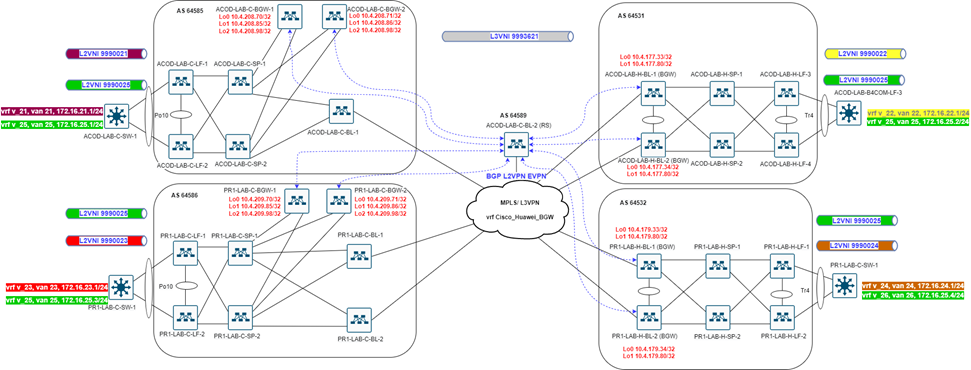


Конфигурация для L3VNI

|  |  |
| --- | --- |
| ACOD-LAB-C-LF-1 | ACOD-LAB-H-LF-3 |
| nv overlay evpn  feature ospf  feature bgp  feature pim  feature interface-vlan  feature vn-segment-vlan-based  feature lacp  feature vpc  feature lldp  feature bfd  feature nv overlay  bfd interval 250 min\_rx 250 multiplier 3  fabric forwarding anycast-gateway-mac aabb.ccdd.eeff  ip pim rp-address 10.4.208.80 group-list 239.255.0.0/24  ip pim ssm range 232.0.0.0/8  ip pim bfd  ip igmp snooping vxlan  ip igmp snooping disable-nve-static-router-port  vlan 21,3621,3967  vlan 21  name CH  vn-segment 9990021  vlan 3621  name L3\_CH  vn-segment 9993621  vlan 3967  name L3\_vPC  route-map RM-PERMIT-ALL permit 10  vrf context Cisco\_Huawei  vni 9993621  address-family ipv4 unicast  route-target both auto  route-target both auto evpn  vpc domain 901  peer-switch  role priority 10  system-priority 10  peer-keepalive destination 10.5.64.13 source 10.5.64.12  delay restore 120  peer-gateway  auto-recovery  delay restore interface-vlan 150  fast-convergence  ip arp synchronize  interface Vlan21  no shutdown  mtu 9216  vrf member Cisco\_Huawei  no ip redirects  ip address 172.16.21.254/24 tag 21  no ipv6 redirects  fabric forwarding mode anycast-gateway  interface Vlan3621  no shutdown  mtu 9216  vrf member Cisco\_Huawei  no ip redirects  ip forward  no ipv6 redirects  interface Vlan3967  description Vlan3967 [2][SVI]  no shutdown  mtu 9216  no bfd echo  no ip redirects  ip address 10.4.208.26/31  no ipv6 redirects  ip ospf authentication message-digest  ip ospf message-digest-key 1 md5 3 523ef5c7f61535a855f01f81bc5d6fea  ip ospf network point-to-point  no ip ospf passive-interface  ip router ospf UNDERLAY area 0.0.0.0  ip ospf bfd  ip pim bfd-instance  ip pim sparse-mode  interface port-channel10  description TEST  switchport  switchport mode trunk  switchport trunk native vlan 999  switchport trunk allowed vlan 21  spanning-tree port type edge trunk  spanning-tree bpduguard enable  mtu 9216  storm-control broadcast level 0.10  storm-control multicast level 0.17  storm-control action shutdown  no lacp graceful-convergence  vpc 10  interface port-channel4000  description ACOD-LAB-C-LF10-2\_Po4000 [1][VPL]  switchport  switchport mode trunk  switchport trunk native vlan 999  spanning-tree port type network  vpc peer-link  interface nve1  no shutdown  description VTEP [1][NVE]  host-reachability protocol bgp  advertise virtual-rmac  source-interface loopback1  member vni 9990021  mcast-group 239.255.0.21  member vni 9993621 associate-vrf  interface Ethernet1/48  description ACOD-LAB-C-SW-1\_Ten1/49  switchport  switchport mode trunk  switchport trunk native vlan 999  switchport trunk allowed vlan 21  mtu 9216  storm-control broadcast level 0.10  storm-control multicast level 0.17  storm-control action shutdown  channel-group 10 mode active  no shutdown  interface Ethernet1/49  description ACOD-LAB-C-SPINE-1\_Eth1/1 [2][L3]  mtu 9216  no ip redirects  ip address 10.4.208.3/31  no ipv6 redirects  ip ospf authentication message-digest  ip ospf message-digest-key 1 md5 3 523ef5c7f61535a855f01f81bc5d6fea  ip ospf network point-to-point  no ip ospf passive-interface  ip router ospf UNDERLAY area 0.0.0.0  ip ospf bfd  ip pim bfd-instance  ip pim sparse-mode  no shutdown  interface Ethernet1/50  description ACOD-LAB-C-SPINE-2\_Eth1/1 [2][L3]  mtu 9216  no ip redirects  ip address 10.4.208.5/31  no ipv6 redirects  ip ospf authentication message-digest  ip ospf message-digest-key 1 md5 3 523ef5c7f61535a855f01f81bc5d6fea  ip ospf network point-to-point  no ip ospf passive-interface  ip router ospf UNDERLAY area 0.0.0.0  ip ospf bfd  ip pim bfd-instance  ip pim sparse-mode  no shutdown  interface Ethernet1/53  description ACOD-LAB-C-LF10-2\_Eth1/53 [2][VPL]  switchport  switchport mode trunk  switchport trunk native vlan 999  channel-group 4000 mode active  no shutdown  interface Ethernet1/54  description ACOD-LAB-C-LF10-2\_Eth1/54 [2][VPL]  switchport  switchport mode trunk  switchport trunk native vlan 999  channel-group 4000 mode active  no shutdown  interface loopback0  description RTID0 [1][LOOP]  ip address 10.4.208.66/32  ip router ospf UNDERLAY area 0.0.0.0  ip pim sparse-mode  interface loopback1  description RTID1 [1][LOOP]  ip address 10.4.208.81/32  ip address 10.4.208.96/32 secondary  ip router ospf UNDERLAY area 0.0.0.0  ip pim sparse-mode  router ospf UNDERLAY  bfd  router-id 10.4.208.66  log-adjacency-changes  timers throttle spf 10 100 5000  timers lsa-arrival 80  timers throttle lsa 10 100 5000  auto-cost reference-bandwidth 1000 Gbps  router bgp 64585  router-id 10.4.208.66  log-neighbor-changes  address-family l2vpn evpn  maximum-paths ibgp 2  template peer SPINE-PEERS  remote-as 64585  password 3 f0b4a69411469dd78b19d4f778f4bcab  update-source loopback0  timers 10 30  address-family l2vpn evpn  send-community  send-community extended  neighbor 10.4.208.64  inherit peer SPINE-PEERS  description ACOD-LAB-C-SPINE-1  neighbor 10.4.208.65  inherit peer SPINE-PEERS  description ACOD-LAB-C-SPINE-2  vrf Cisco\_Huawei  address-family ipv4 unicast  redistribute direct route-map RM-PERMIT-ALL  maximum-paths 2 | dfs-group 1  priority 120  source ip 10.5.6.138 vpn-instance MGMT peer 10.5.6.139  m-lag up-delay 420 auto-recovery interval 10  #  stp bridge-address 30e9-8ef9-60c1  stp mode rstp  stp v-stp enable  stp instance 0 root primary  stp tc-protection  #  evpn-overlay enable  #  router id 10.4.177.3  #  ip vpn-instance Cisco\_Huawei  ipv4-family  route-distinguisher 10.4.177.3:3621  vpn-target 64531:9993621 export-extcommunity  vpn-target 64531:9993621 export-extcommunity evpn  vpn-target 64531:9993621 import-extcommunity  vpn-target 64531:9993621 import-extcommunity evpn  vxlan vni 9993621  #  bfd  #  bridge-domain 9990022  vxlan vni 9990022  #  evpn  route-distinguisher 10.4.177.3:22  vpn-target auto export-extcommunity  vpn-target auto import-extcommunity  #  interface Vbdif9990022  ip binding vpn-instance Cisco\_Huawei  ip address 172.16.22.254 255.255.255.0  mac-address **aabb-ccdd-eeff**  vxlan anycast-gateway enable  arp collect host enable  #  interface Vlanif4000  description ### Escape link ###  ip address 10.4.176.132 255.255.255.254  ospf network-type p2p  #  interface Eth-Trunk0  description ### 200G Peerlink ###  mode lacp-static  peer-link 1  #  interface Eth-Trunk4  set flow-stat interval 10  port link-type trunk  stp bpdu-filter enable  stp edged-port enable  mode lacp-static  dfs-group 1 m-lag 4  #  interface Eth-Trunk4.22 mode l2  encapsulation dot1q vid 22  bridge-domain 9990022  #  interface 25GE1/0/4  eth-trunk 4  device transceiver 10GBASE-FIBER  port mode 10G  #  interface 100GE1/0/1  undo portswitch  mtu 9600  description ### 100G link to SPINE-1 ###  protocol up-delay-time 60  ip address 10.4.176.15 255.255.255.254  ospf network-type p2p  ospf peer hold-max-cost timer 360000  jumboframe enable 9600  device transceiver 100GBASE-FIBER  #  interface 100GE1/0/2  undo portswitch  mtu 9600  description ### 100G link to SPINE-2 ###  protocol up-delay-time 60  ip address 10.4.176.75 255.255.255.254  ospf network-type p2p  ospf peer hold-max-cost timer 360000  jumboframe enable 9600  device transceiver 100GBASE-FIBER  #  interface 100GE1/0/5  description ### 100G Peer-link ###  eth-trunk 0  device transceiver 100GBASE-COPPER  #  interface 100GE1/0/6  description ### 100G Peer-link ###  eth-trunk 0  device transceiver 100GBASE-COPPER  #  interface LoopBack0  description ### Router-ID ###  ip address 10.4.177.3 255.255.255.255  #  interface LoopBack1  description ### VTEP IP ###  ip address 10.4.177.65 255.255.255.255  #  interface Nve1  source 10.4.177.65  vni 9990022 head-end peer-list protocol bgp  mac-address 0000-5e00-0101  #  bgp 64531  router-id 10.4.177.3  graceful-restart  advertise lowest-priority all-address-family peer-up delay 300  graceful-restart peer-reset  group overlay internal  peer overlay connect-interface LoopBack0  peer overlay bfd min-tx-interval 1000 min-rx-interval 1000  peer overlay bfd enable  peer 10.4.177.41 as-number 64531  peer 10.4.177.41 group overlay  peer 10.4.177.42 as-number 64531  peer 10.4.177.42 group overlay  #  ipv4-family unicast  undo peer overlay enable  undo peer 10.4.177.41 enable  undo peer 10.4.177.42 enable  #  ipv4-family vpn-instance Cisco\_Huawei  import-route direct  maximum load-balancing 32  advertise l2vpn evpn  #  l2vpn-family evpn  policy vpn-target  peer overlay enable  peer overlay advertise irb  peer 10.4.177.41 enable  peer 10.4.177.41 group overlay  peer 10.4.177.42 enable  peer 10.4.177.42 group overlay  #  ospf 1  bfd all-interfaces enable  bfd all-interfaces min-tx-interval 50 min-rx-interval 50  lsa-arrival-interval intelligent-timer 50 50 50  opaque-capability enable  graceful-restart  area 0.0.0.0  authentication-mode hmac-sha256 1 cipher %^%#9W,HNv5wa~YG,d+23[kUN(/dC19eK6,y$-/)ki[5%^%#  network 10.4.176.0 0.0.1.255  network 10.4.178.132 0.0.0.3 |
| ACOD-LAB-C-BGW-1 | ACOD-LAB-H-BL-1 |
| nv overlay evpn  feature ospf  feature bgp  feature pim  feature interface-vlan  feature vn-segment-vlan-based  feature lacp  feature lldp  feature bfd  feature nv overlay  evpn multisite border-gateway 20  delay-restore time 500  ip pim rp-address 10.4.208.80 group-list 239.255.0.0/24  ip pim ssm range 232.0.0.0/8  ip pim bfd  ip igmp snooping vxlan  ip igmp snooping disable-nve-static-router-port  evpn storm-control broadcast level 1  evpn storm-control multicast level 2  vlan 3621  vlan 3621  name L3\_CH  vn-segment 9993621  route-map RM-REDIST-SUBNET-VRF-Cisco\_Huawei permit 10  match tag 21  vrf context Cisco\_Huawei  vni 9993621  rd 10.4.208.85:3621  address-family ipv4 unicast  route-target both auto  route-target both auto evpn  interface Vlan3621  no shutdown  mtu 9216  vrf member Cisco\_Huawei  no ip redirects  ip forward  no ipv6 redirects  interface nve1  no shutdown  description VTEP [1][NVE]  host-reachability protocol bgp  source-interface loopback1  multisite border-gateway interface loopback2  member vni 9993621 associate-vrf  interface Ethernet1/49  description ACOD-LAB-C-SPINE-1\_Eth1/36 [2][L3]  mtu 9216  no ip redirects  ip address 10.4.208.19/31  no ipv6 redirects  ip ospf authentication message-digest  ip ospf message-digest-key 1 md5 3 523ef5c7f61535a855f01f81bc5d6fea  ip ospf network point-to-point  no ip ospf passive-interface  ip router ospf UNDERLAY area 0.0.0.0  ip ospf bfd  ip pim bfd-instance  ip pim sparse-mode  no shutdown  evpn multisite fabric-tracking  interface Ethernet1/50  description ACOD-LAB-C-SPINE-2\_Eth1/36 [2][L3]  mtu 9216  no ip redirects  ip address 10.4.208.21/31  no ipv6 redirects  ip ospf authentication message-digest  ip ospf message-digest-key 1 md5 3 523ef5c7f61535a855f01f81bc5d6fea  ip ospf network point-to-point  no ip ospf passive-interface  ip router ospf CISCO\_HUAWEI area 0.0.0.0  ip ospf bfd  no shutdown  evpn multisite dci-tracking  interface loopback0  description RTID0 [1][LOOP]  ip address 10.4.208.70/32 tag 10  ip router ospf UNDERLAY area 0.0.0.0  ip pim sparse-mode  interface loopback1  description RTID1 [1][LOOP]  ip address 10.4.208.85/32 tag 10  ip router ospf UNDERLAY area 0.0.0.0  ip pim sparse-mode  interface loopback2  description RTID2 [1][LOOP]  ip address 10.4.208.98/32 tag 10  ip router ospf UNDERLAY area 0.0.0.0  **interface loopback21**  **vrf member Cisco\_Huawei**  **ip address 172.16.221.1/32 tag 21**  router ospf CISCO\_HUAWEI  bfd  router-id 10.4.208.70  redistribute direct route-map RM-RED-BGP-TO-OSPF-CISCO-HUAWEI  log-adjacency-changes  timers throttle spf 10 100 5000  timers lsa-arrival 80  timers throttle lsa 10 100 5000  auto-cost reference-bandwidth 1000 Gbps  router ospf UNDERLAY  bfd  router-id 10.4.208.70  log-adjacency-changes  timers throttle spf 10 100 5000  timers lsa-arrival 80  timers throttle lsa 10 100 5000  auto-cost reference-bandwidth 1000 Gbps  router bgp 64585  router-id 10.4.208.70  log-neighbor-changes  address-family ipv4 unicast  redistribute direct route-map RM\_DEFAULT\_REDIST\_DIRECT\_TO\_BGP  maximum-paths 2  address-family l2vpn evpn  maximum-paths ibgp 2  template peer SPINE-PEERS  remote-as 64585  password 3 f0b4a69411469dd78b19d4f778f4bcab  update-source loopback0  timers 10 30  address-family l2vpn evpn  send-community  send-community extended  neighbor 10.4.208.64  inherit peer SPINE-PEERS  description ACOD-LAB-C-SPINE-1  neighbor 10.4.208.69  remote-as 64589  update-source loopback0  ebgp-multihop 10  timers 10 30  peer-type fabric-external  address-family l2vpn evpn  send-community  send-community extended  rewrite-evpn-rt-asn    vrf Cisco\_Huawei  address-family ipv4 unicast  **redistribute direct route-map RM-REDIST-SUBNET-VRF-Cisco\_Huawei** | dfs-group 1  authentication-mode hmac-sha256 password %+%##!!!!!!!!!"!!!!$!!!!\*!!!!{>aW23\_y#KnDakAFt9+51RH`/:I,M0$k22-!!!!!2jp5!!!!!!=!!!!uN+KUE,[|5e9$>PY7PC~A\_\_+:Bxrj!w}\_AR!!!!!%+%#  dual-active detection source ip 10.5.64.36 vpn-instance \_management\_vpn\_ peer 10.5.64.37  priority 150  dual-active detection delay 0  #  vlan batch 4000  #  stp bridge-address c8b6-d39a-da01  stp mode rstp  stp v-stp enable  stp instance 0 root primary  stp tc-protection  #  evpn-overlay enable  #  router id 10.4.177.33  #  evpn  mac-duplication  #  ip vpn-instance Cisco\_Huawei  ipv4-family  route-distinguisher 10.4.177.33:3621  vpn-target 64531:9993621 export-extcommunity  vpn-target 64531:9993621 export-extcommunity evpn  vpn-target 64531:9993621 import-extcommunity  vpn-target 64531:9993621 import-extcommunity evpn  vxlan vni 9993621  #  ip vpn-instance \_management\_vpn\_  ipv4-family  #  bfd  #  vlan 4000  #  interface Vlanif4000  description ### Escape link ###  ip address 10.4.176.100 255.255.255.254  ospf network-type p2p  #  interface MEth0/0/0  ip binding vpn-instance \_management\_vpn\_  ip address 10.5.64.36 255.255.255.0  #  interface Eth-Trunk0  description ### 200G Peerlink ###  set flow-stat interval 10  mode lacp-static  peer-link 1  #  interface 100GE1/0/1  undo portswitch  mtu 9216  description ### 100G link to SP-1 ###  protocol up-delay-time 60  ip address 10.4.176.19 255.255.255.254  ospf network-type p2p  ospf peer hold-max-cost timer 360000  device transceiver 100GBASE-FIBER  #  interface 100GE1/0/2  undo portswitch  mtu 9216  description ### 100G link to SP-2 ###  protocol up-delay-time 60  ip address 10.4.176.23 255.255.255.254  ospf network-type p2p  ospf peer hold-max-cost timer 360000  device transceiver 100GBASE-FIBER  #  interface 100GE1/0/3  undo portswitch  mtu 9100  description ACOD-LAB-MTC-H-PE-1\_100GE0/1/40  ip address 10.4.177.100 255.255.255.254  device transceiver 100GBASE-FIBER  #  interface 100GE1/0/4  undo portswitch  mtu 9100  description ACOD-LAB-MTC-H-PE-2\_100GE0/1/40  ip address 10.4.177.102 255.255.255.254  device transceiver 100GBASE-FIBER  #  interface 100GE1/0/31  description ### 100G Peer-link ###  eth-trunk 0  device transceiver 100GBASE-FIBER  #  interface 100GE1/0/32  description ### 100G Peer-link ###  eth-trunk 0  device transceiver 100GBASE-FIBER  #  interface LoopBack0  description ### Router-ID ###  ip address 10.4.177.33 255.255.255.255  #  interface LoopBack1  description ### VTEP IP ###  ip address 10.4.177.80 255.255.255.255  #  interface Nve1  source 10.4.177.80  mac-address 0000-5e00-0101  #  bgp 64531  router-id 10.4.177.33  graceful-restart  advertise lowest-priority all-address-family peer-up delay 300  graceful-restart peer-reset  private-4-byte-as disable  peer 10.4.177.101 as-number 64590  peer 10.4.177.101 password simple Cisco\_Huawei  peer 10.4.177.101 bfd min-tx-interval 300 min-rx-interval 300  peer 10.4.177.101 bfd enable  peer 10.4.177.103 as-number 64590  peer 10.4.177.103 password simple Cisco\_Huawei  peer 10.4.177.103 bfd min-tx-interval 300 min-rx-interval 300  peer 10.4.177.103 bfd enable  peer 10.4.208.69 as-number 64589  peer 10.4.208.69 ebgp-max-hop 5  peer 10.4.208.69 timer keepalive 10 hold 30  peer 10.4.208.69 connect-interface LoopBack0  peer 10.4.208.70 as-number 64585    group escape-link internal  peer escape-link connect-interface LoopBack0  peer escape-link bfd min-tx-interval 50 min-rx-interval 50  peer escape-link bfd enable  peer 10.4.177.34 as-number 64531  peer 10.4.177.34 group escape-link  group overlay internal  peer overlay connect-interface LoopBack0  peer overlay bfd min-tx-interval 1000 min-rx-interval 1000  peer overlay bfd enable  peer 10.4.177.41 as-number 64531  peer 10.4.177.41 group overlay  peer 10.4.177.42 as-number 64531  peer 10.4.177.42 group overlay  #  ipv4-family unicast  import-route ospf 1 route-policy RMAP-REDIST-OSPF-TO-BGP-BL-CISCO  maximum load-balancing ebgp 2  undo peer overlay enable  undo peer 10.4.177.41 enable  undo peer 10.4.177.42 enable  undo peer 10.4.208.69 enable  peer 10.4.177.101 enable  peer 10.4.177.101 advertise-community  peer 10.4.177.101 advertise-ext-community  peer 10.4.177.103 enable  peer 10.4.177.103 advertise-community  peer 10.4.177.103 advertise-ext-community  peer escape-link enable  peer 10.4.177.34 enable  peer 10.4.177.34 group escape-link  #  l2vpn-family evpn  policy vpn-target  peer 10.4.208.69 enable  **peer 10.4.208.69 route-policy RM-REWRITE-RT import**  peer 10.4.208.69 advertise arp  **peer 10.4.208.69 split-group dci**  peer 10.4.208.69 advertise-community  peer 10.4.208.69 import reoriginate  peer 10.4.208.69 advertise route-reoriginated evpn mac-ip  peer 10.4.208.69 advertise route-reoriginated evpn mac  peer 10.4.208.69 advertise route-reoriginated evpn ip    peer overlay enable  peer overlay advertise irb  peer overlay advertise-community  peer overlay import reoriginate  peer overlay advertise route-reoriginated evpn mac-ip  peer overlay advertise route-reoriginated evpn mac  peer overlay advertise route-reoriginated evpn ip  peer 10.4.177.41 enable  peer 10.4.177.41 group overlay  peer 10.4.177.42 enable  peer 10.4.177.42 group overlay  #  ospf 1  bfd all-interfaces enable  bfd all-interfaces min-tx-interval 50 min-rx-interval 50  import-route bgp  silent-interface all  undo silent-interface Vlanif4000  undo silent-interface 100GE1/0/1  undo silent-interface 100GE1/0/2  lsa-arrival-interval intelligent-timer 50 50 50  opaque-capability enable  graceful-restart  area 0.0.0.0  authentication-mode hmac-sha256 1 cipher %+%##!!!!!!!!!"!!!!$!!!!\*!!!!{>aW23\_y#K+rGa1-ca+Oih4eLM68P0;&rhO!!!!!2jp5!!!!!!;!!!!PJI6\*K;5Q.HI\_@!S+YxR%4QJC\*m{s3|^R]H!!!!!%+%#  network 10.4.176.0 0.0.1.255  #  route-policy RM-REWRITE-RT permit node 10  if-match extcommunity-filter VNI\_3621  apply comm-filter VNI\_3621\_ delete  apply extcommunity rt 64531:9993621  #  ip community-filter advanced VNI\_3621\_ index 5 permit 64589:9993621  ip extcommunity-filter advanced VNI\_3621 index 5 permit 64589:9993621  #  route-policy RMAP-REDIST-OSPF-TO-BGP-BL-CISCO permit node 10  if-match ip-prefix PL-UNDERLAY-BL-CISCO  #  ip ip-prefix PL-UNDERLAY-BL-CISCO index 5 permit 10.4.177.31 32  ip ip-prefix PL-UNDERLAY-BL-CISCO index 10 permit 10.4.177.32 32  ip ip-prefix PL-UNDERLAY-BL-CISCO index 15 permit 10.4.177.79 32  ip ip-prefix PL-UNDERLAY-BL-CISCO index 20 permit 10.4.177.80 32  ip ip-prefix PL-UNDERLAY-BL-CISCO index 25 permit 10.4.177.33 32  ip ip-prefix PL-UNDERLAY-BL-CISCO index 30 permit 10.4.177.34 32 |
| ACOD-LAB-C-BL-2 (RS) |  |
| router bgp 64589  router-id 10.4.208.69  log-neighbor-changes  address-family l2vpn evpn  retain route-target all  template peer DCI-BGW-EVPN-PEERS  update-source loopback0  ebgp-multihop 10  timers 10 30  address-family l2vpn evpn  send-community  send-community extended  route-map RM\_DEFAULT\_SET\_NH-UNCHANGED out  rewrite-evpn-rt-asn  neighbor 10.4.177.33  inherit peer DCI-BGW-EVPN-PEERS  remote-as 64531  description ACOD-LAB-H-BL-1  neighbor 10.4.177.34  inherit peer DCI-BGW-EVPN-PEERS  remote-as 64531  description ACOD-LAB-H-BL-1  neighbor 10.4.179.33  inherit peer DCI-BGW-EVPN-PEERS  remote-as 64532  description PR1-LAB-H-BL-1  neighbor 10.4.179.34  inherit peer DCI-BGW-EVPN-PEERS  remote-as 64532  description PR1-LAB-H-BL-2  neighbor 10.4.208.70  inherit peer DCI-BGW-EVPN-PEERS  remote-as 64585  description ACOD-LAB-C-BGW-1  neighbor 10.4.208.71  inherit peer DCI-BGW-EVPN-PEERS  remote-as 64585  description ACOD-LAB-C-BGW-2  neighbor 10.4.209.70  inherit peer DCI-BGW-EVPN-PEERS  remote-as 64586  description PR1-LAB-C-BGW-1  neighbor 10.4.209.71  inherit peer DCI-BGW-EVPN-PEERS  remote-as 64586  description PR1-LAB-C-BGW-2 |  |



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| --- | --- |
| ACOD-LAB-C-LF-1 | ACOD-LAB-H-LF-3 |
| vlan 25  vlan 25  name CH  vn-segment 9990025  interface Vlan25  no shutdown  mtu 9216  vrf member Cisco\_Huawei  no ip redirects  ip address 172.16.25.254/24 tag 21  no ipv6 redirects  fabric forwarding mode anycast-gateway  interface port-channel10  switchport trunk allowed vlan add 25    interface nve1  member vni 9990025  mcast-group 239.255.0.25 | bridge-domain 9990025  vxlan vni 9990025  #  evpn  route-distinguisher 10.4.177.3:25  vpn-target 64531:9990025 export-extcommunity  vpn-target 64531:9993621 export-extcommunity  vpn-target 64531:9990025 import-extcommunity  #  interface Vbdif9990025  ip binding vpn-instance Cisco\_Huawei  ip address 172.16.25.254 255.255.255.0  mac-address **aabb-ccdd-eeff**  vxlan anycast-gateway enable  arp collect host enable  **arp direct-route enable**  #  interface Eth-Trunk4.25 mode l2  encapsulation dot1q vid 25  bridge-domain 9990025  #  interface Nve1  vni 9990025 head-end peer-list protocol bgp |
| ACOD-LAB-C-BGW-1 | ACOD-LAB-H-BL-1 |
| vlan 25  vlan 25  name CH  vn-segment 9990025  interface Vlan25  no shutdown  mtu 9216  vrf member Cisco\_Huawei  no ip redirects  ip address 172.16.25.254/24 tag 21  no ipv6 redirects  fabric forwarding mode anycast-gateway  interface nve1  member vni 9990025  mcast-group 239.255.0.25  multisite ingress-replication | bridge-domain 9990025  vxlan vni 9990025  #  evpn  route-distinguisher 10.4.177.33:25  vpn-target 64531:9990025 export-extcommunity  vpn-target 64531:9990025 import-extcommunity  #  interface Vbdif9990025  ip binding vpn-instance Cisco\_Huawei  ip address 172.16.25.254 255.255.255.0  mac-address **aabb-ccdd-eeff**  vxlan anycast-gateway enable  arp collect host enable  #  interface Nve1  vni 9990025 head-end peer-list protocol bgp  #  route-policy RM-REWRITE-RT permit node 20  if-match extcommunity-filter VNI2\_25  apply comm-filter VNI2\_25\_ delete  apply extcommunity rt 64531:9990025  #  ip community-filter advanced VNI2\_25\_ index 5 permit 64589:9990025  ip extcommunity-filter advanced VNI2\_25 index 5 permit 64589:9990025 |