex>]
(config-leaf-if)# switchport port-security violation protect
```

switchport port-security violation protect**Description:** Port-security configuration**Syntax:**

| | |
|---------|--|
| protect | |
|---------|--|

Command Mode: interface : Provide VPC Name

Command Path:

```
# configure [['terminal', 't']]
(config)# vpc context leaf <101-4000> <101-4000> [fex <fex>]
(config-vpc)# interface vpc <WORD> [fex <fex>]
(config-vpc-if)# switchport port-security violation protect
```

switchport rxbbcredit

switchport rxbbcredit <arg>

Description: Configure rxBBCredit for fc interface

Syntax:

| | |
|------------|---|
| <i>arg</i> | Receive Buffer Credit. Number range from=16 to=64 |
|------------|---|

Command Mode: template fc-policy-group : Configure FC Policy Group Parameters

Command Path:

```
# configure [['terminal', 't']]
(config)# template fc-policy-group <WORD>
(config-fc-pol-grp-if)# switchport rxbbcredit <>
```

switchport rxbbcredit <arg>

Description: Configure rxBBCredit for fc interface

Syntax:

| | |
|------------|---|
| <i>arg</i> | Receive Buffer Credit. Number range from=16 to=64 |
|------------|---|

Command Mode: interface fc : FC Interface

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface fc <ifRange>
(config-leaf-fc-if)# switchport rxbbcredit <>
```

switchport rxbbcredit <arg>

Description: Configure rxBBCredit for fc interface

Syntax:

| | |
|------------|---|
| <i>arg</i> | Receive Buffer Credit. Number range from=16 to=64 |
|------------|---|

Command Mode: interface fc : FC Interface

Command Path:

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface fc <ifRange>
(config-leaf-fc-if)# switchport rxbbcredit <>
```

switchport speed

switchport speed <arg>

Description: Configure speed for fc interface

Syntax:

| | |
|------------|--|
| <i>arg</i> | |
|------------|--|

Command Mode: template fc-policy-group : Configure FC Policy Group Parameters

Command Path:

```
# configure [['terminal', 't']]
(config)# template fc-policy-group <WORD>
(config-fc-pol-grp-if)# switchport speed <>
```

switchport speed <interfaceSpeed>

Description: Configure Interface Speed

Syntax:

| | |
|------------------|------------------------|
| <interfaceSpeed> | Interface Speed Policy |
|------------------|------------------------|

Command Mode: interface fc : FC Interface

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface fc <ifRange>
(config-leaf-fc-if)# switchport speed <interfaceSpeed>
```

switchport speed <interfaceSpeed>

Description: Configure Interface Speed

Syntax:

| | |
|------------------|------------------------|
| <interfaceSpeed> | Interface Speed Policy |
|------------------|------------------------|

Command Mode: interface fc : FC Interface

Command Path:

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface fc <ifRange>
(config-leaf-fc-if)# switchport speed <interfaceSpeed>
```


switchport tenant

switchport tenant <WORD> dot1q-tunnel <WORD>

Description: dot1q-tunnel Configuration

Syntax:

| | |
|--------------|--------------------------------------|
| <i>WORD</i> | Tenant hosting the EPg (Max Size 63) |
| dot1q-tunnel | Add an dot1q-tunnel |
| <i>WORD</i> | Tunnel EPG name (Max Size 64) |

Command Mode: interface ethernet : Ethernet IEEE 802.3z

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface ethernet <ifRange>
(config-leaf-if)# switchport tenant <WORD> dot1q-tunnel <WORD>
```

switchport tenant <WORD> dot1q-tunnel <WORD>

Description: dot1q-tunnel Configuration

Syntax:

| | |
|--------------|--------------------------------------|
| <i>WORD</i> | Tenant hosting the EPg (Max Size 63) |
| dot1q-tunnel | Add an dot1q-tunnel |
| <i>WORD</i> | Tunnel EPG name (Max Size 64) |

Command Mode: interface port-channel : Port Channel interface

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface port-channel <WORD> [fex <fex>]
(config-leaf-if)# switchport tenant <WORD> dot1q-tunnel <WORD>
```

switchport tenant <WORD> dot1q-tunnel <WORD>

Description: dot1q-tunnel Configuration

Syntax:

| | |
|--------------|--------------------------------------|
| <i>WORD</i> | Tenant hosting the EPg (Max Size 63) |
| dot1q-tunnel | Add an dot1q-tunnel |

| | |
|-------------|-------------------------------|
| <i>WORD</i> | Tunnel EPG name (Max Size 64) |
|-------------|-------------------------------|

Command Mode: interface ethernet : Ethernet IEEE 802.3z

Command Path:

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface ethernet <ifRange>
(config-leaf-if)# switchport tenant <WORD> dot1q-tunnel <WORD>
```

switchport tenant <WORD> dot1q-tunnel <WORD>

Description: dot1q-tunnel Configuration

Syntax:

| | |
|--------------|--------------------------------------|
| <i>WORD</i> | Tenant hosting the EPg (Max Size 63) |
| dot1q-tunnel | Add an dot1q-tunnel |
| <i>WORD</i> | Tunnel EPG name (Max Size 64) |

Command Mode: interface port-channel : Port Channel interface

Command Path:

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface port-channel <WORD> [fex <fex>]
(config-leaf-if)# switchport tenant <WORD> dot1q-tunnel <WORD>
```

switchport tenant <WORD> dot1q-tunnel <WORD>

Description: dot1q-tunnel Configuration

Syntax:

| | |
|--------------|--------------------------------------|
| <i>WORD</i> | Tenant hosting the EPg (Max Size 63) |
| dot1q-tunnel | Add an dot1q-tunnel |
| <i>WORD</i> | Tunnel EPG name (Max Size 64) |

Command Mode: interface : Provide VPC Name

Command Path:

```
# configure [['terminal', 't']]
(config)# vpc context leaf <101-4000> <101-4000> [fex <fex>]
(config-vpc)# interface vpc <WORD> [fex <fex>]
(config-vpc-if)# switchport tenant <WORD> dot1q-tunnel <WORD>
```

switchport trunk-mode

switchport trunk-mode <arg>

Description: Configure trunkMode for fc interface

Syntax:

| | |
|------------|--|
| <i>arg</i> | |
|------------|--|

Command Mode: template fc-policy-group : Configure FC Policy Group Parameters

Command Path:

```
# configure [['terminal', 't']]
(config)# template fc-policy-group <WORD>
(config-fc-pol-grp-if)# switchport trunk-mode <>
```

switchport trunk-mode <arg>

Description: Configure Interface Trunking Mode

Syntax:

| | |
|------------|--|
| <i>arg</i> | |
|------------|--|

Command Mode: interface fc : FC Interface

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface fc <ifRange>
(config-leaf-fc-if)# switchport trunk-mode <>
```

switchport trunk-mode <arg>

Description: Configure Interface Trunking Mode

Syntax:

| | |
|------------|--|
| <i>arg</i> | |
|------------|--|

Command Mode: interface fc : FC Interface

Command Path:

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface fc <ifRange>
(config-leaf-fc-if)# switchport trunk-mode <>
```

switchport trunk allowed vlan inband-mgmt

switchport trunk allowed vlan <NUMBER> inband-mgmt <A.B.C.D/LEN>

Description: Configure External L2 connectivity to inband Mnaagement

Syntax:

| | |
|-------------|---|
| vlan | Encapsulation Vlan |
| <1-4094> | Encapsulation Vlan. Number range from=1 to=4094 |
| A.B.C.D/LEN | Gateway IP Address for External Connectivity format x.x.x.x/m |

Command Mode: interface ethernet : Ethernet IEEE 802.3z

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface ethernet <ifRange>
(config-leaf-if)# switchport trunk allowed vlan <NUMBER> inband-mgmt <A.B.C.D/LEN>
```

switchport trunk allowed vlan <NUMBER> inband-mgmt <A.B.C.D/LEN>

Description: Configure External L2 connectivity to inband Mnaagement

Syntax:

| | |
|-------------|---|
| vlan | Encapsulation Vlan |
| <1-4094> | Encapsulation Vlan. Number range from=1 to=4094 |
| A.B.C.D/LEN | Gateway IP Address for External Connectivity format x.x.x.x/m |

Command Mode: interface ethernet : Ethernet IEEE 802.3z

Command Path:

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface ethernet <ifRange>
(config-leaf-if)# switchport trunk allowed vlan <NUMBER> inband-mgmt <A.B.C.D/LEN>
```

switchport trunk allowed vlan tenant application

switchport trunk allowed vlan <NUMBER> tenant <WORD> application <WORD> epg <WORD>

Description: Application Name

Syntax:

| | |
|----------|--|
| vlan | Encapsulation Vlan |
| <1-4094> | Encapsulation Vlan. Number range from=1 to=4094 |
| WORD | Tenant hosting the EPg (Max Size 63) |
| WORD | Application Name (Max Size 64) |
| epg | EPg that uses the statically enabled Encap |
| WORD | EPg that uses the statically enabled Encap (Max Size 64) |

Command Mode: template policy-group : Configure Policy Group Parameters

Command Path:

```
# configure [['terminal', 't']]
(config)# template policy-group <WORD>
(config-pol-grp-if)# switchport trunk allowed vlan <NUMBER> tenant <WORD> application <WORD>
epg <WORD>
```

switchport trunk allowed vlan <NUMBER> tenant <WORD> application <WORD> epg <WORD>

Description: Application Name

Syntax:

| | |
|----------|--|
| vlan | Encapsulation Vlan |
| <1-4094> | Encapsulation Vlan. Number range from=1 to=4094 |
| WORD | Tenant hosting the EPg (Max Size 63) |
| WORD | Application Name (Max Size 64) |
| epg | EPg that uses the statically enabled Encap |
| WORD | EPg that uses the statically enabled Encap (Max Size 64) |

Command Mode: template port-channel : Configure Port-Channel Parameters

Command Path:

```
# configure [['terminal', 't']]
(config)# template port-channel <WORD>
(config-po-ch-if)# switchport trunk allowed vlan <NUMBER> tenant <WORD> application <WORD>
```

epg <WORD>

switchport trunk allowed vlan <NUMBER> tenant <WORD> application <WORD> epg <WORD> [primary-vlan primary-vlan <evlan>]

Description: Add an AEPg as static encap

Syntax:

| | |
|----------------------|---|
| vlan | Encapsulation Vlan |
| <1-4094> | Encapsulation Vlan. Number range from=1 to=4094 |
| WORD | Tenant hosting the EPg (Max Size 63) |
| WORD | Application Name (Max Size 64) |
| epg | EPg that uses the statically enabled Encap |
| WORD | EPg that uses the statically enabled Encap (Max Size 64) |
| primary-vlan <evlan> | (Optional) Vlan for egress traffic when EPG isolation is enforced |

Command Mode: interface ethernet : Ethernet IEEE 802.3z

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface ethernet <ifRange>
(config-leaf-if)# switchport trunk allowed vlan <NUMBER> tenant <WORD> application <WORD>
epg <WORD> [primary-vlan primary-vlan <evlan>]
```

switchport trunk allowed vlan <NUMBER> tenant <WORD> application <WORD> epg <WORD>

Description: Add an AEPg as static encap

Syntax:

| | |
|----------|--|
| vlan | Encapsulation Vlan |
| <1-4094> | Encapsulation Vlan. Number range from=1 to=4094 |
| tenant | Tenant hosting the EPg |
| WORD | Tenant hosting the EPg (Max Size 63) |
| WORD | Application Name (Max Size 64) |
| epg | EPg that uses the statically enabled Encap |
| WORD | EPg that uses the statically enabled Encap (Max Size 64) |

Command Mode: interface port-channel : Port Channel interface

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface port-channel <WORD> [fex <fex>]
(config-leaf-if)# switchport trunk allowed vlan <NUMBER> tenant <WORD> application <WORD>
epg <WORD>
```

switchport trunk allowed vlan <NUMBER> tenant <WORD> application <WORD> epg <WORD> [primary-vlan primary-vlan <evlan>]

Description: Add an AEPg as static encap

Syntax:

| | |
|----------------------|---|
| vlan | Encapsulation Vlan |
| <1-4094> | Encapsulation Vlan. Number range from=1 to=4094 |
| WORD | Tenant hosting the EPg (Max Size 63) |
| WORD | Application Name (Max Size 64) |
| epg | EPg that uses the statically enabled Encap |
| WORD | EPg that uses the statically enabled Encap (Max Size 64) |
| primary-vlan <evlan> | (Optional) Vlan for egress traffic when EPG isolation is enforced |

Command Mode: interface ethernet : Ethernet IEEE 802.3z

Command Path:

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface ethernet <ifRange>
(config-leaf-if)# switchport trunk allowed vlan <NUMBER> tenant <WORD> application <WORD>
epg <WORD> [primary-vlan primary-vlan <evlan>]
```

switchport trunk allowed vlan <NUMBER> tenant <WORD> application <WORD> epg <WORD>

Description: Add an AEPg as static encap

Syntax:

| | |
|----------|---|
| vlan | Encapsulation Vlan |
| <1-4094> | Encapsulation Vlan. Number range from=1 to=4094 |
| tenant | Tenant hosting the EPg |
| WORD | Tenant hosting the EPg (Max Size 63) |
| WORD | Application Name (Max Size 64) |
| epg | EPg that uses the statically enabled Encap |

| | |
|-------------|--|
| <i>WORD</i> | EPg that uses the statically enabled Encap (Max Size 64) |
|-------------|--|

Command Mode: interface port-channel : Port Channel interface

Command Path:

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface port-channel <WORD> [fex <fex>]
(config-leaf-if)# switchport trunk allowed vlan <NUMBER> tenant <WORD> application <WORD>
epg <WORD>
```

switchport trunk allowed vlan <NUMBER> tenant <WORD> application <WORD> epg <WORD>

Description: Add an AEPg as static encap

Syntax:

| | |
|-------------|--|
| <1-4094> | Encapsulation Vlan. Number range from=1 to=4094 |
| tenant | Tenant hosting the EPg |
| <i>WORD</i> | Tenant hosting the EPg (Max Size 63) |
| <i>WORD</i> | Application Name (Max Size 64) |
| epg | EPg that uses the statically enabled Encap |
| <i>WORD</i> | EPg that uses the statically enabled Encap (Max Size 64) |

Command Mode: interface : Provide VPC Name

Command Path:

```
# configure [['terminal', 't']]
(config)# vpc context leaf <101-4000> <101-4000> [fex <fex>]
(config-vpc)# interface vpc <WORD> [fex <fex>]
(config-vpc-if)# switchport trunk allowed vlan <NUMBER> tenant <WORD> application <WORD>
epg <WORD>
```


switchport trunk allowed vlan tenant external-l2

switchport trunk allowed vlan <NUMBER> tenant <WORD> external-l2 epg <WORD>

Description: Add a L2 external EPG on the interface

Syntax:

| | |
|----------|---|
| vlan | Encapsulation Vlan |
| <1-4094> | Encapsulation Vlan. Number range from=1 to=4094 |
| WORD | Tenant hosting the EPg (Max Size 63) |
| epg | L2 external EPG name |
| WORD | L2 external EPG name (Max Size 64) |

Command Mode: interface ethernet : Ethernet IEEE 802.3z

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface ethernet <ifRange>
(config-leaf-if)# switchport trunk allowed vlan <NUMBER> tenant <WORD> external-l2 epg
<WORD>
```

switchport trunk allowed vlan <NUMBER> tenant <WORD> external-l2 epg <WORD>

Description: Add a L2 external EPG on the interface

Syntax:

| | |
|----------|---|
| vlan | Encapsulation Vlan |
| <1-4094> | Encapsulation Vlan. Number range from=1 to=4094 |
| tenant | Tenant hosting the EPg |
| WORD | Tenant hosting the EPg (Max Size 63) |
| epg | L2 external EPG name |
| WORD | L2 external EPG name (Max Size 64) |

Command Mode: interface port-channel : Port Channel interface

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface port-channel <WORD> [fex <fex>]
(config-leaf-if)# switchport trunk allowed vlan <NUMBER> tenant <WORD> external-l2 epg
```

<WORD>

switchport trunk allowed vlan <NUMBER> tenant <WORD> external-l2 epg <WORD>**Description:** Add a L2 external EPG on the interface**Syntax:**

| | |
|----------|---|
| vlan | Encapsulation Vlan |
| <1-4094> | Encapsulation Vlan. Number range from=1 to=4094 |
| WORD | Tenant hosting the EPg (Max Size 63) |
| epg | L2 external EPG name |
| WORD | L2 external EPG name (Max Size 64) |

Command Mode: interface ethernet : Ethernet IEEE 802.3z**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface ethernet <ifRange>
(config-leaf-if)# switchport trunk allowed vlan <NUMBER> tenant <WORD> external-l2 epg
<WORD>
```

switchport trunk allowed vlan <NUMBER> tenant <WORD> external-l2 epg <WORD>**Description:** Add a L2 external EPG on the interface**Syntax:**

| | |
|----------|---|
| vlan | Encapsulation Vlan |
| <1-4094> | Encapsulation Vlan. Number range from=1 to=4094 |
| tenant | Tenant hosting the EPg |
| WORD | Tenant hosting the EPg (Max Size 63) |
| epg | L2 external EPG name |
| WORD | L2 external EPG name (Max Size 64) |

Command Mode: interface port-channel : Port Channel interface**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface port-channel <WORD> [fex <fex>]
(config-leaf-if)# switchport trunk allowed vlan <NUMBER> tenant <WORD> external-l2 epg
<WORD>
```

switchport trunk allowed vlan <NUMBER> tenant <WORD> external-l2 epg <WORD>

Description: Add a L2 external EPG on the interface

Syntax:

| | |
|----------|---|
| <1-4094> | Encapsulation Vlan. Number range from=1 to=4094 |
| tenant | Tenant hosting the EPg |
| WORD | Tenant hosting the EPg (Max Size 63) |
| epg | L2 external EPG name |
| WORD | L2 external EPG name (Max Size 64) |

Command Mode: interface : Provide VPC Name

Command Path:

```
# configure [['terminal', 't']]
(config)# vpc context leaf <101-4000> <101-4000> [fex <fex>]
(config-vpc)# interface vpc <WORD> [fex <fex>]
(config-vpc-if)# switchport trunk allowed vlan <NUMBER> tenant <WORD> external-l2 epg <WORD>
```

switchport trunk allowed vlan tenant external-svi

switchport trunk allowed vlan <NUMBER> tenant <WORD> external-svi [l3out] WORD

Description: Associate SVI to the L2 Interface

Syntax:

| | |
|----------|--|
| vlan | Encapsulation Vlan |
| <1-4094> | Encapsulation Vlan. Number range from=1 to=4094 |
| WORD | Tenant hosting the EPg (Max Size 63) |
| l3out | (Optional) Specify one or more l3extOut to add SVI interface |
| WORD | l3extOut Name |

Command Mode: interface ethernet : Ethernet IEEE 802.3z

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface ethernet <ifRange>
(config-leaf-if)# switchport trunk allowed vlan <NUMBER> tenant <WORD> external-svi [l3out]
WORD
```

switchport trunk allowed vlan <NUMBER> tenant <WORD> external-svi [l3out] WORD

Description: Associate SVI to the L2 Interface

Syntax:

| | |
|----------|--|
| vlan | Encapsulation Vlan |
| <1-4094> | Encapsulation Vlan. Number range from=1 to=4094 |
| tenant | Tenant hosting the EPg |
| WORD | Tenant hosting the EPg (Max Size 63) |
| l3out | (Optional) Specify one or more l3extOut to add SVI interface |
| WORD | l3extOut Name |

Command Mode: interface port-channel : Port Channel interface

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface port-channel <WORD> [fex <fex>]
(config-leaf-if)# switchport trunk allowed vlan <NUMBER> tenant <WORD> external-svi [l3out]
```

WORD

switchport trunk allowed vlan <NUMBER> tenant <WORD> external-svi [l3out] WORD**Description:** Associate SVI to the L2 Interface**Syntax:**

| | |
|----------|--|
| vlan | Encapsulation Vlan |
| <1-4094> | Encapsulation Vlan. Number range from=1 to=4094 |
| WORD | Tenant hosting the EPg (Max Size 63) |
| l3out | (Optional) Specify one or more l3extOut to add SVI interface |
| WORD | l3extOut Name |

Command Mode: interface ethernet : Ethernet IEEE 802.3z**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface ethernet <ifRange>
(config-leaf-if)# switchport trunk allowed vlan <NUMBER> tenant <WORD> external-svi [l3out]
WORD
```

switchport trunk allowed vlan <NUMBER> tenant <WORD> external-svi [l3out] WORD**Description:** Associate SVI to the L2 Interface**Syntax:**

| | |
|----------|--|
| vlan | Encapsulation Vlan |
| <1-4094> | Encapsulation Vlan. Number range from=1 to=4094 |
| tenant | Tenant hosting the EPg |
| WORD | Tenant hosting the EPg (Max Size 63) |
| l3out | (Optional) Specify one or more l3extOut to add SVI interface |
| WORD | l3extOut Name |

Command Mode: interface port-channel : Port Channel interface**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface port-channel <WORD> [fex <fex>]
(config-leaf-if)# switchport trunk allowed vlan <NUMBER> tenant <WORD> external-svi [l3out]
WORD
```

switchport trunk allowed vlan <NUMBER> tenant <WORD> external-svi [l3out] WORD**Description:** Associate SVI to the L2 Interface**Syntax:**

| | |
|----------|--|
| <1-4094> | Encapsulation Vlan. Number range from=1 to=4094 |
| tenant | Tenant hosting the EPg |
| WORD | Tenant hosting the EPg (Max Size 63) |
| l3out | (Optional) Specify one or more l3extOut to add SVI interface |
| WORD | l3extOut Name |

Command Mode: interface : Provide VPC Name**Command Path:**

```
# configure [['terminal', 't']]
(config)# vpc context leaf <101-4000> <101-4000> [fex <fex>]
(config-vpc)# interface vpc <WORD> [fex <fex>]
(config-vpc-if)# switchport trunk allowed vlan <NUMBER> tenant <WORD> external-svi [l3out]
WORD
```

switchport trunk allowed vlan tenant legacy-forwarding

switchport trunk allowed vlan <NUMBER> tenant <WORD> legacy-forwarding

Description: Add legacy forwarding on the vlan supplied

Syntax:

| | |
|----------|---|
| vlan | Encapsulation Vlan |
| <1-4094> | Encapsulation Vlan. Number range from=1 to=4094 |
| WORD | Tenant hosting the EPg (Max Size 63) |

Command Mode: interface ethernet : Ethernet IEEE 802.3z

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface ethernet <ifRange>
(config-leaf-if)# switchport trunk allowed vlan <NUMBER> tenant <WORD> legacy-forwarding
```

switchport trunk allowed vlan <NUMBER> tenant <WORD> legacy-forwarding

Description: Add legacy forwarding on the vlan supplied

Syntax:

| | |
|----------|---|
| vlan | Encapsulation Vlan |
| <1-4094> | Encapsulation Vlan. Number range from=1 to=4094 |
| tenant | Tenant hosting the EPg |
| WORD | Tenant hosting the EPg (Max Size 63) |

Command Mode: interface port-channel : Port Channel interface

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface port-channel <WORD> [fex <fex>]
(config-leaf-if)# switchport trunk allowed vlan <NUMBER> tenant <WORD> legacy-forwarding
```

switchport trunk allowed vlan <NUMBER> tenant <WORD> legacy-forwarding

Description: Add legacy forwarding on the vlan supplied

Syntax:

| | |
|------|--------------------|
| vlan | Encapsulation Vlan |
|------|--------------------|

| | |
|----------|---|
| <1-4094> | Encapsulation Vlan. Number range from=1 to=4094 |
| WORD | Tenant hosting the EPg (Max Size 63) |

Command Mode: interface ethernet : Ethernet IEEE 802.3z

Command Path:

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface ethernet <ifRange>
(config-leaf-if)# switchport trunk allowed vlan <NUMBER> tenant <WORD> legacy-forwarding
```

switchport trunk allowed vlan <NUMBER> tenant <WORD> legacy-forwarding

Description: Add legacy forwarding on the vlan supplied

Syntax:

| | |
|----------|---|
| vlan | Encapsulation Vlan |
| <1-4094> | Encapsulation Vlan. Number range from=1 to=4094 |
| tenant | Tenant hosting the EPg |
| WORD | Tenant hosting the EPg (Max Size 63) |

Command Mode: interface port-channel : Port Channel interface

Command Path:

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface port-channel <WORD> [fex <fex>]
(config-leaf-if)# switchport trunk allowed vlan <NUMBER> tenant <WORD> legacy-forwarding
```

switchport trunk allowed vlan <NUMBER> tenant <WORD> legacy-forwarding

Description: Add legacy forwarding on the vlan supplied

Syntax:

| | |
|----------|---|
| <1-4094> | Encapsulation Vlan. Number range from=1 to=4094 |
| tenant | Tenant hosting the EPg |
| WORD | Tenant hosting the EPg (Max Size 63) |

Command Mode: interface : Provide VPC Name

Command Path:

```
# configure [['terminal', 't']]
(config)# vpc context leaf <101-4000> <101-4000> [fex <fex>]
(config-vpc)# interface vpc <WORD> [fex <fex>]
```



```
(config-vpc-if)# switchport trunk allowed vlan <NUMBER> tenant <WORD> legacy-forwarding
```

switchport trunk allowed vsan tenant application

switchport trunk allowed vsan <vsan-id> tenant <WORD> application <WORD> epg <WORD>

Description: Add an AEPg as static encap

Syntax:

| | |
|----------------|--|
| vsan | Encapsulation vsan |
| <i>vsan-id</i> | VSAN Id. Number range from=1 to=4093 |
| <i>WORD</i> | Tenant hosting the EPg (Max Size 63) |
| <i>WORD</i> | Application Name (Max Size 64) |
| epg | EPg that uses the statically enabled Encap |
| <i>WORD</i> | EPg that uses the statically enabled Encap (Max Size 64) |

Command Mode: interface vfc : Virtual Fiber Channel interface

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface vfc <ifRange>
(config-leaf-if)# switchport trunk allowed vsan <vsan-id> tenant <WORD> application <WORD>
epg <WORD>
```

switchport trunk allowed vsan <vsan-id> tenant <WORD> application <WORD> epg <WORD>

Description: Add an AEPg as static encap

Syntax:

| | |
|----------------|--|
| vsan | Encapsulation vsan |
| <i>vsan-id</i> | VSAN Id. Number range from=1 to=4093 |
| <i>WORD</i> | Tenant hosting the EPg (Max Size 63) |
| <i>WORD</i> | Application Name (Max Size 64) |
| epg | EPg that uses the statically enabled Encap |
| <i>WORD</i> | EPg that uses the statically enabled Encap (Max Size 64) |

Command Mode: interface vfc-po : VFC Port Channel interface

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
```

```
(config-leaf)# interface vfc-po <WORD> [fex <fex>]
(config-leaf-if)# switchport trunk allowed vsan <vsan-id> tenant <WORD> application <WORD>
epg <WORD>
```

switchport trunk allowed vsan <vsan-id> tenant <WORD> application <WORD> epg <WORD>

Description: Add an AEPg as static encap

Syntax:

| | |
|----------------|--|
| vsan | Encap vsan |
| <i>vsan-id</i> | VSAN Id. Number range from=1 to=4093 |
| <i>WORD</i> | Tenant hosting the EPg (Max Size 63) |
| <i>WORD</i> | Application Name (Max Size 64) |
| epg | EPg that uses the statically enabled Encap |
| <i>WORD</i> | EPg that uses the statically enabled Encap (Max Size 64) |

Command Mode: interface fc : FC Interface

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface fc <ifRange>
(config-leaf-fc-if)# switchport trunk allowed vsan <vsan-id> tenant <WORD> application
<WORD> epg <WORD>
```

switchport trunk allowed vsan <vsan-id> tenant <WORD> application <WORD> epg <WORD>

Description: Add an AEPg as static encap

Syntax:

| | |
|----------------|--|
| vsan | Encapsulation vsan |
| <i>vsan-id</i> | VSAN Id. Number range from=1 to=4093 |
| <i>WORD</i> | Tenant hosting the EPg (Max Size 63) |
| <i>WORD</i> | Application Name (Max Size 64) |
| epg | EPg that uses the statically enabled Encap |
| <i>WORD</i> | EPg that uses the statically enabled Encap (Max Size 64) |

Command Mode: interface vfc : Virtual Fiber Channel interface

Command Path:

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
```

```
(config-spine)# interface vfc <ifRange>
(config-leaf-if)# switchport trunk allowed vsan <vsan-id> tenant <WORD> application <WORD>
epg <WORD>
```

switchport trunk allowed vsan <vsan-id> tenant <WORD> application <WORD> epg <WORD>

Description: Add an AEPg as static encap

Syntax:

| | |
|----------------|--|
| vsan | Encapsulation vsan |
| <i>vsan-id</i> | VSAN Id. Number range from=1 to=4093 |
| <i>WORD</i> | Tenant hosting the EPg (Max Size 63) |
| <i>WORD</i> | Application Name (Max Size 64) |
| epg | EPg that uses the statically enabled Encap |
| <i>WORD</i> | EPg that uses the statically enabled Encap (Max Size 64) |

Command Mode: interface vfc-po : VFC Port Channel interface

Command Path:

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface vfc-po <WORD> [fex <fex>]
(config-leaf-if)# switchport trunk allowed vsan <vsan-id> tenant <WORD> application <WORD>
epg <WORD>
```

switchport trunk allowed vsan <vsan-id> tenant <WORD> application <WORD> epg <WORD>

Description: Add an AEPg as static encap

Syntax:

| | |
|----------------|--|
| vsan | Encap vsan |
| <i>vsan-id</i> | VSAN Id. Number range from=1 to=4093 |
| <i>WORD</i> | Tenant hosting the EPg (Max Size 63) |
| <i>WORD</i> | Application Name (Max Size 64) |
| epg | EPg that uses the statically enabled Encap |
| <i>WORD</i> | EPg that uses the statically enabled Encap (Max Size 64) |

Command Mode: interface fc : FC Interface

Command Path:

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
```

```
(config-spine)# interface fc <ifRange>
(config-leaf-fc-if)# switchport trunk allowed vsan <vsan-id> tenant <WORD> application
<WORD> epg <WORD>
```

switchport trunk native vlan tenant application

switchport trunk native vlan <NUMBER> tenant <WORD> application <WORD> epg <WORD>

Description: Application Name

Syntax:

| | |
|----------|--|
| vlan | Encapsulation Vlan |
| <1-4094> | Encapsulation Vlan. Number range from=1 to=4094 |
| WORD | Tenant hosting the EPg (Max Size 63) |
| WORD | Application Name (Max Size 64) |
| epg | EPg that uses the statically enabled Encap |
| WORD | EPg that uses the statically enabled Encap (Max Size 64) |

Command Mode: template policy-group : Configure Policy Group Parameters

Command Path:

```
# configure [['terminal', 't']]
(config)# template policy-group <WORD>
(config-pol-grp-if)# switchport trunk native vlan <NUMBER> tenant <WORD> application <WORD>
epg <WORD>
```

switchport trunk native vlan <NUMBER> tenant <WORD> application <WORD> epg <WORD>

Description: Application Name

Syntax:

| | |
|----------|--|
| vlan | Encapsulation Vlan |
| <1-4094> | Encapsulation Vlan. Number range from=1 to=4094 |
| WORD | Tenant hosting the EPg (Max Size 63) |
| WORD | Application Name (Max Size 64) |
| epg | EPg that uses the statically enabled Encap |
| WORD | EPg that uses the statically enabled Encap (Max Size 64) |

Command Mode: template port-channel : Configure Port-Channel Parameters

Command Path:

```
# configure [['terminal', 't']]
(config)# template port-channel <WORD>
(config-po-ch-if)# switchport trunk native vlan <NUMBER> tenant <WORD> application <WORD>
```

epg <WORD>

switchport trunk native vlan <NUMBER> tenant <WORD> application <WORD> epg <WORD>

Description: Application hosting the AEPg

Syntax:

| | |
|----------|--|
| vlan | Native Vlan |
| <1-4094> | Native Vlan. Number range from=1 to=4094 |
| tenant | Tenant hosting the AEPg |
| WORD | Tenant hosting the AEPg (Max Size 63) |
| WORD | Application Name (Max Size 64) |
| epg | EPg that uses the statically enabled Encap |
| WORD | EPg that uses the statically enabled Encap (Max Size 64) |

Command Mode: interface ethernet : Ethernet IEEE 802.3z

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface ethernet <ifRange>
(config-leaf-if)# switchport trunk native vlan <NUMBER> tenant <WORD> application <WORD>
epg <WORD>
```

switchport trunk native vlan <NUMBER> tenant <WORD> application <WORD> epg <WORD>

Description: Application hosting the AEPg

Syntax:

| | |
|----------|--|
| vlan | Native Vlan |
| <1-4094> | Native Vlan. Number range from=1 to=4094 |
| tenant | Tenant hosting the AEPg |
| WORD | Tenant hosting the AEPg (Max Size 63) |
| WORD | Application Name (Max Size 64) |
| epg | EPg that uses the statically enabled Encap |
| WORD | EPg that uses the statically enabled Encap (Max Size 64) |

Command Mode: interface port-channel : Port Channel interface

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface port-channel <WORD> [fex <fex>]
(config-leaf-if)# switchport trunk native vlan <NUMBER> tenant <WORD> application <WORD>
epg <WORD>
```

switchport trunk native vlan <NUMBER> tenant <WORD> application <WORD> epg <WORD>

Description: Application hosting the AEPg

Syntax:

| | |
|----------|--|
| vlan | Native Vlan |
| <1-4094> | Native Vlan. Number range from=1 to=4094 |
| tenant | Tenant hosting the AEPg |
| WORD | Tenant hosting the AEPg (Max Size 63) |
| WORD | Application Name (Max Size 64) |
| epg | EPg that uses the statically enabled Encap |
| WORD | EPg that uses the statically enabled Encap (Max Size 64) |

Command Mode: interface ethernet : Ethernet IEEE 802.3z

Command Path:

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface ethernet <ifRange>
(config-leaf-if)# switchport trunk native vlan <NUMBER> tenant <WORD> application <WORD>
epg <WORD>
```

switchport trunk native vlan <NUMBER> tenant <WORD> application <WORD> epg <WORD>

Description: Application hosting the AEPg

Syntax:

| | |
|----------|--|
| vlan | Native Vlan |
| <1-4094> | Native Vlan. Number range from=1 to=4094 |
| tenant | Tenant hosting the AEPg |
| WORD | Tenant hosting the AEPg (Max Size 63) |
| WORD | Application Name (Max Size 64) |
| epg | EPg that uses the statically enabled Encap |
| WORD | EPg that uses the statically enabled Encap (Max Size 64) |

Command Mode: interface port-channel : Port Channel interface

Command Path:

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface port-channel <WORD> [fex <fex>]
(config-leaf-if)# switchport trunk native vlan <NUMBER> tenant <WORD> application <WORD>
epg <WORD>
```

switchport trunk native vlan <NUMBER> tenant <WORD> application <WORD> epg <WORD>

Description: Application hosting the AEPg

Syntax:

| | |
|----------|--|
| vlan | Native Vlan |
| <1-4094> | Native Vlan. Number range from=1 to=4094 |
| tenant | Tenant hosting the AEPg |
| WORD | Tenant hosting the AEPg (Max Size 63) |
| WORD | Application Name (Max Size 64) |
| epg | EPg that uses the statically enabled Encap |
| WORD | EPg that uses the statically enabled Encap (Max Size 64) |

Command Mode: interface : Provide VPC Name

Command Path:

```
# configure [['terminal', 't']]
(config)# vpc context leaf <101-4000> <101-4000> [fex <fex>]
(config-vpc)# interface vpc <WORD> [fex <fex>]
(config-vpc-if)# switchport trunk native vlan <NUMBER> tenant <WORD> application <WORD> epg
<WORD>
```

switchport trunk native vlan tenant external-svi

switchport trunk native vlan <NUMBER> tenant <WORD> external-svi [l3out] WORD

Description: Associate SVI to the L2 Trunk Interface

Syntax:

| | |
|----------|--|
| vlan | Native Vlan |
| <1-4094> | Native Vlan. Number range from=1 to=4094 |
| tenant | Tenant hosting the AEPg |
| WORD | Tenant hosting the AEPg (Max Size 63) |
| l3out | (Optional) Specify one or more l3extOut to add SVI interface |
| WORD | l3extOut Name |

Command Mode: interface ethernet : Ethernet IEEE 802.3z

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface ethernet <ifRange>
(config-leaf-if)# switchport trunk native vlan <NUMBER> tenant <WORD> external-svi [l3out]
WORD
```

switchport trunk native vlan <NUMBER> tenant <WORD> external-svi [l3out] WORD

Description: Associate Native Vlan to the L2 Trunk Interface as external SVI

Syntax:

| | |
|----------|--|
| vlan | Native Vlan |
| <1-4094> | Native Vlan. Number range from=1 to=4094 |
| tenant | Tenant hosting the AEPg |
| WORD | Tenant hosting the AEPg (Max Size 63) |
| l3out | (Optional) Specify one or more l3extOut to add SVI interface |
| WORD | l3extOut Name |

Command Mode: interface port-channel : Port Channel interface

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
```

```
(config-leaf)# interface port-channel <WORD> [fex <fex>]
(config-leaf-if)# switchport trunk native vlan <NUMBER> tenant <WORD> external-svi [l3out]
WORD
```

switchport trunk native vlan <NUMBER> tenant <WORD> external-svi [l3out] WORD

Description: Associate SVI to the L2 Trunk Interface

Syntax:

| | |
|----------|--|
| vlan | Native Vlan |
| <1-4094> | Native Vlan. Number range from=1 to=4094 |
| tenant | Tenant hosting the AEPg |
| WORD | Tenant hosting the AEPg (Max Size 63) |
| l3out | (Optional) Specify one or more l3extOut to add SVI interface |
| WORD | l3extOut Name |

Command Mode: interface ethernet : Ethernet IEEE 802.3z

Command Path:

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface ethernet <ifRange>
(config-leaf-if)# switchport trunk native vlan <NUMBER> tenant <WORD> external-svi [l3out]
WORD
```

switchport trunk native vlan <NUMBER> tenant <WORD> external-svi [l3out] WORD

Description: Associate Native Vlan to the L2 Trunk Interface as external SVI

Syntax:

| | |
|----------|--|
| vlan | Native Vlan |
| <1-4094> | Native Vlan. Number range from=1 to=4094 |
| tenant | Tenant hosting the AEPg |
| WORD | Tenant hosting the AEPg (Max Size 63) |
| l3out | (Optional) Specify one or more l3extOut to add SVI interface |
| WORD | l3extOut Name |

Command Mode: interface port-channel : Port Channel interface

Command Path:

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
```

```
(config-spine)# interface port-channel <WORD> [fex <fex>]
(config-leaf-if)# switchport trunk native vlan <NUMBER> tenant <WORD> external-svi [l3out]
WORD
```

switchport trunk native vlan <NUMBER> tenant <WORD> external-svi [l3out] WORD

Description: Associate SVI to Trunk L2 Interface

Syntax:

| | |
|----------|--|
| vlan | Native Vlan |
| <1-4094> | Native Vlan. Number range from=1 to=4094 |
| tenant | Tenant hosting the AEPg |
| WORD | Tenant hosting the AEPg (Max Size 63) |
| l3out | (Optional) Specify one or more l3extOut to add SVI interface |
| WORD | l3extOut Name |

Command Mode: interface : Provide VPC Name

Command Path:

```
# configure [['terminal', 't']]
(config)# vpc context leaf <101-4000> <101-4000> [fex <fex>]
(config-vpc)# interface vpc <WORD> [fex <fex>]
(config-vpc-if)# switchport trunk native vlan <NUMBER> tenant <WORD> external-svi [l3out]
WORD
```

switchport trunk qinq outer-vlan inner-vlan tenant application

switchport trunk qinq outer-vlan <NUMBER> inner-vlan <NUMBER> tenant <WORD> application <WORD> epg <WORD>

Description: Add an AEPg as static encap

Syntax:

| | |
|------------|--|
| outer-vlan | Encapsulation Outer Vlan |
| <1-4094> | Encapsulation Outer Vlan. Number range from=1 to=4094 |
| inner-vlan | Encapsulation Inner Vlan |
| <1-4094> | Encapsulation Inner Vlan. Number range from=1 to=4094 |
| WORD | Tenant hosting the EPg (Max Size 63) |
| WORD | Application Name (Max Size 64) |
| epg | EPg that uses the statically enabled Encap |
| WORD | EPg that uses the statically enabled Encap (Max Size 64) |

Command Mode: interface ethernet : Ethernet IEEE 802.3z

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface ethernet <ifRange>
(config-leaf-if)# switchport trunk qinq outer-vlan <NUMBER> inner-vlan <NUMBER> tenant
<WORD> application <WORD> epg <WORD>
```

switchport trunk qinq outer-vlan <NUMBER> inner-vlan <NUMBER> tenant <WORD> application <WORD> epg <WORD>

Description: Add an AEPg as static encap

Syntax:

| | |
|------------|---|
| outer-vlan | Encapsulation Outer Vlan |
| <1-4094> | Encapsulation Outer Vlan. Number range from=1 to=4094 |
| inner-vlan | Encapsulation Inner Vlan |
| <1-4094> | Encapsulation Inner Vlan. Number range from=1 to=4094 |
| WORD | Tenant hosting the EPg (Max Size 63) |
| WORD | Application Name (Max Size 64) |

| | |
|-------------|--|
| epg | EPg that uses the statically enabled Encap |
| <i>WORD</i> | EPg that uses the statically enabled Encap (Max Size 64) |

Command Mode: interface port-channel : Port Channel interface

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface port-channel <WORD> [fex <fex>]
(config-leaf-if)# switchport trunk qinq outer-vlan <NUMBER> inner-vlan <NUMBER> tenant
<WORD> application <WORD> epg <WORD>
```

switchport trunk qinq outer-vlan <NUMBER> inner-vlan <NUMBER> tenant <WORD> application <WORD> epg <WORD>

Description: Add an AEPg as static encap

Syntax:

| | |
|-------------|--|
| outer-vlan | Encapsulation Outer Vlan |
| <1-4094> | Encapsulation Outer Vlan. Number range from=1 to=4094 |
| inner-vlan | Encapsulation Inner Vlan |
| <1-4094> | Encapsulation Inner Vlan. Number range from=1 to=4094 |
| <i>WORD</i> | Tenant hosting the EPg (Max Size 63) |
| <i>WORD</i> | Application Name (Max Size 64) |
| epg | EPg that uses the statically enabled Encap |
| <i>WORD</i> | EPg that uses the statically enabled Encap (Max Size 64) |

Command Mode: interface ethernet : Ethernet IEEE 802.3z

Command Path:

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface ethernet <ifRange>
(config-leaf-if)# switchport trunk qinq outer-vlan <NUMBER> inner-vlan <NUMBER> tenant
<WORD> application <WORD> epg <WORD>
```

switchport trunk qinq outer-vlan <NUMBER> inner-vlan <NUMBER> tenant <WORD> application <WORD> epg <WORD>

Description: Add an AEPg as static encap

Syntax:

| | |
|------------|--------------------------|
| outer-vlan | Encapsulation Outer Vlan |
|------------|--------------------------|

| | |
|------------|--|
| <1-4094> | Encapsulation Outer Vlan. Number range from=1 to=4094 |
| inner-vlan | Encapsulation Inner Vlan |
| <1-4094> | Encapsulation Inner Vlan. Number range from=1 to=4094 |
| WORD | Tenant hosting the EPg (Max Size 63) |
| WORD | Application Name (Max Size 64) |
| epg | EPg that uses the statically enabled Encap |
| WORD | EPg that uses the statically enabled Encap (Max Size 64) |

Command Mode: interface port-channel : Port Channel interface

Command Path:

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface port-channel <WORD> [fex <fex>]
(config-leaf-if)# switchport trunk qinq outer-vlan <NUMBER> inner-vlan <NUMBER> tenant
<WORD> application <WORD> epg <WORD>
```

switchport trunk qinq outer-vlan <NUMBER> inner-vlan <NUMBER> tenant <WORD> application <WORD> epg <WORD>

Description: Add an AEPg as static encap

Syntax:

| | |
|------------|--|
| outer-vlan | Encapsulation Outer Vlan |
| <1-4094> | Encapsulation Outer Vlan. Number range from=1 to=4094 |
| inner-vlan | Encapsulation Inner Vlan |
| <1-4094> | Encapsulation Inner Vlan. Number range from=1 to=4094 |
| WORD | Tenant hosting the EPg (Max Size 63) |
| WORD | Application Name (Max Size 64) |
| epg | EPg that uses the statically enabled Encap |
| WORD | EPg that uses the statically enabled Encap (Max Size 64) |

Command Mode: interface : Provide VPC Name

Command Path:

```
# configure [['terminal', 't']]
(config)# vpc context leaf <101-4000> <101-4000> [fex <fex>]
(config-vpc)# interface vpc <WORD> [fex <fex>]
(config-vpc-if)# switchport trunk qinq outer-vlan <NUMBER> inner-vlan <NUMBER> tenant <WORD>
```

```
application <WORD> epg <WORD>
```


switchport vepa

switchport vepa enabled

Description: Switchport vepa configuration

Syntax:

| | |
|---------|--|
| enabled | |
|---------|--|

Command Mode: template policy-group : Configure Policy Group Parameters

Command Path:

```
# configure [['terminal', 't']]
(config)# template policy-group <WORD>
(config-pol-grp-if)# switchport vepa enabled
```

switchport vepa enabled

Description: Vepa configuration

Syntax:

| | |
|---------|--|
| enabled | |
|---------|--|

Command Mode: template port-channel : Configure Port-Channel Parameters

Command Path:

```
# configure [['terminal', 't']]
(config)# template port-channel <WORD>
(config-po-ch-if)# switchport vepa enabled
```

switchport vepa enabled

Description: Vepa configuration

Syntax:

| | |
|---------|--|
| enabled | |
|---------|--|

Command Mode: interface ethernet : Ethernet IEEE 802.3z

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface ethernet <ifRange>
(config-leaf-if)# switchport vepa enabled
```

switchport vepa enabled**Description:** Vepa Configuration**Syntax:**

| | |
|---------|--|
| enabled | |
|---------|--|

Command Mode: interface port-channel : Port Channel interface**Command Path:**

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface port-channel <WORD> [fex <fex>]
(config-leaf-if)# switchport vepa enabled
```

switchport vepa enabled**Description:** Vepa configuration**Syntax:**

| | |
|---------|--|
| enabled | |
|---------|--|

Command Mode: interface ethernet : Ethernet IEEE 802.3z**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface ethernet <ifRange>
(config-leaf-if)# switchport vepa enabled
```

switchport vepa enabled**Description:** Vepa Configuration**Syntax:**

| | |
|---------|--|
| enabled | |
|---------|--|

Command Mode: interface port-channel : Port Channel interface**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface port-channel <WORD> [fex <fex>]
(config-leaf-if)# switchport vepa enabled
```

switchport vepa enabled**Description:** Vepa Configuration**Syntax:**

| | |
|---------|--|
| enabled | |
|---------|--|

Command Mode: interface : Provide VPC Name

Command Path:

```
# configure [['terminal', 't']]
(config)# vpc context leaf <101-4000> <101-4000> [fex <fex>]
(config-vpc)# interface vpc <WORD> [fex <fex>]
(config-vpc-if)# switchport vepa enabled
```

switchport vlan

switchport vlan scope local

Description: Switchport vlan configuration

Syntax:

| | |
|-------|-------------|
| scope | |
| local | Local Scope |

Command Mode: template policy-group : Configure Policy Group Parameters

Command Path:

```
# configure [['terminal', 't']]
(config)# template policy-group <WORD>
(config-pol-grp-if)# switchport vlan scope local
```

switchport vlan scope local

Description:

Syntax:

| | |
|-------|-------------|
| scope | |
| local | Local Scope |

Command Mode: template port-channel : Configure Port-Channel Parameters

Command Path:

```
# configure [['terminal', 't']]
(config)# template port-channel <WORD>
(config-po-ch-if)# switchport vlan scope local
```

switchport vlan scope local

Description: L2 configuration

Syntax:

| | |
|-------|-------------|
| scope | |
| local | Local Scope |

Command Mode: interface ethernet : Ethernet IEEE 802.3z

Command Path:

```
# configure [['terminal', 't']]
```

```
(config)# leaf <101-4000>
(config-leaf)# interface ethernet <ifRange>
(config-leaf-if)# switchport vlan scope local
```

switchport vlan scope local

Description:

Syntax:

| | |
|-------|-------------|
| scope | |
| local | Local Scope |

Command Mode: interface port-channel : Port Channel interface

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface port-channel <WORD> [fex <fex>]
(config-leaf-if)# switchport vlan scope local
```

switchport vlan scope local

Description: L2 configuration

Syntax:

| | |
|-------|-------------|
| scope | |
| local | Local Scope |

Command Mode: interface ethernet : Ethernet IEEE 802.3z

Command Path:

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface ethernet <ifRange>
(config-leaf-if)# switchport vlan scope local
```

switchport vlan scope local

Description:

Syntax:

| | |
|-------|-------------|
| scope | |
| local | Local Scope |

Command Mode: interface port-channel : Port Channel interface

Command Path:

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface port-channel <WORD> [fex <fex>]
(config-leaf-if)# switchport vlan scope local
```

switchport vlan scope local

Description:

Syntax:

| | |
|-------|-------------|
| scope | |
| local | Local Scope |

Command Mode: interface : Provide VPC Name

Command Path:

```
# configure [['terminal', 't']]
(config)# vpc context leaf <101-4000> <101-4000> [fex <fex>]
(config-vpc)# interface vpc <WORD> [fex <fex>]
(config-vpc-if)# switchport vlan scope local
```

switchport vsan

switchport vsan <vsan-id> tenant <WORD> application <WORD> epg <WORD>

Description: Encapsulation vsan

Syntax:

| | |
|----------------|--|
| <i>vsan-id</i> | VSAN Id. Number range from=1 to=4093 |
| tenant | Tenant Name |
| <i>WORD</i> | Tenant hosting the EPg (Max Size 63) |
| application | Application Name |
| <i>WORD</i> | Application Name (Max Size 64) |
| epg | EPg that uses the statically enabled Encap |
| <i>WORD</i> | EPg that uses the statically enabled Encap (Max Size 64) |

Command Mode: interface vfc : Virtual Fiber Channel interface

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface vfc <ifRange>
(config-leaf-if)# switchport vsan <vsan-id> tenant <WORD> application <WORD> epg <WORD>
```

switchport vsan <vsan-id> tenant <WORD> application <WORD> epg <WORD>

Description: Encapsulation vsan

Syntax:

| | |
|----------------|--|
| <i>vsan-id</i> | VSAN Id. Number range from=1 to=4093 |
| tenant | Tenant Name |
| <i>WORD</i> | Tenant hosting the EPg (Max Size 63) |
| application | Application Name |
| <i>WORD</i> | Application Name (Max Size 64) |
| epg | EPg that uses the statically enabled Encap |
| <i>WORD</i> | EPg that uses the statically enabled Encap (Max Size 64) |

Command Mode: interface vfc-po : VFC Port Channel interface

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface vfc-po <WORD> [fex <fex>]
(config-leaf-if)# switchport vsan <vsan-id> tenant <WORD> application <WORD> epg <WORD>
```

switchport vsan <vsan-id> tenant <WORD> application <WORD> epg <WORD>

Description: Encapsulation vsan

Syntax:

| | |
|----------------|--|
| <i>vsan-id</i> | VSAN Id. Number range from=1 to=4093 |
| tenant | Tenant Name |
| <i>WORD</i> | Tenant hosting the EPg (Max Size 63) |
| application | Application Name |
| <i>WORD</i> | Application Name (Max Size 64) |
| epg | EPg that uses the statically enabled Encap |
| <i>WORD</i> | EPg that uses the statically enabled Encap (Max Size 64) |

Command Mode: interface fc : FC Interface

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface fc <ifRange>
(config-leaf-fc-if)# switchport vsan <vsan-id> tenant <WORD> application <WORD> epg <WORD>
```

switchport vsan <vsan-id> tenant <WORD> application <WORD> epg <WORD>

Description: Encapsulation vsan

Syntax:

| | |
|----------------|--|
| <i>vsan-id</i> | VSAN Id. Number range from=1 to=4093 |
| tenant | Tenant Name |
| <i>WORD</i> | Tenant hosting the EPg (Max Size 63) |
| application | Application Name |
| <i>WORD</i> | Application Name (Max Size 64) |
| epg | EPg that uses the statically enabled Encap |
| <i>WORD</i> | EPg that uses the statically enabled Encap (Max Size 64) |

Command Mode: interface vfc : Virtual Fiber Channel interface

Command Path:

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface vfc <ifRange>
(config-leaf-if)# switchport vsan <vsan-id> tenant <WORD> application <WORD> epg <WORD>
```

switchport vsan <vsan-id> tenant <WORD> application <WORD> epg <WORD>

Description: Encapsulation vsan

Syntax:

| | |
|----------------|--|
| <i>vsan-id</i> | VSAN Id. Number range from=1 to=4093 |
| tenant | Tenant Name |
| <i>WORD</i> | Tenant hosting the EPg (Max Size 63) |
| application | Application Name |
| <i>WORD</i> | Application Name (Max Size 64) |
| epg | EPg that uses the statically enabled Encap |
| <i>WORD</i> | EPg that uses the statically enabled Encap (Max Size 64) |

Command Mode: interface vfc-po : VFC Port Channel interface

Command Path:

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface vfc-po <WORD> [fex <fex>]
(config-leaf-if)# switchport vsan <vsan-id> tenant <WORD> application <WORD> epg <WORD>
```

switchport vsan <vsan-id> tenant <WORD> application <WORD> epg <WORD>

Description: Encapsulation vsan

Syntax:

| | |
|----------------|--|
| <i>vsan-id</i> | VSAN Id. Number range from=1 to=4093 |
| tenant | Tenant Name |
| <i>WORD</i> | Tenant hosting the EPg (Max Size 63) |
| application | Application Name |
| <i>WORD</i> | Application Name (Max Size 64) |
| epg | EPg that uses the statically enabled Encap |
| <i>WORD</i> | EPg that uses the statically enabled Encap (Max Size 64) |

Command Mode: interface fc : FC Interface

Command Path:

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface fc <ifRange>
(config-leaf-fc-if)# switchport vsan <vsan-id> tenant <WORD> application <WORD> epg <WORD>
```

switchport vsan tenant application

switchport vsan <NUMBER> **tenant** <WORD> **application** <WORD> **epg** <WORD>

Description: Application Name

Syntax:

| | |
|----------|--|
| <1-4094> | Access Vsan. Number range from=1 to=4094 |
| tenant | Tenant hosting the AEPg |
| WORD | Tenant hosting the AEPg (Max Size 63) |
| WORD | Application Name (Max Size 64) |
| epg | EPg that uses the statically enabled Encap |
| WORD | EPg that uses the statically enabled Encap (Max Size 64) |

Command Mode: interface : Provide VPC Name

Command Path:

```
# configure [['terminal', 't']]
(config)# vpc context leaf <101-4000> <101-4000> [fex <fex>]
(config-vpc)# interface vpc <WORD> [fex <fex>]
(config-vpc-if)# switchport vsan <NUMBER> tenant <WORD> application <WORD> epg <WORD>
```

syslog

syslog common

Description: Syslog common policy configuration mode

Syntax:

| | |
|--------|---|
| common | Syslog common policy configuration mode |
|--------|---|

Command Mode: configure : Configuration Mode

Command Path:

```
# configure [['terminal', 't']]
(config)# syslog common
```

system cluster-size

system cluster-size <NUMBER>

Description: Set APIC cluster size

Syntax:

| | |
|---------------------|--|
| <i><size></i> | size of the cluster to be set. Number range from=1 to=16 |
|---------------------|--|

Command Mode: configure : Configuration Mode

Command Path:

```
# configure [['terminal', 't']]
(config)# system cluster-size <NUMBER>
```

system controller-id

system controller-id <serial-number> approve|reject

Description: Configure Controller Id for controllers in fabric

Syntax:

| | |
|----------------------|--------------------------|
| <i>serial-number</i> | Controller serial number |
| approve | Approve controller |
| reject | Reject controller |

Command Mode: configure : Configuration Mode

Command Path:

```
# configure [['terminal', 't']]
(config)# system controller-id <serial-number> approve|reject
```

system dynamic-load-balance

system dynamic-load-balance mode

link-failure-resiliency|dynamic-aggressive|dynamic-conservative|packet-prioritization

Description: Configure dynamic load balancer

Syntax:

| | |
|-------------------------|------------------------------|
| mode | Dynamic load balancer mode |
| link-failure-resiliency | Link failure resiliency mode |
| dynamic-aggressive | Aggressive dynamic mode |
| dynamic-conservative | Conservative dynamic mode |
| packet-prioritization | Packet prioritization mode |

Command Mode: configure : Configuration Mode

Command Path:

```
# configure [['terminal', 't']]
(config)# system dynamic-load-balance mode
link-failure-resiliency|dynamic-aggressive|dynamic-conservative|packet-prioritization
```

system enforce-subnet-check

system enforce-subnet-check

Description: Enforce subnet check on all VRFs

Command Mode: configure : Configuration Mode

Command Path:

```
# configure [['terminal', 't']]  
(config)# system enforce-subnet-check
```


system fabric-security-mode

system fabric-security-mode <mode>

Description: Set strict/permissive mode for ACI Fabric Internode Authentication

Syntax:

| | |
|---------------------------|---|
| <code><mode></code> | Security mode as comma separated values like val1,val2,..valN |
|---------------------------|---|

Command Mode: configure : Configuration Mode

Command Path:

```
# configure [['terminal', 't']]
(config)# system fabric-security-mode <mode>
```

system jumbomtu

system jumbomtu <NUMBER>

Description: MTU size for Host Facing ports

Syntax:

| | |
|------------|---|
| <576-9216> | Enter jumbomtu. Number range from=576 to=9216 |
|------------|---|

Command Mode: configure : Configuration Mode

Command Path:

```
# configure [['terminal', 't']]
(config)# system jumbomtu <NUMBER>
```

system pod

system pod <NUMBER> tep-pool <A.B.C.D/LEN>

Description: POD in the fabric

Syntax:

| | |
|----------------------|---|
| <i><1-255></i> | POD ID. Number range from=1 to=255 |
| tep-pool | Tunnel Endpoint IP Address Pool |
| <i>A.B.C.D/LEN</i> | Unicast IP prefix and network mask length in format x.x.x.x/m |

Command Mode: configure : Configuration Mode

Command Path:

```
# configure [['terminal', 't']]
(config)# system pod <NUMBER> tep-pool <A.B.C.D/LEN>
```

system remote-leaf-site

system remote-leaf-site <NUMBER> pod <pod> tep-pool <A.B.C.D/LEN>

Description: Remote Leaf Site in the fabric

Syntax:

| | |
|-------------|---|
| <1-255> | SITE ID. Number range from=1 to=255 |
| pod | Pod Id |
| pod | pod. Number range from=0 to=9223372036854775807 |
| tep-pool | Tunnel Endpoint IP Address Pool |
| A.B.C.D/LEN | Unicast IP prefix and network mask length in format x.x.x.x/m |

Command Mode: configure : Configuration Mode

Command Path:

```
# configure [['terminal', 't']]
(config)# system remote-leaf-site <NUMBER> pod <pod> tep-pool <A.B.C.D/LEN>
```

system switch-id

system switch-id <serial-number> <node-Id> <WORD> [pod <arg>] [role <arg>] [remote-leaf-site <1-255>] [node-type <arg>]

Description: Configure Node Id for switches in fabric

Syntax:

| | |
|------------------------------|---|
| <i><serial-number></i> | Switch serial number |
| <i>node-Id</i> | Switch ID. Number range from=101 to=4000 |
| <i>WORD</i> | Switch name |
| <i>arg</i> | (Optional) Pod Id of the the node. Default value is 1. Number range from=1 to=9 |
| <i>arg</i> | (Optional) Role of Node - leaf or spine. Default is unspecified |
| <i><1-255></i> | (Optional) SITE ID |
| <i>arg</i> | (Optional) Type of Node only applicable for leaf. Default is unspecified |

Command Mode: configure : Configuration Mode

Command Path:

```
# configure [['terminal', 't']]
(config)# system switch-id <serial-number> <node-Id> <WORD> [pod <>] [role <>]
[remote-leaf-site <1-255>] [node-type <>]
```

system use-infra-gipo

system use-infra-gipo enable

Description: Multicast Group IP Policy Mode for Tunnel Outer Header

Syntax:

| | |
|--------|--|
| enable | Multicast Group IP Policy Mode for Tunnel Outer Header |
|--------|--|

Command Mode: configure : Configuration Mode

Command Path:

```
# configure [['terminal', 't']]  
(config)# system use-infra-gipo enable
```