```
Last login: Mon Oct 13 07:15:51 2025 from ::1

03:39 greg@xcf16 ~ ?
03:39 greg@xcf16 ~ ? res
Script started, output file is /Users/f16/16sessions/251014-033931-term-session.session
03:39 greg@xcf16 ~ ?
03:39 greg@xcf16 ~ ?
03:39 greg@xcf16 ~ ?
03:39 greg@xcf16 ~ ?
03:39 greg@xcf16 ~ ? ssh 172.28.250.1 -llbucsadmin

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product is covered by one or more of the following U.S. Patents:
9,626,224; 9,613,071; 9,584,403; 9,549,048; 9,438,538; 9,397,951;
9,363,309; 9,363,248; 9,253,277; 9,191,342; 9,152,574; 9,143,455;
9,130,991; 9,092,342; 9,036,662; 8,930,650; 8,929,402; 8,929,380;
8,885,632; 8,811,431; 8,755,381; 8,743,683; 8,738,865; 8,732,423;
8,725,988; 8,595,314; 8,489,562; 8,473,714; 8,442,052; 8,392,684;
8,370,583; 8,312,226; 8,307,115; 8,225,072; 8,171,238; 8,095,774;
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--------------------------------------------------------------------
You are accessing a HPE Aruba Networking Information System (IS) that is provided for HPE Aruba Networking Simulated-authorized use only.

By using this IS (which includes any device attached to this IS), you consent to the following conditions:
-HPE Aruba Networking routinely intercepts and monitors communications on this IS for purposes including, but not limited to, penetration testing,
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-At any time, HPE Aruba Networking may inspect and seize data stored on this IS.
-Communications using, or data stored on, this IS are not private, are subject to routine monitoring, interception, and search, and may be disclosed
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-This IS includes security measures (e.g., authentication and access controls) to protect HPE Aruba Networking interests--not for your personal
benefit or privacy.
-Notwithstanding the above, using this IS does not constitute consent to PM investigative searching or monitoring of the content of privileged
communications, or work product, related to personal representation or services by attorneys, psychotherapists, or clergy, and their assistants. Such
communications and work product are private and confidential. See User Agreement for details.

(lbucsadmin@172.28.250.1) Password:
Last login: Tue Oct 14 10:20:08 2025 from 172.28.250.2
You are accessing a HPE Aruba Networking Information System (IS) that is provided for HPE Aruba Networking Simulated-authorized use only.

By using this IS (which includes any device attached to this IS), you consent to the following conditions:
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-At any time, HPE Aruba Networking may inspect and seize data stored on this IS.
-Communications using, or data stored on, this IS are not private, are subject to routine monitoring, interception, and search, and may be disclosed
or used for any HPE Aruba Networking-authorized purpose.
-This IS includes security measures (e.g., authentication and access controls) to protect HPE Aruba Networking interests--not for your personal
benefit or privacy.
-Notwithstanding the above, using this IS does not constitute consent to PM investigative searching or monitoring of the content of privileged
communications, or work product, related to personal representation or services by attorneys, psychotherapists, or clergy, and their assistants. Such
communications and work product are private and confidential. See User Agreement for details.

KW-10108 >
KW-10108 > en
```

```
KW-10108 # sh management route
Destination     Mask  Gateway         Interface Metric  Source
default         /0    192.168.86.1    wan2      251     10.250.28.130
10.250.28.130   /32   0.0.0.0         lo20000   100     0.0.0.0
12.0.0.0        /24   0.0.0.0         wan1      100     0.0.0.0
169.254.0.0     /16   0.0.0.0         mgmt1     0       169.254.0.1
169.254.124.0   /24   0.0.0.0         pim0      100     0.0.0.0
169.254.125.0   /24   0.0.0.0         pim1      100     0.0.0.0
169.254.126.0   /24   0.0.0.0         pim2      100     0.0.0.0
172.16.33.1     /32   192.168.86.1    wan2      100     0.0.0.0
172.28.1.0      /24   0.0.0.0         lan1      100     0.0.0.0
172.28.250.0    /29   0.0.0.0         mgmt0     0       172.28.250.1
192.168.18.0    /24   0.0.0.0         lan0      100     0.0.0.0
192.168.86.0    /24   0.0.0.0         wan2      100     0.0.0.0
KW-10108 # sh sub
subif   subnet
KW-10108 # sh subnet
Auto-subnet : enabled (use system auto-subnet to change)
Add-local   : disabled, metric 50
OSPF Redistribution - disabled, metric 50, redist filter 0, local filter 0
Admin Distance : Local = 1, IBGP = 200, EBGP = 20, Sub-Shared = 10, BGP-Rem = 15, OSPF = 110, OSPF-REM = 15, System Default = 251
Route Table: 30/95536 entries
        prefix/len          nexthop      metric peer id   saas  community       AS path            details
     172.17.43.0/32                         50 2074338    0     N/A             N/A                LRN_SPS_HUB,107.215.36.181
   10.250.28.139/32                        100 2074338    0     N/A             N/A                LRN_SPS_HUB,107.215.36.181
   10.250.28.139/32                         50 4588673    0     N/A             N/A                LRN_SPS,104.191.57.147
   10.250.28.132/32                         50 2074338    0     N/A             N/A                LRN_SPS_HUB,107.215.36.181
   10.250.28.131/32                        100 2074338    0     N/A             N/A                LRN_SPS_HUB,107.215.36.181
   10.250.28.131/32                         50 2700616    0     N/A             N/A                LRN_SPS,192.168.86.28
   10.250.28.130/32                         50 2754720    0     N/A             N/A                AUTO ADV LOCAL
    192.168.86.0/24                         50 2754720    0     N/A             N/A                AUTO ADV LOCAL
    192.168.18.0/24                         50 2754720    0     N/A             N/A                AUTO ADV LOCAL
     172.28.1.0/24                          50 2754720    0     N/A             N/A                AUTO ADV LOCAL
     172.18.1.0/24      198.15.99.6          1 2754720    0     N/A             N/A                AUTO ADV MGMT
     172.18.1.0/24                         100 2074338    0     N/A             N/A                LRN_SPS_HUB,107.215.36.181
     172.18.1.0/24                          50 2700616    0     N/A             N/A                LRN_SPS,192.168.86.28
    172.16.33.0/24                          50 2074338    0     N/A             N/A                LRN_SPS_HUB,107.215.36.181
  169.254.126.0/24                          50 2754720    0     N/A             N/A                AUTO LOCAL
  169.254.125.0/24                          50 2754720    0     N/A             N/A                AUTO LOCAL
  169.254.124.0/24                          50 2754720    0     N/A             N/A                AUTO LOCAL
      12.0.0.0/24                           50 2754720    0     N/A             N/A                CFG ADV LOCAL
      12.0.0.0/24                           50 2754720    0     N/A             N/A                AUTO ADV LOCAL
      12.0.0.0/24                          100 2074338    0     N/A             N/A                LRN_SPS_HUB,107.215.36.181
      12.0.0.0/24                           50 2700616    0     N/A             N/A                LRN_SPS,192.168.86.28
      10.0.16.0/24                         100 2074338    0     N/A             N/A                LRN_SPS_HUB,107.215.36.181
      10.0.16.0/24                          50 4588673    0     N/A             N/A                LRN_SPS,104.191.57.147
      10.0.0.0/24       12.0.0.1            50 2754720    0     N/A             N/A                CFG ADV LOCAL
      10.0.0.0/24                          100 2074338    0     N/A             N/A                LRN_SPS_HUB,107.215.36.181
      10.0.0.0/24                           50 2700616    0     N/A             N/A                LRN_SPS,192.168.86.28
       0.0.0.0/0        192.168.86.1      1253 2754720    0     N/A             N/A                AUTO FROM_LAN
       0.0.0.0/0                            50 2074338    0     N/A             N/A                LRN_SPS_HUB,107.215.36.181
       0.0.0.0/0        12.0.0.1          3658 2754720    0     N/A             N/A                AUTO FROM_WAN
         fd::/128                           50 2074338    0     N/A             N/A                LRN_SPS_HUB,107.215.36.181
KW-10108 # sh interfaces
Interface cpkt_datapath state
   Admin up:        yes
   Link up:         yes
   IPv6 address:    fe80::1418:c4ff:fec7:5e90/64
   Speed:           N/A
```

```
    Duplex:             N/A
    Interface type:     ethernet
    MTU:                1500
    HW address:         16:18:C4:C7:5E:90

    RX bytes:           0
    RX packets:         0
    RX mcast packets:   0
    RX discards:        0
    RX errors:          0
    RX overruns:        0
    RX frame:           0

    TX bytes:           0
    TX packets:         0
    TX discards:        0
    TX errors:          0
    TX overruns:        0
    TX carrier:         0
    TX collisions:      0
Interface ids_tap0 state
    Admin up:           yes
    Link up:            yes
    IPv6 address:       fe80::4087:43ff:fe94:4aed/64
    Speed:              N/A
    Duplex:             N/A
    Interface type:     ethernet
    MTU:                1526
    HW address:         42:87:43:94:4A:ED

    RX bytes:           0
    RX packets:         0
    RX mcast packets:   0
    RX discards:        0
    RX errors:          0
    RX overruns:        0
    RX frame:           0

    TX bytes:           0
    TX packets:         0
    TX discards:        0
    TX errors:          0
    TX overruns:        0
    TX carrier:         0
    TX collisions:      0

Interface ids_tap1 state
    Admin up:           yes
    Link up:            yes
    IPv6 address:       fe80::2cfd:24ff:fea4:d230/64
    Speed:              N/A
    Duplex:             N/A
    Interface type:     ethernet
    MTU:                1526
    HW address:         2E:FD:24:A4:D2:30

    RX bytes:           0
    RX packets:         0
```

```
    RX mcast packets:   0
    RX discards:        0
    RX errors:          0
    RX overruns:        0
    RX frame:           0

    TX bytes:           0
    TX packets:         0
    TX discards:        0
    TX errors:          0
    TX overruns:        0
    TX carrier:         0
    TX collisions:      0

Interface ids_tap4096 state
    Admin up:           yes
    Link up:            yes
    IPv6 address:       fe80::e0a1:19ff:fe79:6f3c/64
    Speed:              N/A
    Duplex:             N/A
    Interface type:     ethernet
    MTU:                9000
    HW address:         E2:A1:19:79:6F:3C

    RX bytes:           0
    RX packets:         0
    RX mcast packets:   0
    RX discards:        0
    RX errors:          0
    RX overruns:        0
    RX frame:           0

    TX bytes:           0
    TX packets:         0
    TX discards:        0
    TX errors:          0
    TX overruns:        0
    TX carrier:         0
    TX collisions:      0

Interface ids_tap_out0 state
    Admin up:           yes
    Link up:            yes
    IPv6 address:       fe80::4095:2bff:fef6:2d16/64
    Speed:              N/A
    Duplex:             N/A
    Interface type:     ethernet
    MTU:                1526
    HW address:         42:95:2B:F6:2D:16

    RX bytes:           0
    RX packets:         0
    RX mcast packets:   0
    RX discards:        0
    RX errors:          0
    RX overruns:        0
    RX frame:           0

    TX bytes:           0
```

```
    TX packets:         0
    TX discards:        0
    TX errors:          0
    TX overruns:        0
    TX carrier:         0
    TX collisions:      0

Interface ids_tap_out1 state
    Admin up:           yes
    Link up:            yes
    IPv6 address:       fe80::e818:45ff:fe5e:2062/64
    Speed:              N/A
    Duplex:             N/A
    Interface type:     ethernet
    MTU:                1526
    HW address:         EA:18:45:5E:20:62

    RX bytes:           0
    RX packets:         0
    RX mcast packets:   0
    RX discards:        0
    RX errors:          0
    RX overruns:        0
    RX frame:           0

    TX bytes:           0
    TX packets:         0
    TX discards:        0
    TX errors:          0
    TX overruns:        0
    TX carrier:         0
    TX collisions:      0

Interface ids_tap_out4096 state
    Admin up:           yes
    Link up:            yes
    IPv6 address:       fe80::24b5:40ff:fe5f:6c72/64
    Speed:              N/A
    Duplex:             N/A
    Interface type:     ethernet
    MTU:                9000
    HW address:         26:B5:40:5F:6C:72

    RX bytes:           0
    RX packets:         0
    RX mcast packets:   0
    RX discards:        0
    RX errors:          0
    RX overruns:        0
    RX frame:           0

    TX bytes:           0
    TX packets:         0
    TX discards:        0
    TX errors:          0
    TX overruns:        0
    TX carrier:         0
    TX collisions:      0
```

```
Interface ips_tap0 state
    Admin up:           yes
    Link up:            yes
    IPv6 address:       fe80::ace8:5ff:fe01:94f7/64
    Speed:              N/A
    Duplex:             N/A
    Interface type:     ethernet
    MTU:                1526
    HW address:         AE:E8:05:01:94:F7

    RX bytes:           0
    RX packets:         0
    RX mcast packets:   0
    RX discards:        0
    RX errors:          0
    RX overruns:        0
    RX frame:           0

    TX bytes:           0
    TX packets:         0
    TX discards:        0
    TX errors:          0
    TX overruns:        0
    TX carrier:         0
    TX collisions:      0

Interface ips_tap1 state
    Admin up:           yes
    Link up:            yes
    IPv6 address:       fe80::849a:a6ff:fe86:9fa5/64
    Speed:              N/A
    Duplex:             N/A
    Interface type:     ethernet
    MTU:                1526
    HW address:         86:9A:A6:86:9F:A5

    RX bytes:           0
    RX packets:         0
    RX mcast packets:   0
    RX discards:        0
    RX errors:          0
    RX overruns:        0
    RX frame:           0

    TX bytes:           0
    TX packets:         0
    TX discards:        0
    TX errors:          0
    TX overruns:        0
    TX carrier:         0
    TX collisions:      0

Interface ips_tap4096 state
    Admin up:           yes
    Link up:            yes
    IPv6 address:       fe80::e088:1ff:fe54:a8c7/64
    Speed:              N/A
    Duplex:             N/A
    Interface type:     ethernet
```

```
   MTU:                 9000
   HW address:          E2:88:01:54:A8:C7

   RX bytes:            0
   RX packets:          0
   RX mcast packets:    0
   RX discards:         0
   RX errors:           0
   RX overruns:         0
   RX frame:            0

   TX bytes:            0
   TX packets:          0
   TX discards:         0
   TX errors:           0
   TX overruns:         0
   TX carrier:          0
   TX collisions:       0

Interface ips_tap_out0 state
   Admin up:            yes
   Link up:             yes
   IPv6 address:        fe80::f8a4:84ff:fe56:ee96/64
   Speed:               N/A
   Duplex:              N/A
   Interface type:      ethernet
   MTU:                 1526
   HW address:          FA:A4:84:56:EE:96

   RX bytes:            0
   RX packets:          0
   RX mcast packets:    0
   RX discards:         0
   RX errors:           0
   RX overruns:         0
   RX frame:            0

   TX bytes:            0
   TX packets:          0
   TX discards:         0
   TX errors:           0
   TX overruns:         0
   TX carrier:          0
   TX collisions:       0

Interface ips_tap_out1 state
   Admin up:            yes
   Link up:             yes
   IPv6 address:        fe80::4c9:7ff:fe01:b832/64
   Speed:               N/A
   Duplex:              N/A
   Interface type:      ethernet
   MTU:                 1526
   HW address:          06:C9:07:01:B8:32

   RX bytes:            0
   RX packets:          0
   RX mcast packets:    0
   RX discards:         0
```

```
    RX errors:          0
    RX overruns:        0
    RX frame:           0

    TX bytes:           0
    TX packets:         0
    TX discards:        0
    TX errors:          0
    TX overruns:        0
    TX carrier:         0
    TX collisions:      0

Interface ips_tap_out4096 state
    Admin up:           yes
    Link up:            yes
    IPv6 address:       fe80::e0d0:c2ff:fe83:fad8/64
    Speed:              N/A
    Duplex:             N/A
    Interface type:     ethernet
    MTU:                9000
    HW address:         E2:D0:C2:83:FA:D8

    RX bytes:           0
    RX packets:         0
    RX mcast packets:   0
    RX discards:        0
    RX errors:          0
    RX overruns:        0
    RX frame:           0

    TX bytes:           0
    TX packets:         0
    TX discards:        0
    TX errors:          0
    TX overruns:        0
    TX carrier:         0
    TX collisions:      0

Interface ipsec_decrypt state
    Admin up:           yes
    Link up:            yes
    IPv6 address:       fe80::b827:2cff:fe49:657c/64
    Speed:              N/A
    Duplex:             N/A
    Interface type:     ethernet
    MTU:                1500
    HW address:         BA:27:2C:49:65:7C

    RX bytes:           0
    RX packets:         0
    RX mcast packets:   0
    RX discards:        0
    RX errors:          0
    RX overruns:        0
    RX frame:           0

    TX bytes:           0
    TX packets:         0
    TX discards:        0
```

```
    TX errors:          0
    TX overruns:        0
    TX carrier:         0
    TX collisions:      0

Interface ipsec_encrypt state
    Admin up:           yes
    Link up:            yes
    IPv6 address:       fe80::411:27ff:fe91:2463/64
    Speed:              N/A
    Duplex:             N/A
    Interface type:     ethernet
    MTU:                1500
    HW address:         06:11:27:91:24:63

    RX bytes:           0
    RX packets:         0
    RX mcast packets:   0
    RX discards:        0
    RX errors:          0
    RX overruns:        0
    RX frame:           0

    TX bytes:           0
    TX packets:         0
    TX discards:        0
    TX errors:          0
    TX overruns:        0
    TX carrier:         0
    TX collisions:      0

Interface lan0 state
    Admin up:           yes
    Link up:            no
    IPv4 address:       192.168.18.1
    Netmask:            255.255.255.0
    Speed:              UNKNOWN
    Duplex:             UNKNOWN
    Interface type:     ethernet
    MTU:                1500
    HW address:         00:1B:BC:2A:08:A2

    PoE enabled:        yes

    RX bytes:           0
    RX packets:         0
    RX mcast packets:   0
    RX discards:        0
    RX errors:          0
    RX overruns:        0
    RX frame:           0

    TX bytes:           0
    TX packets:         0
    TX discards:        0
    TX errors:          0
    TX overruns:        0
    TX carrier:         0
    TX collisions:      0
```

```
Interface lan1 state
   Admin up:            yes
   Link up:             yes
   IPv4 address:        172.28.1.1
   Netmask:             255.255.255.0
   IPv6 address:        fe80::21b:bcff:fe2a:8a3/64
   Speed:               100Mb/s
   Duplex:              full
   Interface type:      ethernet
   MTU:                 1500
   HW address:          00:1B:BC:2A:08:A3

   PoE enabled:         yes

   RX bytes:            99615950
   RX packets:          245678
   RX mcast packets:    109032
   RX discards:         108989
   RX errors:           0
   RX overruns:         0
   RX frame:            0

   TX bytes:            89199065
   TX packets:          131968
   TX discards:         0
   TX errors:           0
   TX overruns:         0
   TX carrier:          0
   TX collisions:       0

Interface lan2 state
   Admin up:            yes
   Link up:             no
   Speed:               UNKNOWN
   Duplex:              UNKNOWN
   Interface type:      ethernet
   MTU:                 1500
   HW address:          00:1B:BC:2A:08:A4

   Combo port type:     RJ45

   RX bytes:            0
   RX packets:          0
   RX mcast packets:    0
   RX discards:         0
   RX errors:           0
   RX overruns:         0
   RX frame:            0

   TX bytes:            0
   TX packets:          0
   TX discards:         0
   TX errors:           0
   TX overruns:         0
   TX carrier:          0
   TX collisions:       0

Interface lo state
```

```
    Admin up:          yes
    Link up:           yes
    IPv4 address:      127.0.0.1
    Netmask:           255.0.0.0
    IPv6 address:      ::1/128
    Speed:             N/A
    Duplex:            N/A
    Interface type:    loopback
    MTU:               16436
    HW address:        N/A

    RX bytes:          558783
    RX packets:        3814
    RX mcast packets:  0
    RX discards:       0
    RX errors:         0
    RX overruns:       0
    RX frame:          0

    TX bytes:          558783
    TX packets:        3814
    TX discards:       0
    TX errors:         0
    TX overruns:       0
    TX carrier:        0
    TX collisions:     0

Interface lo20000 state
    Admin up:          yes
    Link up:           yes
    IPv4 address:      10.250.28.130
    Netmask:           255.255.255.255
    IPv6 address:      fe80::e0cd:54ff:fedd:e020/64
    Speed:             N/A
    Duplex:            N/A
    Interface type:    ethernet
    MTU:               1500
    HW address:        E2:CD:54:DD:E0:20

    RX bytes:          0
    RX packets:        0
    RX mcast packets:  0
    RX discards:       0
    RX errors:         0
    RX overruns:       0
    RX frame:          0

    TX bytes:          0
    TX packets:        0
    TX discards:       0
    TX errors:         0
    TX overruns:       0
    TX carrier:        0
    TX collisions:     0

Interface mgmt0 state
    Admin up:          yes
    Link up:           yes
    IPv4 address:      172.28.250.1
```

```
    Netmask:            255.255.255.248
    IPv6 address:       fe80::21b:bcff:fe2a:8a0/64
    Speed:              1000Mb/s
    Duplex:             full
    Interface type:     ethernet
    MTU:                1500
    HW address:         00:1B:BC:2A:08:A0

    RX bytes:           1178428
    RX packets:         14678
    RX mcast packets:   0
    RX discards:        0
    RX errors:          0
    RX overruns:        0
    RX frame:           0

    TX bytes:           1583429
    TX packets:         8646
    TX discards:        0
    TX errors:          0
    TX overruns:        0
    TX carrier:         0
    TX collisions:      0

Interface mgmt1 state
    Admin up:           yes
    Link up:            no
    IPv4 address:       169.254.0.1
    Netmask:            255.255.0.0
    Speed:              UNKNOWN
    Duplex:             UNKNOWN
    Interface type:     ethernet
    MTU:                1500
    HW address:         00:1B:BC:2A:08:A1

    RX bytes:           0
    RX packets:         0
    RX mcast packets:   0
    RX discards:        0
    RX errors:          0
    RX overruns:        0
    RX frame:           0

    TX bytes:           0
    TX packets:         0
    TX discards:        0
    TX errors:          0
    TX overruns:        0
    TX carrier:         0
    TX collisions:      0

Interface pim0 state
    Admin up:           yes
    Link up:            yes
    IPv4 address:       169.254.124.1
    Netmask:            255.255.255.0
    IPv6 address:       fe80::944d:abff:fe7d:521d/64
    Speed:              N/A
    Duplex:             N/A
```

```
     Interface type:        ethernet
     MTU:                   1500
     HW address:            96:4D:AB:7D:52:1D

     RX bytes:              0
     RX packets:            0
     RX mcast packets:      0
     RX discards:           0
     RX errors:             0
     RX overruns:           0
     RX frame:              0

     TX bytes:              0
     TX packets:            0
     TX discards:           0
     TX errors:             0
     TX overruns:           0
     TX carrier:            0
     TX collisions:         0

Interface pim1 state
     Admin up:              yes
     Link up:               yes
     IPv4 address:          169.254.125.1
     Netmask:               255.255.255.0
     IPv6 address:          fe80::287e:4bff:feee:297d/64
     Speed:                 N/A
     Duplex:                N/A
     Interface type:        ethernet
     MTU:                   1500
     HW address:            2A:7E:4B:EE:29:7D

     RX bytes:              0
     RX packets:            0
     RX mcast packets:      0
     RX discards:           0
     RX errors:             0
     RX overruns:           0
     RX frame:              0

     TX bytes:              0
     TX packets:            0
     TX discards:           0
     TX errors:             0
     TX overruns:           0
     TX carrier:            0
     TX collisions:         0

Interface pim2 state
     Admin up:              yes
     Link up:               yes
     IPv4 address:          169.254.126.1
     Netmask:               255.255.255.0
     IPv6 address:          fe80::d09e:d1ff:fef0:3ad2/64
     Speed:                 N/A
     Duplex:                N/A
     Interface type:        ethernet
     MTU:                   1500
     HW address:            D2:9E:D1:F0:3A:D2
```

```
    RX bytes:            0
    RX packets:          0
    RX mcast packets:    0
    RX discards:         0
    RX errors:           0
    RX overruns:         0
    RX frame:            0

    TX bytes:            0
    TX packets:          0
    TX discards:         0
    TX errors:           0
    TX overruns:         0
    TX carrier:          0
    TX collisions:       0

Interface pimreg state
    Admin up:            yes
    Link up:             yes
    Speed:               N/A
    Duplex:              N/A
    Interface type:      pim-register
    MTU:                 1472
    HW address:          00:00:00:00:00:00

    RX bytes:            0
    RX packets:          0
    RX mcast packets:    0
    RX discards:         0
    RX errors:           0
    RX overruns:         0
    RX frame:            0

    TX bytes:            0
    TX packets:          0
    TX discards:         0
    TX errors:           0
    TX overruns:         0
    TX carrier:          0
    TX collisions:       0

Interface proxy_wan0 state
    Admin up:            yes
    Link up:             yes
    IPv6 address:        fe80::87f:3eff:fe06:f63c/64
    Speed:               N/A
    Duplex:              N/A
    Interface type:      ethernet
    MTU:                 1500
    HW address:          0A:7F:3E:06:F6:3C

    RX bytes:            0
    RX packets:          0
    RX mcast packets:    0
    RX discards:         0
    RX errors:           0
    RX overruns:         0
    RX frame:            0
```

```
    TX bytes:          0
    TX packets:        0
    TX discards:       0
    TX errors:         0
    TX overruns:       0
    TX carrier:        0
    TX collisions:     0

Interface sp_lan state
    Admin up:          yes
    Link up:           yes
    IPv6 address:      fe80::c1e:17ff:fed6:7b78/64
    Speed:             N/A
    Duplex:            N/A
    Interface type:    ethernet
    MTU:               1500
    HW address:        0E:1E:17:D6:7B:78

    RX bytes:          512269410
    RX packets:        1471614
    RX mcast packets:  0
    RX discards:       0
    RX errors:         0
    RX overruns:       0
    RX frame:          0

    TX bytes:          440940208
    TX packets:        1388532
    TX discards:       0
    TX errors:         0
    TX overruns:       0
    TX carrier:        0
    TX collisions:     0

Interface sp_wan state
    Admin up:          yes
    Link up:           yes
    IPv6 address:      fe80::f428:16ff:fec6:3c33/64
    Speed:             N/A
    Duplex:            N/A
    Interface type:    ethernet
    MTU:               1500
    HW address:        F6:28:16:C6:3C:33

    RX bytes:          468897280
    RX packets:        1388522
    RX mcast packets:  0
    RX discards:       0
    RX errors:         0
    RX overruns:       0
    RX frame:          0

    TX bytes:          548456820
    TX packets:        1471284
    TX discards:       0
    TX errors:         0
    TX overruns:       0
    TX carrier:        0
```

```
    TX collisions:      0

Interface tpepd_lan0 state
    Admin up:           yes
    Link up:            yes
    IPv6 address:       fe80::f46d:59ff:fe0e:3609/64
    Speed:              N/A
    Duplex:             N/A
    Interface type:     ethernet
    MTU:                1500
    HW address:         F6:6D:59:0E:36:09

    RX bytes:           0
    RX packets:         0
    RX mcast packets:   0
    RX discards:        0
    RX errors:          0
    RX overruns:        0
    RX frame:           0

    TX bytes:           0
    TX packets:         0
    TX discards:        0
    TX errors:          0
    TX overruns:        0
    TX carrier:         0
    TX collisions:      0

Interface tpepd_wan0 state
    Admin up:           yes
    Link up:            yes
    IPv6 address:       fe80::3021:ffff:fe35:cdb9/64
    Speed:              N/A
    Duplex:             N/A
    Interface type:     ethernet
    MTU:                1500
    HW address:         32:21:FF:35:CD:B9

    RX bytes:           0
    RX packets:         0
    RX mcast packets:   0
    RX discards:        0
    RX errors:          0
    RX overruns:        0
    RX frame:           0

    TX bytes:           0
    TX packets:         0
    TX discards:        0
    TX errors:          0
    TX overruns:        0
    TX carrier:         0
    TX collisions:      0

Interface wan0 state
    Admin up:           yes
    Link up:            yes
    IPv6 address:       fe80::21b:bcff:fe2a:8a5/64
    Speed:              1000Mb/s
```

```
    Duplex:              full
    Interface type:      ethernet
    MTU:                 1500
    HW address:          00:1B:BC:2A:08:A5

    RX bytes:            4607038
    RX packets:          26811
    RX mcast packets:    3646
    RX discards:         3646
    RX errors:           0
    RX overruns:         0
    RX frame:            0

    TX bytes:            22700650
    TX packets:          68440
    TX discards:         0
    TX errors:           0
    TX overruns:         0
    TX carrier:          0
    TX collisions:       0

Interface wan1 state
    Admin up:            yes
    Link up:             yes
    IPv4 address:        12.0.0.8
    Netmask:             255.255.255.0
    IPv6 address:        fe80::21b:bcff:fe2a:8a6/64
    Speed:               1000Mb/s
    Duplex:              full
    Interface type:      ethernet
    MTU:                 1500
    HW address:          00:1B:BC:2A:08:A6

    RX bytes:            4385630
    RX packets:          25038
    RX mcast packets:    8180
    RX discards:         8180
    RX errors:           0
    RX overruns:         0
    RX frame:            0

    TX bytes:            2782873
    TX packets:          25324
    TX discards:         0
    TX errors:           0
    TX overruns:         0
    TX carrier:          0
    TX collisions:       0

Interface wan2 state
    Admin up:            yes
    Link up:             yes
    IPv4 address:        192.168.86.24
    Netmask:             255.255.255.0
    IPv6 address:        fe80::21b:bcff:fe2a:8a7/64
    Speed:               100Mb/s
    Duplex:              full
    Interface type:      ethernet
    MTU:                 1500
```

```
   HW address:          00:1B:BC:2A:08:A7


   Combo port type:    RJ45

  RX bytes:            1178116100
  RX packets:          5401333
  RX mcast packets:    152723
  RX discards:         151492
  RX errors:           0
  RX overruns:         0
  RX frame:            0


  TX bytes:            1322079083
  TX packets:          5243191
  TX discards:         0
  TX errors:           0
  TX overruns:         0
  TX carrier:          0
  TX collisions:       0
KW-10108 # sh tunnel
Passthrough_FSE_lan0            bondedTunnel_223          passThrough_199            to_Baton-Rouge-EC_LAB_5030
Passthrough_INET1_CaptWhite     bondedTunnel_26           passThrough_200            to_Baton-Rouge-EC_RealTime
Passthrough_INET1_CriticalApps  bondedTunnel_27           passThrough_210            to_KW-10106_INET1-INET2
Passthrough_INET1_DefaultOverlay bondedTunnel_28          passThrough_218            to_KW-10106_LAB_5030
Passthrough_INET1_LAB_5030      bondedTunnel_29           passThrough_219            to_USN-VIL-E01_INET1-INET1
Passthrough_INET1_RealTime      brief                     peers                      to_USN-VIL-E01_LAB_5030
Passthrough_INET1_wan2          configured                stats                      tunnel_201
Passthrough_OVERLAY_L1_lan1     counts                    summary                    tunnel_220
Passthrough_wan1                passThrough_122           to_Baton-Rouge-EC_CaptWhite tunnel_221
all                             passThrough_195           to_Baton-Rouge-EC_CriticalApps
bondedTunnel_149                passThrough_196           to_Baton-Rouge-EC_DefaultOverlay
bondedTunnel_222                passThrough_198           to_Baton-Rouge-EC_INET1-INET1
KW-10108 # sh tunnel all
Tunnel to_Baton-Rouge-EC_CaptWhite(bondedTunnel_149) state
  Admin:               up
  Oper:                Up - Idle
  Uptime:              3d 6h 21m 55s
  Type:                Bonded
  MTU:                 1488
  Tag name:            CaptWhite
  ID:                  25
  Bonded ID:           7
  Peer ID:             2074338
  Bound tunnels:
                       to_Baton-Rouge-EC_INET1-INET1(tunnel_201)(*)($)
  Tunnel black list    0x0
  Tunnel brown list    0x0
  Tunnel green list    0x1
  Tunnel current list  0x1
  Tunnel curr ids list ( 27 )
  Bonded tunnel state brown 0
  Bonded tunnel state brown Latency 0
  Bonded tunnel state brown Loss 0
  Bonded tunnel state brown Jitter 0
LAN Rx Bytes:          0
    Tx Bytes:          0
    Rx Pkts:           0
    Tx Pkts:           0
    Tx Invalid Pkts:   0
```

```
WAN Rx Bytes:          0
    Tx Bytes:          0
    Rx Pkts:           0
    Tx Pkts:           0
    Rx Invalid Pkts:   0
    Rx Lost Pkts:      0
    Rx Duplicate Pkts: 0


Tunnel to_KW-10106_LAB_5030(bondedTunnel_222) state
  Admin:               up
  Oper:                Up - Active
  Uptime:              24m 26s
  Type:                Bonded
  MTU:                 1488
  Tag name:            LAB_5030
  ID:                  51
  Bonded ID:           3
  Peer ID:             2700616
  Bound tunnels:
                       to_KW-10106_INET1-INET2(tunnel_220)(*)($)
  Tunnel black list    0x0
  Tunnel brown list    0x0
  Tunnel green list    0x1
  Tunnel current list  0x1
  Tunnel curr ids list  ( 49 )
  Bonded tunnel state brown 0
  Bonded tunnel state brown Latency 0
  Bonded tunnel state brown Loss 0
  Bonded tunnel state brown Jitter 0
LAN Rx Bytes:          1009048
    Tx Bytes:          1009048
    Rx Pkts:           1387
    Tx Pkts:           1387
    Tx Invalid Pkts:   0

WAN Rx Bytes:          1154128
    Tx Bytes:          1154128
    Rx Pkts:           1388
    Tx Pkts:           1388
    Rx Invalid Pkts:   0
    Rx Lost Pkts:      0
    Rx Duplicate Pkts: 0



Tunnel to_USN-VIL-E01_LAB_5030(bondedTunnel_223) state
  Admin:               up
  Oper:                Up - Idle
  Uptime:              24m 52s
  Type:                Bonded
  MTU:                 1488
  Tag name:            LAB_5030
  ID:                  52
  Bonded ID:           3
  Peer ID:             4588673
  Bound tunnels:
                       to_USN-VIL-E01_INET1-INET1(tunnel_221)(*)($)
  Tunnel black list    0x0
  Tunnel brown list    0x0
```

```
    Tunnel green list     0x1
    Tunnel current list   0x1
    Tunnel curr ids list  ( 50 )
    Bonded tunnel state brown 0
    Bonded tunnel state brown Latency 0
    Bonded tunnel state brown Loss 0
    Bonded tunnel state brown Jitter 0
LAN Rx Bytes:           0
    Tx Bytes:           0
    Rx Pkts:            0
    Tx Pkts:            0
    Tx Invalid Pkts:    0

WAN Rx Bytes:           0
    Tx Bytes:           0
    Rx Pkts:            0
    Tx Pkts:            0
    Rx Invalid Pkts:    0
    Rx Lost Pkts:       0
    Rx Duplicate Pkts:  0


Tunnel to_Baton-Rouge-EC_DefaultOverlay(bondedTunnel_26) state
    Admin:              up
    Oper:               Up - Active
    Uptime:             3d 6h 21m 56s
    Type:               Bonded
    MTU:                1488
    Tag name:           DefaultOverlay
    ID:                 4
    Bonded ID:          4
    Peer ID:            2074338
    Bound tunnels:
                        to_Baton-Rouge-EC_INET1-INET1(tunnel_201)(*)($)
    Tunnel black list     0x0
    Tunnel brown list     0x0
    Tunnel green list     0x1
    Tunnel current list   0x1
    Tunnel curr ids list  ( 27 )
    Bonded tunnel state brown 0
    Bonded tunnel state brown Latency 0
    Bonded tunnel state brown Loss 0
    Bonded tunnel state brown Jitter 0
LAN Rx Bytes:           302376373
    Tx Bytes:           159504424
    Rx Pkts:            481827
    Tx Pkts:            389995
    Tx Invalid Pkts:    0

WAN Rx Bytes:           186812256
    Tx Bytes:           338447632
    Rx Pkts:            387056
    Tx Pkts:            480494
    Rx Invalid Pkts:    0
    Rx Lost Pkts:       0
    Rx Duplicate Pkts:  0


Tunnel to_Baton-Rouge-EC_LAB_5030(bondedTunnel_27) state
```

```
  Admin:              up
  Oper:               Up - Idle
  Uptime:             3d 6h 21m 56s
  Type:               Bonded
  MTU:                1488
  Tag name:           LAB_5030
  ID:                 5
  Bonded ID:          3
  Peer ID:            2074338
  Bound tunnels:
                      to_Baton-Rouge-EC_INET1-INET1(tunnel_201)(*)($)
  Tunnel black list     0x0
  Tunnel brown list     0x0
  Tunnel green list     0x1
  Tunnel current list   0x1
  Tunnel curr ids list  ( 27 )
  Bonded tunnel state brown 0
  Bonded tunnel state brown Latency 0
  Bonded tunnel state brown Loss 0
  Bonded tunnel state brown Jitter 0
LAN Rx Bytes:         32760
   Tx Bytes:          29848
   Rx Pkts:           45
   Tx Pkts:           41
   Tx Invalid Pkts:   0


WAN Rx Bytes:         33632
   Tx Bytes:          36032
   Rx Pkts:           42
   Tx Pkts:           45
   Rx Invalid Pkts:   0
   Rx Lost Pkts:      0
   Rx Duplicate Pkts: 0



Tunnel to_Baton-Rouge-EC_CriticalApps(bondedTunnel_28) state
  Admin:              up
  Oper:               Up - Idle
  Uptime:             3d 6h 21m 56s
  Type:               Bonded
  MTU:                1488
  Tag name:           CriticalApps
  ID:                 6
  Bonded ID:          2
  Peer ID:            2074338
  Bound tunnels:
                      to_Baton-Rouge-EC_INET1-INET1(tunnel_201)(*)($)
  Tunnel black list     0x0
  Tunnel brown list     0x0
  Tunnel green list     0x1
  Tunnel current list   0x1
  Tunnel curr ids list  ( 27 )
  Bonded tunnel state brown 0
  Bonded tunnel state brown Latency 0
  Bonded tunnel state brown Loss 0
  Bonded tunnel state brown Jitter 0
LAN Rx Bytes:         0
   Tx Bytes:          0
   Rx Pkts:           0
```

```
    Tx Pkts:            0
    Tx Invalid Pkts:    0


WAN Rx Bytes:           0
    Tx Bytes:           0
    Rx Pkts:            0
    Tx Pkts:            0
    Rx Invalid Pkts:    0
    Rx Lost Pkts:       0
    Rx Duplicate Pkts:  0


Tunnel to_Baton-Rouge-EC_RealTime(bondedTunnel_29) state
  Admin:                up
  Oper:                 Up - Idle
  Uptime:               3d 6h 21m 56s
  Type:                 Bonded
  MTU:                  1488
  Tag name:             RealTime
  ID:                   7
  Bonded ID:            1
  Peer ID:              2074338
  Bound tunnels:
                        to_Baton-Rouge-EC_INET1-INET1(tunnel_201)(*)($)
  Tunnel black list     0x0
  Tunnel brown list     0x0
  Tunnel green list     0x1
  Tunnel current list   0x1
  Tunnel curr ids list  ( 27 )
  Bonded tunnel state brown 0
  Bonded tunnel state brown Latency 0
  Bonded tunnel state brown Loss 0
  Bonded tunnel state brown Jitter 0
LAN Rx Bytes:           0
    Tx Bytes:           0
    Rx Pkts:            0
    Tx Pkts:            0
    Tx Invalid Pkts:    0


WAN Rx Bytes:           0
    Tx Bytes:           0
    Rx Pkts:            0
    Tx Pkts:            0
    Rx Invalid Pkts:    0
    Rx Lost Pkts:       0
    Rx Duplicate Pkts:  0




Tunnel Passthrough_FSE_lan0(passThrough_122) state
  Admin:                up
  Oper:                 Down
  Uptime:               0s
  Tunnel ID:            26
  Local IP address:     192.168.18.1
  Remote IP address:    0.0.0.0
  Remote Appliance ID: 1
```

```
   MTU:                1500

LAN Rx Bytes:          0
    Tx Bytes:          0
    Rx Pkts:           0
    Tx Pkts:           0
    Tx Invalid Pkts:   0

WAN Rx Bytes:          0
    Tx Bytes:          0
    Rx Pkts:           0
    Tx Pkts:           0
    Rx Invalid Pkts:   0
    Rx Lost Pkts:      0
    Rx Duplicate Pkts: 0


Tunnel Passthrough_INET1_RealTime(passThrough_195) state
   Admin:              up
   Oper:               Up - Active
   Uptime:             3d 12h 18m 57s
   Tunnel ID:          12
   Local IP address:   192.168.86.24
   Remote IP address:  0.0.0.0
   Remote Appliance ID: 2
   MTU:                1500

LAN Rx Bytes:          136157
    Tx Bytes:          1812045
    Rx Pkts:           1434
    Tx Pkts:           2343
    Tx Invalid Pkts:   0

WAN Rx Bytes:          1812045
    Tx Bytes:          136157
    Rx Pkts:           2343
    Tx Pkts:           1434
    Rx Invalid Pkts:   0
    Rx Lost Pkts:      0
    Rx Duplicate Pkts: 0


Tunnel Passthrough_INET1_CriticalApps(passThrough_196) state
   Admin:              up
   Oper:               Up - Active
   Uptime:             3d 12h 18m 57s
   Tunnel ID:          13
   Local IP address:   192.168.86.24
   Remote IP address:  0.0.0.0
   Remote Appliance ID: 3
   MTU:                1500

LAN Rx Bytes:          17214
    Tx Bytes:          30618
    Rx Pkts:           249
    Tx Pkts:           239
    Tx Invalid Pkts:   0

WAN Rx Bytes:          31266
```

```
    Tx Bytes:          17214
    Rx Pkts:           248
    Tx Pkts:           249
    Rx Invalid Pkts:   0
    Rx Lost Pkts:      0
    Rx Duplicate Pkts: 0


Tunnel Passthrough_INET1_wan2(passThrough_198) state
  Admin:               up
  Oper:                Up - Active
  Uptime:              3d 12h 18m 57s
  Tunnel ID:           15
  Local IP address:    192.168.86.24
  Remote IP address:   0.0.0.0
  Remote Appliance ID: 1
  MTU:                 1500

LAN Rx Bytes:          0
    Tx Bytes:          0
    Rx Pkts:           0
    Tx Pkts:           0
    Tx Invalid Pkts:   0

WAN Rx Bytes:          0
    Tx Bytes:          0
    Rx Pkts:           0
    Tx Pkts:           0
    Rx Invalid Pkts:   0
    Rx Lost Pkts:      0
    Rx Duplicate Pkts: 0


Tunnel Passthrough_INET1_DefaultOverlay(passThrough_199) state
  Admin:               up
  Oper:                Up - Active
  Uptime:              3d 12h 18m 57s
  Tunnel ID:           16
  Local IP address:    192.168.86.24
  Remote IP address:   0.0.0.0
  Remote Appliance ID: 1
  MTU:                 1500

LAN Rx Bytes:          176144
    Tx Bytes:          14540
    Rx Pkts:           2154
    Tx Pkts:           183
    Tx Invalid Pkts:   0

WAN Rx Bytes:          14540
    Tx Bytes:          176144
    Rx Pkts:           183
    Tx Pkts:           2154
    Rx Invalid Pkts:   0
    Rx Lost Pkts:      0
    Rx Duplicate Pkts: 0


Tunnel Passthrough_INET1_CaptWhite(passThrough_200) state
```

```
    Admin:               up
    Oper:                Up - Active
    Uptime:              3d 12h 18m 57s
    Tunnel ID:           24
    Local IP address:    192.168.86.24
    Remote IP address:   0.0.0.0
    Remote Appliance ID: 1
    MTU:                 1500

LAN Rx Bytes:           0
    Tx Bytes:           0
    Rx Pkts:            0
    Tx Pkts:            0
    Tx Invalid Pkts:    0

WAN Rx Bytes:           0
    Tx Bytes:           0
    Rx Pkts:            0
    Tx Pkts:            0
    Rx Invalid Pkts:    0
    Rx Lost Pkts:       0
    Rx Duplicate Pkts:  0


Tunnel Passthrough_OVERLAY_L1_lan1(passThrough_210) state
    Admin:               up
    Oper:                Up - Active
    Uptime:              2d 8h 10m 16s
    Tunnel ID:           37
    Local IP address:    172.28.1.1
    Remote IP address:   0.0.0.0
    Remote Appliance ID: 1
    MTU:                 1500

LAN Rx Bytes:           120
    Tx Bytes:           160
    Rx Pkts:            2
    Tx Pkts:            2
    Tx Invalid Pkts:    0

WAN Rx Bytes:           160
    Tx Bytes:           120
    Rx Pkts:            2
    Tx Pkts:            2
    Rx Invalid Pkts:    0
    Rx Lost Pkts:       0
    Rx Duplicate Pkts:  0


Tunnel Passthrough_wan1(passThrough_218) state
    Admin:               up
    Oper:                Up - Active
    Uptime:              1d 17h 46m 32s
    Tunnel ID:           47
    Local IP address:    12.0.0.8
    Remote IP address:   0.0.0.0
    Remote Appliance ID: 1
    MTU:                 1500
```

```
LAN Rx Bytes:          452
    Tx Bytes:          344
    Rx Pkts:           5
    Tx Pkts:           3
    Tx Invalid Pkts:   0

WAN Rx Bytes:          344
    Tx Bytes:          452
    Rx Pkts:           3
    Tx Pkts:           5
    Rx Invalid Pkts:   0
    Rx Lost Pkts:      0
    Rx Duplicate Pkts: 0


Tunnel Passthrough_INET1_LAB_5030(passThrough_219) state
  Admin:               up
  Oper:                Up - Active
  Uptime:              25m 1s
  Tunnel ID:           48
  Local IP address:    192.168.86.24
  Remote IP address:   0.0.0.0
  Remote Appliance ID: 1
  MTU:                 1500

LAN Rx Bytes:          0
    Tx Bytes:          0
    Rx Pkts:           0
    Tx Pkts:           0
    Tx Invalid Pkts:   0

WAN Rx Bytes:          0
    Tx Bytes:          0
    Rx Pkts:           0
    Tx Pkts:           0
    Rx Invalid Pkts:   0
    Rx Lost Pkts:      0
    Rx Duplicate Pkts: 0


Tunnel to_Baton-Rouge-EC_INET1-INET1(tunnel_201) state
  Admin:               up
  Oper:                Up - Active
  Uptime:              3d 6h 21m 58s
  Tunnel ID:           27
  Local IP address:    192.168.86.24
  Remote IP address:   107.215.36.181
  Remote Appliance ID: 2074338
  MTU:                 1488

LAN Rx Bytes:          302409133
    Tx Bytes:          159028354
    Rx Pkts:           481872
    Tx Pkts:           390192
    Tx Invalid Pkts:   0

WAN Rx Bytes:          186845888
    Tx Bytes:          338483664
    Rx Pkts:           387098
```

```
   Tx Pkts:           480539
   Rx Invalid Pkts:   0
   Rx Lost Pkts:      0
   Rx Duplicate Pkts: 0


Tunnel to_KW-10106_INET1-INET2(tunnel_220) state
   Admin:             up
   Oper:              Up - Active
   Uptime:            24m 28s
   Tunnel ID:         49
   Local IP address:  192.168.86.24
   Remote IP address: 192.168.86.28
   Remote Appliance ID: 2700616
   MTU:               1488

LAN Rx Bytes:        1009048
    Tx Bytes:        1009048
    Rx Pkts:         1387
    Tx Pkts:         1387
    Tx Invalid Pkts: 0

WAN Rx Bytes:        1154128
    Tx Bytes:        1154128
    Rx Pkts:         1388
    Tx Pkts:         1388
    Rx Invalid Pkts: 0
    Rx Lost Pkts:    0
    Rx Duplicate Pkts: 0


Tunnel to_USN-VIL-E01_INET1-INET1(tunnel_221) state
   Admin:             up
   Oper:              Up - Idle
   Uptime:            24m 55s
   Tunnel ID:         50
   Local IP address:  192.168.86.24
   Remote IP address: 104.191.57.147
   Remote Appliance ID: 4588673
   MTU:               1488

LAN Rx Bytes:        0
    Tx Bytes:        0
    Rx Pkts:         0
    Tx Pkts:         0
    Tx Invalid Pkts: 0

WAN Rx Bytes:        0
    Tx Bytes:        0
    Rx Pkts:         0
    Tx Pkts:         0
    Rx Invalid Pkts: 0
    Rx Lost Pkts:    0
    Rx Duplicate Pkts: 0


KW-10108 # sh running-config full
##
## Network interface configuration
```

```
##
no interface lan0 dhcp
   interface lan0 label ""
   interface lan0 mtu 1500
   interface lan0 poe
   interface lan0 poe priority 0
   interface lan0 port-type RJ45
   interface lan0 security-mode 0
no interface lan0 shutdown
   interface lan0 speed-duplex auto/auto
   interface lan0 zone 0
no interface lan1 dhcp
   interface lan1 ip address 172.28.1.1 /24
   interface lan1 label ""
   interface lan1 mtu 1500
   interface lan1 poe
   interface lan1 poe priority 0
   interface lan1 port-type RJ45
   interface lan1 security-mode 0
no interface lan1 shutdown
   interface lan1 speed-duplex auto/auto
   interface lan1 zone 0
no interface lan2 dhcp
   interface lan2 label ""
   interface lan2 mtu 1500
no interface lan2 poe
   interface lan2 poe priority 0
   interface lan2 port-type RJ45
   interface lan2 security-mode 0
no interface lan2 shutdown
   interface lan2 speed-duplex auto/auto
   interface lan2 zone 0
no interface lo dhcp
   interface lo ip address 127.0.0.1 /8
   interface lo label ""
   interface lo mtu 16436
no interface lo poe
   interface lo poe priority 0
   interface lo port-type NONE
   interface lo security-mode 0
no interface lo shutdown
   interface lo speed-duplex auto/auto
   interface lo zone 0
no interface mgmt0 dhcp
   interface mgmt0 ip address 172.28.250.1 /29
   interface mgmt0 label ""
   interface mgmt0 mtu 1500
no interface mgmt0 poe
   interface mgmt0 poe priority 0
   interface mgmt0 port-type RJ45
   interface mgmt0 security-mode 0
no interface mgmt0 shutdown
   interface mgmt0 speed-duplex auto/auto
   interface mgmt0 zone 0
no interface mgmt1 dhcp
   interface mgmt1 ip address 169.254.0.1 /16
   interface mgmt1 label ""
   interface mgmt1 mtu 1500
no interface mgmt1 poe
```

```
      interface mgmt1 poe priority 0
      interface mgmt1 port-type RJ45
      interface mgmt1 security-mode 0
no interface mgmt1 shutdown
      interface mgmt1 speed-duplex auto/auto
      interface mgmt1 zone 0
no interface wan0 dhcp
      interface wan0 label ""
      interface wan0 mtu 1500
no interface wan0 poe
      interface wan0 poe priority 0
      interface wan0 port-type SFP
      interface wan0 security-mode 0
no interface wan0 shutdown
      interface wan0 speed-duplex 10000/full
      interface wan0 zone 0
no interface wan1 dhcp
      interface wan1 ip address 12.0.0.8 /24
      interface wan1 label ""
      interface wan1 mtu 1500
no interface wan1 poe
      interface wan1 poe priority 0
      interface wan1 port-type SFP
      interface wan1 security-mode 0
no interface wan1 shutdown
      interface wan1 speed-duplex 10000/full
      interface wan1 zone 0
no interface wan2 dhcp
      interface wan2 label ""
      interface wan2 mtu 1500
no interface wan2 poe
      interface wan2 poe priority 0
      interface wan2 port-type RJ45
      interface wan2 security-mode 0
no interface wan2 shutdown
      interface wan2 speed-duplex auto/auto
      interface wan2 zone 0

##
## Routing configuration
##
      ip route 10.0.0.0 /24 12.0.0.1 wan1 1 0.0.0.0
      ip route 172.18.1.0 /24 198.15.99.6 wan0 1 0.0.0.0

##
## Other IP configuration
##
      ip name-server 1.1.1.3
      ip name-server 1.1.1.2
      ip name-server 9.9.9.9
      hostname KW-10108
      ip host localhost 127.0.0.1
      ip mgmt-ip 10.250.28.130

##
## Logging configuration
##
      logging trap notice
      logging facility auditlog local0
```

```
    logging facility firewall local2
    logging facility ids local3
    logging facility system local1
    logging files rotation criteria size 50
    logging files rotation disklimit 2000
    logging files rotation max-num 30
    logging local notice
    logging privacy-mask disable
    logging privacy-mask ipv4 prefix-length 24
    logging stateful-wan-drops disable

##
## Local user account configuration
##
    username admin capability admin
no username admin disable
    username lbucsadmin capability admin
no username lbucsadmin disable
    username monitor capability monitor
    username monitor disable

##
## AAA configuration
##
    aaa authentication login default local
    aaa authentication login password min-len 8
    aaa authorization map default-group admin
    aaa authorization map order remote-first
    radius-server key
    radius-server retransmit 1
    radius-server timeout 3
    tacacs-server key
    tacacs-server retransmit 1
    tacacs-server timeout 3

##
## System Config
##
    system stateful-snat-exceptions enable ""

##
## System Network Config
##
    dns cache iter 10
    system aggressive-path-fail disable
    system auto-ipid disable
    system auto-policy-lookup interval 60
no system auto-subnet add-lcl-communities
    system auto-subnet add-local metric 50
    system auto-subnet add-local-asn
    system auto-subnet add-local-lan enable
    system auto-subnet add-local-wan enable
    system auto-subnet enable
    system auto-subnet local-asn-filter
no system auto-subnet local-communities
    system auto-subnet local-communities ""
    system auto-subnet route-map default_rtmap_to_subsh outbound
no system auto-subnet segment 0 add-lcl-communities
    system auto-subnet segment 0 add-local metric 50
```

```
    system auto-subnet segment 0 add-local-asn
    system auto-subnet segment 0 add-local-lan enable
    system auto-subnet segment 0 add-local-wan enable
    system auto-subnet segment 0 local-asn-filter
 no system auto-subnet segment 0 local-communities
    system auto-subnet segment 0 local-communities ""
    system auto-subnet segment 0 route-map default_rtmap_to_subsh outbound
    system auto-syn disable
    system bandwidth if-rx-target disable
    system bandwidth inbound-max 700000
    system bandwidth outbound-max 550000
    system bandwidth wan0 max 550000
    system brnat-outif-number 24
    system brnat-rules-per-oif 256
    system contact ""
    system disk encryption enable
    system dpc tunnel-fail-behavior fail-stick
    system eclicense boost bandwidth 0
    system eclicense boost disable
    system eclicense plus disable
    system edgeha hasync enable
    system end2end-zfw enable
    system enforce-overlay enable
    system flow-del-wait-time 1000
    system int-hairpin enable
    system intersegment internal nat-subnet 129.127.0.1/24
 no system ip-broadcast enable
    system ip-header-compression enable
    system ipsec-sa-delay-delete-time 5000
    system ipv6-frag enable
    system ipv6-frag-reassembly enable
    system kernel-icmpv4-err-gen disable
    system kernel-icmpv6-err-gen disable
    system location "San Diego,California,92126,US"
    system max-tcp-mss 1328
    system network-memory media ram-and-disk
    system node-dns enable
    system node-dns ip 8.8.8.8
    system orch-id e5fd9f27e8f0488c858fcdb5dbe205c4
    system passthru-to-sender disable
    system poe power-mode 2
    system qdrc adj-slope 80
    system qdrc adj-slope-low 5
    system qdrc congestion-duration 60000
    system qdrc disable
    system qdrc mavg-weight 8
    system qdrc messages-interval 1000
    system qdrc min-flow-rate 100
    system qdrc mode smooth
    system qdrc qos-drop-threshold 5
    system qdrc queue-wait-threshold 5
    system qdrc restriction-duration 10000
    system quies-tun-ka-intvl 60
    system router EC8_WAN1-ASLAN create interface wan1 lan
    system router EC8_WAN1-ASLAN ip 12.0.0.8 /24 nexthop 12.0.0.1 vlan 0
    system router EC8_WAN1-ASLAN ip 12.0.0.8 /24 nexthop 12.0.0.1 vlan 0
    system router EC8_WAN1-ASLAN ip 12.0.0.8 inbound-max-bw 100
    system router EC8_WAN1-ASLAN ip 12.0.0.8 outbound-max-bw 100
    system router EC8_WAN1-ASLAN ip 12.0.0.8 security-mode 0
```

```
system router EC8_WAN1-ASLAN ip 12.0.0.8 segment 0
system router EC8_WAN1-ASLAN ip 12.0.0.8 target-in-thres 95.000000000
system router EC8_WAN1-ASLAN ip 12.0.0.8 target-out-thres 95.000000000
system router EC8_WAN1-ASLAN ip 12.0.0.8 zone 0
system router rtr1 create interface lan2 wan
system router rtr1 dhcp vlan 0 inbound-max-bw 500000
system router rtr1 dhcp vlan 0 label 6
system router rtr1 dhcp vlan 0 outbound-max-bw 500000
system router rtr1 dhcp vlan 0 security-mode 3
system router rtr1 dhcp vlan 0 segment 0
system router rtr1 dhcp vlan 0 target-in-thres 95.000000000
system router rtr1 dhcp vlan 0 target-out-thres 95.000000000
system router rtr1 dhcp vlan 0 zone 0
system router rtr2 create interface lan1 lan
system router rtr2 ip 172.28.1.1 /24 nexthop 0.0.0.0 vlan 0
system router rtr2 ip 172.28.1.1 /24 nexthop 0.0.0.0 vlan 0
system router rtr2 ip 172.28.1.1 inbound-max-bw 0
system router rtr2 ip 172.28.1.1 label 31
system router rtr2 ip 172.28.1.1 outbound-max-bw 0
system router rtr2 ip 172.28.1.1 security-mode 0
system router rtr2 ip 172.28.1.1 segment 0
system router rtr2 ip 172.28.1.1 target-in-thres 95.000000000
system router rtr2 ip 172.28.1.1 target-out-thres 95.000000000
system router rtr2 ip 172.28.1.1 zone 0
system router rtr3 create interface wan2 wan
system router rtr3 dhcp vlan 0 inbound-max-bw 200000
system router rtr3 dhcp vlan 0 label 2
system router rtr3 dhcp vlan 0 outbound-max-bw 50000
system router rtr3 dhcp vlan 0 security-mode 3
system router rtr3 dhcp vlan 0 segment 0
system router rtr3 dhcp vlan 0 target-in-thres 95.000000000
system router rtr3 dhcp vlan 0 target-out-thres 95.000000000
system router rtr3 dhcp vlan 0 zone 0
system router rtr4 create interface lan0 lan
system router rtr4 ip 192.168.18.1 /24 nexthop 0.0.0.0 vlan 0
system router rtr4 ip 192.168.18.1 /24 nexthop 0.0.0.0 vlan 0
system router rtr4 ip 192.168.18.1 inbound-max-bw 0
system router rtr4 ip 192.168.18.1 label 25
system router rtr4 ip 192.168.18.1 outbound-max-bw 0
system router rtr4 ip 192.168.18.1 security-mode 0
system router rtr4 ip 192.168.18.1 segment 0
system router rtr4 ip 192.168.18.1 target-in-thres 95.000000000
system router rtr4 ip 192.168.18.1 target-out-thres 95.000000000
system router rtr4 ip 192.168.18.1 zone 0
system routing inline
system routing redundancy lan-native-vlan
system smb-signing disable
system smbv2-downgrade disable
system ssl-ipsec-override disable
system subnet allow-mgmt-routes
system subnet redistribute enable
system subnet redistribute enable
system subnet redistribute increment 50
system tcp-flow-inact-tout 1800
system tcp-flow-rst-tout 1000
system udp-flow-inact-tout 120


##
## Subnet Config
```

```
##
   subnet 10.0.0.0/24  segment Default nexthop 12.0.0.1 interface wan1 mac 00:00:00:00:00:00 vni 16777216
   subnet 10.0.0.0/24  segment Default nexthop 12.0.0.1 interface wan1 metric 50
   subnet 10.0.0.0/24 segment Default nexthop 12.0.0.1 interface wan1
   subnet 10.0.0.0/24 segment Default nexthop 12.0.0.1 interface wan1 comment "EC8-WAN1-VIA-LOCAL-WAN1"
   subnet 10.0.0.0/24 segment Default nexthop 12.0.0.1 interface wan1 dir any
   subnet 10.0.0.0/24 segment Default nexthop 12.0.0.1 interface wan1 zone 65534
   subnet 12.0.0.0/24  segment Default  interface default mac 00:00:00:00:00:00 vni 16777216
   subnet 12.0.0.0/24  segment Default  interface default metric 50
   subnet 12.0.0.0/24 segment Default  interface default comment ""
   subnet 12.0.0.0/24 segment Default  interface default dir any
   subnet 12.0.0.0/24 segment Default  interface default zone 65534


##
## Shaper Config
##
   shaper inbound wan accuracy 5000
   shaper inbound wan dynamic-bandwidth disable
   shaper inbound wan enable
   shaper inbound wan max-bandwidth 700000
   shaper inbound wan traffic-class 1 excess-weight 100
   shaper inbound wan traffic-class 1 flow-rate-limit 0
   shaper inbound wan traffic-class 1 max-bandwidth 100
   shaper inbound wan traffic-class 1 max-bandwidth-abs 25000000
   shaper inbound wan traffic-class 1 max-wait 250
   shaper inbound wan traffic-class 1 min-bandwidth 25
   shaper inbound wan traffic-class 1 min-bandwidth-abs 0
   shaper inbound wan traffic-class 1 priority 1
   shaper inbound wan traffic-class 10 excess-weight 100
   shaper inbound wan traffic-class 10 flow-rate-limit 0
   shaper inbound wan traffic-class 10 max-bandwidth 100
   shaper inbound wan traffic-class 10 max-bandwidth-abs 25000000
   shaper inbound wan traffic-class 10 max-wait 500
   shaper inbound wan traffic-class 10 min-bandwidth 0
   shaper inbound wan traffic-class 10 min-bandwidth-abs 0
   shaper inbound wan traffic-class 10 priority 10
   shaper inbound wan traffic-class 2 excess-weight 100
   shaper inbound wan traffic-class 2 flow-rate-limit 0
   shaper inbound wan traffic-class 2 max-bandwidth 100
   shaper inbound wan traffic-class 2 max-bandwidth-abs 25000000
   shaper inbound wan traffic-class 2 max-wait 500
   shaper inbound wan traffic-class 2 min-bandwidth 25
   shaper inbound wan traffic-class 2 min-bandwidth-abs 0
   shaper inbound wan traffic-class 2 priority 2
   shaper inbound wan traffic-class 3 excess-weight 100
   shaper inbound wan traffic-class 3 flow-rate-limit 0
   shaper inbound wan traffic-class 3 max-bandwidth 80
   shaper inbound wan traffic-class 3 max-bandwidth-abs 25000000
   shaper inbound wan traffic-class 3 max-wait 500
   shaper inbound wan traffic-class 3 min-bandwidth 0
   shaper inbound wan traffic-class 3 min-bandwidth-abs 0
   shaper inbound wan traffic-class 3 priority 3
   shaper inbound wan traffic-class 4 excess-weight 100
   shaper inbound wan traffic-class 4 flow-rate-limit 0
   shaper inbound wan traffic-class 4 max-bandwidth 100
   shaper inbound wan traffic-class 4 max-bandwidth-abs 25000000
   shaper inbound wan traffic-class 4 max-wait 500
   shaper inbound wan traffic-class 4 min-bandwidth 0
   shaper inbound wan traffic-class 4 min-bandwidth-abs 0
```

```
shaper inbound wan traffic-class 4 priority 4
shaper inbound wan traffic-class 5 excess-weight 100
shaper inbound wan traffic-class 5 flow-rate-limit 0
shaper inbound wan traffic-class 5 max-bandwidth 100
shaper inbound wan traffic-class 5 max-bandwidth-abs 25000000
shaper inbound wan traffic-class 5 max-wait 500
shaper inbound wan traffic-class 5 min-bandwidth 0
shaper inbound wan traffic-class 5 min-bandwidth-abs 0
shaper inbound wan traffic-class 5 priority 5
shaper inbound wan traffic-class 6 excess-weight 100
shaper inbound wan traffic-class 6 flow-rate-limit 0
shaper inbound wan traffic-class 6 max-bandwidth 100
shaper inbound wan traffic-class 6 max-bandwidth-abs 25000000
shaper inbound wan traffic-class 6 max-wait 500
shaper inbound wan traffic-class 6 min-bandwidth 0
shaper inbound wan traffic-class 6 min-bandwidth-abs 0
shaper inbound wan traffic-class 6 priority 6
shaper inbound wan traffic-class 7 excess-weight 100
shaper inbound wan traffic-class 7 flow-rate-limit 0
shaper inbound wan traffic-class 7 max-bandwidth 100
shaper inbound wan traffic-class 7 max-bandwidth-abs 25000000
shaper inbound wan traffic-class 7 max-wait 500
shaper inbound wan traffic-class 7 min-bandwidth 0
shaper inbound wan traffic-class 7 min-bandwidth-abs 0
shaper inbound wan traffic-class 7 priority 7
shaper inbound wan traffic-class 8 excess-weight 100
shaper inbound wan traffic-class 8 flow-rate-limit 0
shaper inbound wan traffic-class 8 max-bandwidth 100
shaper inbound wan traffic-class 8 max-bandwidth-abs 25000000
shaper inbound wan traffic-class 8 max-wait 500
shaper inbound wan traffic-class 8 min-bandwidth 0
shaper inbound wan traffic-class 8 min-bandwidth-abs 0
shaper inbound wan traffic-class 8 priority 8
shaper inbound wan traffic-class 9 excess-weight 100
shaper inbound wan traffic-class 9 flow-rate-limit 0
shaper inbound wan traffic-class 9 max-bandwidth 100
shaper inbound wan traffic-class 9 max-bandwidth-abs 25000000
shaper inbound wan traffic-class 9 max-wait 500
shaper inbound wan traffic-class 9 min-bandwidth 0
shaper inbound wan traffic-class 9 min-bandwidth-abs 0
shaper inbound wan traffic-class 9 priority 9
shaper outbound default accuracy 1000
shaper outbound default disable
shaper outbound default dynamic-bandwidth disable
shaper outbound default max-bandwidth 0
shaper outbound default traffic-class 1 excess-weight 100
shaper outbound default traffic-class 1 flow-rate-limit 0
shaper outbound default traffic-class 1 max-bandwidth 100
shaper outbound default traffic-class 1 max-bandwidth-abs 25000000
shaper outbound default traffic-class 1 max-wait 500
shaper outbound default traffic-class 1 min-bandwidth 30
shaper outbound default traffic-class 1 min-bandwidth-abs 0
shaper outbound default traffic-class 1 priority 5
shaper outbound default traffic-class 10 excess-weight 100
shaper outbound default traffic-class 10 flow-rate-limit 0
shaper outbound default traffic-class 10 max-bandwidth 100
shaper outbound default traffic-class 10 max-bandwidth-abs 25000000
shaper outbound default traffic-class 10 max-wait 500
shaper outbound default traffic-class 10 min-bandwidth 30
```

```
shaper outbound default traffic-class 10 min-bandwidth-abs 0
shaper outbound default traffic-class 10 priority 5
shaper outbound default traffic-class 2 excess-weight 1000
shaper outbound default traffic-class 2 flow-rate-limit 0
shaper outbound default traffic-class 2 max-bandwidth 100
shaper outbound default traffic-class 2 max-bandwidth-abs 25000000
shaper outbound default traffic-class 2 max-wait 100
shaper outbound default traffic-class 2 min-bandwidth 30
shaper outbound default traffic-class 2 min-bandwidth-abs 0
shaper outbound default traffic-class 2 priority 1
shaper outbound default traffic-class 3 excess-weight 1000
shaper outbound default traffic-class 3 flow-rate-limit 0
shaper outbound default traffic-class 3 max-bandwidth 100
shaper outbound default traffic-class 3 max-bandwidth-abs 25000000
shaper outbound default traffic-class 3 max-wait 200
shaper outbound default traffic-class 3 min-bandwidth 20
shaper outbound default traffic-class 3 min-bandwidth-abs 0
shaper outbound default traffic-class 3 priority 2
shaper outbound default traffic-class 4 excess-weight 100
shaper outbound default traffic-class 4 flow-rate-limit 0
shaper outbound default traffic-class 4 max-bandwidth 100
shaper outbound default traffic-class 4 max-bandwidth-abs 25000000
shaper outbound default traffic-class 4 max-wait 500
shaper outbound default traffic-class 4 min-bandwidth 20
shaper outbound default traffic-class 4 min-bandwidth-abs 0
shaper outbound default traffic-class 4 priority 8
shaper outbound default traffic-class 5 excess-weight 100
shaper outbound default traffic-class 5 flow-rate-limit 0
shaper outbound default traffic-class 5 max-bandwidth 100
shaper outbound default traffic-class 5 max-bandwidth-abs 25000000
shaper outbound default traffic-class 5 max-wait 500
shaper outbound default traffic-class 5 min-bandwidth 30
shaper outbound default traffic-class 5 min-bandwidth-abs 0
shaper outbound default traffic-class 5 priority 5
shaper outbound default traffic-class 6 excess-weight 100
shaper outbound default traffic-class 6 flow-rate-limit 0
shaper outbound default traffic-class 6 max-bandwidth 100
shaper outbound default traffic-class 6 max-bandwidth-abs 25000000
shaper outbound default traffic-class 6 max-wait 500
shaper outbound default traffic-class 6 min-bandwidth 30
shaper outbound default traffic-class 6 min-bandwidth-abs 0
shaper outbound default traffic-class 6 priority 5
shaper outbound default traffic-class 7 excess-weight 100
shaper outbound default traffic-class 7 flow-rate-limit 0
shaper outbound default traffic-class 7 max-bandwidth 100
shaper outbound default traffic-class 7 max-bandwidth-abs 25000000
shaper outbound default traffic-class 7 max-wait 500
shaper outbound default traffic-class 7 min-bandwidth 30
shaper outbound default traffic-class 7 min-bandwidth-abs 0
shaper outbound default traffic-class 7 priority 5
shaper outbound default traffic-class 8 excess-weight 100
shaper outbound default traffic-class 8 flow-rate-limit 0
shaper outbound default traffic-class 8 max-bandwidth 100
shaper outbound default traffic-class 8 max-bandwidth-abs 25000000
shaper outbound default traffic-class 8 max-wait 500
shaper outbound default traffic-class 8 min-bandwidth 30
shaper outbound default traffic-class 8 min-bandwidth-abs 0
shaper outbound default traffic-class 8 priority 5
shaper outbound default traffic-class 9 excess-weight 100
```

```
shaper outbound default traffic-class 9 flow-rate-limit 0
shaper outbound default traffic-class 9 max-bandwidth 100
shaper outbound default traffic-class 9 max-bandwidth-abs 25000000
shaper outbound default traffic-class 9 max-wait 500
shaper outbound default traffic-class 9 min-bandwidth 30
shaper outbound default traffic-class 9 min-bandwidth-abs 0
shaper outbound default traffic-class 9 priority 5
shaper outbound wan accuracy 5000
shaper outbound wan dynamic-bandwidth disable
shaper outbound wan enable
shaper outbound wan max-bandwidth 550000
shaper outbound wan traffic-class 1 excess-weight 100
shaper outbound wan traffic-class 1 flow-rate-limit 0
shaper outbound wan traffic-class 1 max-bandwidth 100
shaper outbound wan traffic-class 1 max-bandwidth-abs 25000000
shaper outbound wan traffic-class 1 max-wait 250
shaper outbound wan traffic-class 1 min-bandwidth 25
shaper outbound wan traffic-class 1 min-bandwidth-abs 0
shaper outbound wan traffic-class 1 priority 1
shaper outbound wan traffic-class 10 excess-weight 100
shaper outbound wan traffic-class 10 flow-rate-limit 0
shaper outbound wan traffic-class 10 max-bandwidth 100
shaper outbound wan traffic-class 10 max-bandwidth-abs 25000000
shaper outbound wan traffic-class 10 max-wait 500
shaper outbound wan traffic-class 10 min-bandwidth 0
shaper outbound wan traffic-class 10 min-bandwidth-abs 0
shaper outbound wan traffic-class 10 priority 10
shaper outbound wan traffic-class 2 excess-weight 100
shaper outbound wan traffic-class 2 flow-rate-limit 0
shaper outbound wan traffic-class 2 max-bandwidth 100
shaper outbound wan traffic-class 2 max-bandwidth-abs 25000000
shaper outbound wan traffic-class 2 max-wait 500
shaper outbound wan traffic-class 2 min-bandwidth 25
shaper outbound wan traffic-class 2 min-bandwidth-abs 0
shaper outbound wan traffic-class 2 priority 2
shaper outbound wan traffic-class 3 excess-weight 100
shaper outbound wan traffic-class 3 flow-rate-limit 0
shaper outbound wan traffic-class 3 max-bandwidth 80
shaper outbound wan traffic-class 3 max-bandwidth-abs 25000000
shaper outbound wan traffic-class 3 max-wait 500
shaper outbound wan traffic-class 3 min-bandwidth 0
shaper outbound wan traffic-class 3 min-bandwidth-abs 0
shaper outbound wan traffic-class 3 priority 3
shaper outbound wan traffic-class 4 excess-weight 100
shaper outbound wan traffic-class 4 flow-rate-limit 0
shaper outbound wan traffic-class 4 max-bandwidth 100
shaper outbound wan traffic-class 4 max-bandwidth-abs 25000000
shaper outbound wan traffic-class 4 max-wait 500
shaper outbound wan traffic-class 4 min-bandwidth 0
shaper outbound wan traffic-class 4 min-bandwidth-abs 0
shaper outbound wan traffic-class 4 priority 4
shaper outbound wan traffic-class 5 excess-weight 100
shaper outbound wan traffic-class 5 flow-rate-limit 0
shaper outbound wan traffic-class 5 max-bandwidth 100
shaper outbound wan traffic-class 5 max-bandwidth-abs 25000000
shaper outbound wan traffic-class 5 max-wait 500
shaper outbound wan traffic-class 5 min-bandwidth 0
shaper outbound wan traffic-class 5 min-bandwidth-abs 0
shaper outbound wan traffic-class 5 priority 5
```

```
      shaper outbound wan traffic-class 6 excess-weight 100
      shaper outbound wan traffic-class 6 flow-rate-limit 0
      shaper outbound wan traffic-class 6 max-bandwidth 100
      shaper outbound wan traffic-class 6 max-bandwidth-abs 25000000
      shaper outbound wan traffic-class 6 max-wait 500
      shaper outbound wan traffic-class 6 min-bandwidth 0
      shaper outbound wan traffic-class 6 min-bandwidth-abs 0
      shaper outbound wan traffic-class 6 priority 6
      shaper outbound wan traffic-class 7 excess-weight 100
      shaper outbound wan traffic-class 7 flow-rate-limit 0
      shaper outbound wan traffic-class 7 max-bandwidth 100
      shaper outbound wan traffic-class 7 max-bandwidth-abs 25000000
      shaper outbound wan traffic-class 7 max-wait 500
      shaper outbound wan traffic-class 7 min-bandwidth 0
      shaper outbound wan traffic-class 7 min-bandwidth-abs 0
      shaper outbound wan traffic-class 7 priority 7
      shaper outbound wan traffic-class 8 excess-weight 100
      shaper outbound wan traffic-class 8 flow-rate-limit 0
      shaper outbound wan traffic-class 8 max-bandwidth 100
      shaper outbound wan traffic-class 8 max-bandwidth-abs 25000000
      shaper outbound wan traffic-class 8 max-wait 500
      shaper outbound wan traffic-class 8 min-bandwidth 0
      shaper outbound wan traffic-class 8 min-bandwidth-abs 0
      shaper outbound wan traffic-class 8 priority 8
      shaper outbound wan traffic-class 9 excess-weight 100
      shaper outbound wan traffic-class 9 flow-rate-limit 0
      shaper outbound wan traffic-class 9 max-bandwidth 100
      shaper outbound wan traffic-class 9 max-bandwidth-abs 25000000
      shaper outbound wan traffic-class 9 max-wait 500
      shaper outbound wan traffic-class 9 min-bandwidth 0
      shaper outbound wan traffic-class 9 min-bandwidth-abs 0
      shaper outbound wan traffic-class 9 priority 9
      traffic-class 1 name RealTime
      traffic-class 10 name UNUSED10
      traffic-class 2 name CriticalApps
      traffic-class 3 name BulkApps
      traffic-class 4 name Default
      traffic-class 5 name UNUSED5
      traffic-class 6 name UNUSED6
      traffic-class 7 name UNUSED7
      traffic-class 8 name UNUSED8
      traffic-class 9 name UNUSED9

##
## Tunnel Creation
##
      interface tunnel bondedTunnel_149 create bonded-tunnel tag-name CaptWhite bonded-id 7
      interface tunnel bondedTunnel_222 create bonded-tunnel tag-name LAB_5030 bonded-id 3
      interface tunnel bondedTunnel_223 create bonded-tunnel tag-name LAB_5030 bonded-id 3
      interface tunnel bondedTunnel_26 create bonded-tunnel tag-name DefaultOverlay bonded-id 4
      interface tunnel bondedTunnel_27 create bonded-tunnel tag-name LAB_5030 bonded-id 3
      interface tunnel bondedTunnel_28 create bonded-tunnel tag-name CriticalApps bonded-id 2
      interface tunnel bondedTunnel_29 create bonded-tunnel tag-name RealTime bonded-id 1
      interface tunnel passThrough_122 create 192.168.18.1 0.0.0.0 100 auto no_encap
      interface tunnel passThrough_195 create 192.168.86.24 0.0.0.0 100 auto no_encap
      interface tunnel passThrough_196 create 192.168.86.24 0.0.0.0 100 auto no_encap
      interface tunnel passThrough_198 create 192.168.86.24 0.0.0.0 100 auto no_encap
      interface tunnel passThrough_199 create 192.168.86.24 0.0.0.0 100 auto no_encap
      interface tunnel passThrough_200 create 192.168.86.24 0.0.0.0 100 auto no_encap
```

```
    interface tunnel passThrough_210 create 172.28.1.1 0.0.0.0 100 auto no_encap
    interface tunnel passThrough_218 create 12.0.0.8 0.0.0.0 100 auto no_encap
    interface tunnel passThrough_219 create 192.168.86.24 0.0.0.0 100 auto no_encap
    interface tunnel tunnel_201 create 192.168.86.24 107.215.36.181 100 auto udp_sp
    interface tunnel tunnel_220 create 192.168.86.24 192.168.86.28 100 auto udp_sp
    interface tunnel tunnel_221 create 192.168.86.24 104.191.57.147 100 auto udp_sp

##
## Tunnel Config
##
    interface tunnel bondedTunnel_149 admin up
    interface tunnel bondedTunnel_149 alias to_Baton-Rouge-EC_CaptWhite
    interface tunnel bondedTunnel_149 bind-tunnel tunnel_201
    interface tunnel bondedTunnel_149 control-packet dscp be
    interface tunnel bondedTunnel_149 gms-marked
    interface tunnel bondedTunnel_149 gre-protocol 2048
    interface tunnel bondedTunnel_149 max-bandwidth 50000
    interface tunnel bondedTunnel_149 nat-mode none
    interface tunnel bondedTunnel_149 packet coalesce enable
    interface tunnel bondedTunnel_149 packet coalesce wait 0
    interface tunnel bondedTunnel_149 packet fec disable
    interface tunnel bondedTunnel_149 packet fec ratio 1:10
    interface tunnel bondedTunnel_149 packet reorder wait 100
    interface tunnel bondedTunnel_149 peer-name ""
    interface tunnel bondedTunnel_149 threshold fastfail disable
    interface tunnel bondedTunnel_149 threshold fastfail-wait base-ms 150
    interface tunnel bondedTunnel_149 threshold fastfail-wait rtt-x 2
    interface tunnel bondedTunnel_149 threshold jitter 0
    interface tunnel bondedTunnel_149 threshold latency 0
    interface tunnel bondedTunnel_149 threshold loss 0.000000
    interface tunnel bondedTunnel_149 threshold retry-count 30
    interface tunnel bondedTunnel_222 admin up
    interface tunnel bondedTunnel_222 alias to_KW-10106_LAB_5030
    interface tunnel bondedTunnel_222 bind-tunnel tunnel_220
    interface tunnel bondedTunnel_222 control-packet dscp be
    interface tunnel bondedTunnel_222 gms-marked
    interface tunnel bondedTunnel_222 gre-protocol 2048
    interface tunnel bondedTunnel_222 max-bandwidth 50000
    interface tunnel bondedTunnel_222 nat-mode none
    interface tunnel bondedTunnel_222 packet coalesce enable
    interface tunnel bondedTunnel_222 packet coalesce wait 0
    interface tunnel bondedTunnel_222 packet fec disable
    interface tunnel bondedTunnel_222 packet fec ratio 1:10
    interface tunnel bondedTunnel_222 packet reorder wait 100
    interface tunnel bondedTunnel_222 peer-name unassigned
    interface tunnel bondedTunnel_222 threshold fastfail disable
    interface tunnel bondedTunnel_222 threshold fastfail-wait base-ms 150
    interface tunnel bondedTunnel_222 threshold fastfail-wait rtt-x 2
    interface tunnel bondedTunnel_222 threshold jitter 0
    interface tunnel bondedTunnel_222 threshold latency 0
    interface tunnel bondedTunnel_222 threshold loss 0.000000
    interface tunnel bondedTunnel_222 threshold retry-count 30
    interface tunnel bondedTunnel_223 admin up
    interface tunnel bondedTunnel_223 alias to_USN-VIL-E01_LAB_5030
    interface tunnel bondedTunnel_223 bind-tunnel tunnel_221
    interface tunnel bondedTunnel_223 control-packet dscp be
    interface tunnel bondedTunnel_223 gms-marked
    interface tunnel bondedTunnel_223 gre-protocol 2048
    interface tunnel bondedTunnel_223 max-bandwidth 50000
```

```
interface tunnel bondedTunnel_223 nat-mode none
interface tunnel bondedTunnel_223 packet coalesce enable
interface tunnel bondedTunnel_223 packet coalesce wait 0
interface tunnel bondedTunnel_223 packet fec disable
interface tunnel bondedTunnel_223 packet fec ratio 1:10
interface tunnel bondedTunnel_223 packet reorder wait 100
interface tunnel bondedTunnel_223 peer-name unassigned
interface tunnel bondedTunnel_223 threshold fastfail disable
interface tunnel bondedTunnel_223 threshold fastfail-wait base-ms 150
interface tunnel bondedTunnel_223 threshold fastfail-wait rtt-x 2
interface tunnel bondedTunnel_223 threshold jitter 0
interface tunnel bondedTunnel_223 threshold latency 0
interface tunnel bondedTunnel_223 threshold loss 0.000000
interface tunnel bondedTunnel_223 threshold retry-count 30
interface tunnel bondedTunnel_26 admin up
interface tunnel bondedTunnel_26 alias to_Baton-Rouge-EC_DefaultOverlay
interface tunnel bondedTunnel_26 bind-tunnel tunnel_201
interface tunnel bondedTunnel_26 control-packet dscp be
interface tunnel bondedTunnel_26 gms-marked
interface tunnel bondedTunnel_26 gre-protocol 2048
interface tunnel bondedTunnel_26 max-bandwidth 50000
interface tunnel bondedTunnel_26 nat-mode none
interface tunnel bondedTunnel_26 packet coalesce enable
interface tunnel bondedTunnel_26 packet coalesce wait 0
interface tunnel bondedTunnel_26 packet fec disable
interface tunnel bondedTunnel_26 packet fec ratio 1:10
interface tunnel bondedTunnel_26 packet reorder wait 100
interface tunnel bondedTunnel_26 peer-name ""
interface tunnel bondedTunnel_26 threshold fastfail disable
interface tunnel bondedTunnel_26 threshold fastfail-wait base-ms 150
interface tunnel bondedTunnel_26 threshold fastfail-wait rtt-x 2
interface tunnel bondedTunnel_26 threshold jitter 0
interface tunnel bondedTunnel_26 threshold latency 0
interface tunnel bondedTunnel_26 threshold loss 0.000000
interface tunnel bondedTunnel_26 threshold retry-count 30
interface tunnel bondedTunnel_27 admin up
interface tunnel bondedTunnel_27 alias to_Baton-Rouge-EC_LAB_5030
interface tunnel bondedTunnel_27 bind-tunnel tunnel_201
interface tunnel bondedTunnel_27 control-packet dscp be
interface tunnel bondedTunnel_27 gms-marked
interface tunnel bondedTunnel_27 gre-protocol 2048
interface tunnel bondedTunnel_27 max-bandwidth 50000
interface tunnel bondedTunnel_27 nat-mode none
interface tunnel bondedTunnel_27 packet coalesce enable
interface tunnel bondedTunnel_27 packet coalesce wait 0
interface tunnel bondedTunnel_27 packet fec disable
interface tunnel bondedTunnel_27 packet fec ratio 1:10
interface tunnel bondedTunnel_27 packet reorder wait 100
interface tunnel bondedTunnel_27 peer-name ""
interface tunnel bondedTunnel_27 threshold fastfail disable
interface tunnel bondedTunnel_27 threshold fastfail-wait base-ms 150
interface tunnel bondedTunnel_27 threshold fastfail-wait rtt-x 2
interface tunnel bondedTunnel_27 threshold jitter 0
interface tunnel bondedTunnel_27 threshold latency 0
interface tunnel bondedTunnel_27 threshold loss 0.000000
interface tunnel bondedTunnel_27 threshold retry-count 30
interface tunnel bondedTunnel_28 admin up
interface tunnel bondedTunnel_28 alias to_Baton-Rouge-EC_CriticalApps
interface tunnel bondedTunnel_28 bind-tunnel tunnel_201
```

```
interface tunnel bondedTunnel_28 control-packet dscp be
interface tunnel bondedTunnel_28 gms-marked
interface tunnel bondedTunnel_28 gre-protocol 2048
interface tunnel bondedTunnel_28 max-bandwidth 50000
interface tunnel bondedTunnel_28 nat-mode none
interface tunnel bondedTunnel_28 packet coalesce enable
interface tunnel bondedTunnel_28 packet coalesce wait 0
interface tunnel bondedTunnel_28 packet fec disable
interface tunnel bondedTunnel_28 packet fec ratio 1:10
interface tunnel bondedTunnel_28 packet reorder wait 100
interface tunnel bondedTunnel_28 peer-name ""
interface tunnel bondedTunnel_28 threshold fastfail disable
interface tunnel bondedTunnel_28 threshold fastfail-wait base-ms 150
interface tunnel bondedTunnel_28 threshold fastfail-wait rtt-x 2
interface tunnel bondedTunnel_28 threshold jitter 0
interface tunnel bondedTunnel_28 threshold latency 0
interface tunnel bondedTunnel_28 threshold loss 0.000000
interface tunnel bondedTunnel_28 threshold retry-count 30
interface tunnel bondedTunnel_29 admin up
interface tunnel bondedTunnel_29 alias to_Baton-Rouge-EC_RealTime
interface tunnel bondedTunnel_29 bind-tunnel tunnel_201
interface tunnel bondedTunnel_29 control-packet dscp be
interface tunnel bondedTunnel_29 gms-marked
interface tunnel bondedTunnel_29 gre-protocol 2048
interface tunnel bondedTunnel_29 max-bandwidth 50000
interface tunnel bondedTunnel_29 nat-mode none
interface tunnel bondedTunnel_29 packet coalesce enable
interface tunnel bondedTunnel_29 packet coalesce wait 0
interface tunnel bondedTunnel_29 packet fec disable
interface tunnel bondedTunnel_29 packet fec ratio 1:10
interface tunnel bondedTunnel_29 packet reorder wait 100
interface tunnel bondedTunnel_29 peer-name ""
interface tunnel bondedTunnel_29 threshold fastfail disable
interface tunnel bondedTunnel_29 threshold fastfail-wait base-ms 150
interface tunnel bondedTunnel_29 threshold fastfail-wait rtt-x 2
interface tunnel bondedTunnel_29 threshold jitter 0
interface tunnel bondedTunnel_29 threshold latency 0
interface tunnel bondedTunnel_29 threshold loss 0.000000
interface tunnel bondedTunnel_29 threshold retry-count 30
interface tunnel passThrough_122 admin up
interface tunnel passThrough_122 alias Passthrough_FSE_lan0
interface tunnel passThrough_122 control-packet dscp be
interface tunnel passThrough_122 gms-marked
interface tunnel passThrough_122 gre-protocol 2048
interface tunnel passThrough_122 max-bandwidth 0
interface tunnel passThrough_122 nat-mode none
interface tunnel passThrough_122 packet coalesce enable
interface tunnel passThrough_122 packet coalesce wait 0
interface tunnel passThrough_122 packet fec disable
interface tunnel passThrough_122 packet fec ratio 1:10
interface tunnel passThrough_122 packet reorder wait 100
interface tunnel passThrough_122 peer-name ""
interface tunnel passThrough_122 tag-name lan0
interface tunnel passThrough_122 threshold fastfail disable
interface tunnel passThrough_122 threshold fastfail-wait base-ms 150
interface tunnel passThrough_122 threshold fastfail-wait rtt-x 2
interface tunnel passThrough_122 threshold jitter 0
interface tunnel passThrough_122 threshold latency 0
interface tunnel passThrough_122 threshold loss 0.000000
```

```
interface tunnel passThrough_122 threshold retry-count 30
interface tunnel passThrough_122 udp-flow 256
interface tunnel passThrough_122 udp-port 4163
interface tunnel passThrough_195 admin up
interface tunnel passThrough_195 alias Passthrough_INET1_RealTime
interface tunnel passThrough_195 control-packet dscp be
interface tunnel passThrough_195 gms-marked
interface tunnel passThrough_195 gre-protocol 2048
interface tunnel passThrough_195 max-bandwidth 0
interface tunnel passThrough_195 nat-mode none
interface tunnel passThrough_195 packet coalesce enable
interface tunnel passThrough_195 packet coalesce wait 0
interface tunnel passThrough_195 packet fec disable
interface tunnel passThrough_195 packet fec ratio 1:10
interface tunnel passThrough_195 packet reorder wait 100
interface tunnel passThrough_195 peer-name Overlay_RealTime_Primary
interface tunnel passThrough_195 tag-name 2-1
interface tunnel passThrough_195 threshold fastfail disable
interface tunnel passThrough_195 threshold fastfail-wait base-ms 150
interface tunnel passThrough_195 threshold fastfail-wait rtt-x 2
interface tunnel passThrough_195 threshold jitter 0
interface tunnel passThrough_195 threshold latency 0
interface tunnel passThrough_195 threshold loss 0.000000
interface tunnel passThrough_195 threshold retry-count 30
interface tunnel passThrough_195 udp-flow 256
interface tunnel passThrough_195 udp-port 4163
interface tunnel passThrough_196 admin up
interface tunnel passThrough_196 alias Passthrough_INET1_CriticalApps
interface tunnel passThrough_196 control-packet dscp be
interface tunnel passThrough_196 gms-marked
interface tunnel passThrough_196 gre-protocol 2048
interface tunnel passThrough_196 max-bandwidth 0
interface tunnel passThrough_196 nat-mode none
interface tunnel passThrough_196 packet coalesce enable
interface tunnel passThrough_196 packet coalesce wait 0
interface tunnel passThrough_196 packet fec disable
interface tunnel passThrough_196 packet fec ratio 1:10
interface tunnel passThrough_196 packet reorder wait 100
interface tunnel passThrough_196 peer-name Overlay_CriticalApps_Primary
interface tunnel passThrough_196 tag-name 2-2
interface tunnel passThrough_196 threshold fastfail disable
interface tunnel passThrough_196 threshold fastfail-wait base-ms 150
interface tunnel passThrough_196 threshold fastfail-wait rtt-x 2
interface tunnel passThrough_196 threshold jitter 0
interface tunnel passThrough_196 threshold latency 0
interface tunnel passThrough_196 threshold loss 0.000000
interface tunnel passThrough_196 threshold retry-count 30
interface tunnel passThrough_196 udp-flow 256
interface tunnel passThrough_196 udp-port 4163
interface tunnel passThrough_198 admin up
interface tunnel passThrough_198 alias Passthrough_INET1_wan2
interface tunnel passThrough_198 control-packet dscp be
interface tunnel passThrough_198 gms-marked
interface tunnel passThrough_198 gre-protocol 2048
interface tunnel passThrough_198 max-bandwidth 0
interface tunnel passThrough_198 nat-mode none
interface tunnel passThrough_198 packet coalesce enable
interface tunnel passThrough_198 packet coalesce wait 0
interface tunnel passThrough_198 packet fec disable
```

```
interface tunnel passThrough_198 packet fec ratio 1:10
interface tunnel passThrough_198 packet reorder wait 100
interface tunnel passThrough_198 peer-name unassigned
interface tunnel passThrough_198 tag-name wan2
interface tunnel passThrough_198 threshold fastfail disable
interface tunnel passThrough_198 threshold fastfail-wait base-ms 150
interface tunnel passThrough_198 threshold fastfail-wait rtt-x 2
interface tunnel passThrough_198 threshold jitter 0
interface tunnel passThrough_198 threshold latency 0
interface tunnel passThrough_198 threshold loss 0.000000
interface tunnel passThrough_198 threshold retry-count 30
interface tunnel passThrough_198 udp-flow 256
interface tunnel passThrough_198 udp-port 4163
interface tunnel passThrough_199 admin up
interface tunnel passThrough_199 alias Passthrough_INET1_DefaultOverlay
interface tunnel passThrough_199 control-packet dscp be
interface tunnel passThrough_199 gms-marked
interface tunnel passThrough_199 gre-protocol 2048
interface tunnel passThrough_199 max-bandwidth 0
interface tunnel passThrough_199 nat-mode none
interface tunnel passThrough_199 packet coalesce enable
interface tunnel passThrough_199 packet coalesce wait 0
interface tunnel passThrough_199 packet fec disable
interface tunnel passThrough_199 packet fec ratio 1:10
interface tunnel passThrough_199 packet reorder wait 100
interface tunnel passThrough_199 peer-name unassigned
interface tunnel passThrough_199 tag-name 2-4
interface tunnel passThrough_199 threshold fastfail disable
interface tunnel passThrough_199 threshold fastfail-wait base-ms 150
interface tunnel passThrough_199 threshold fastfail-wait rtt-x 2
interface tunnel passThrough_199 threshold jitter 0
interface tunnel passThrough_199 threshold latency 0
interface tunnel passThrough_199 threshold loss 0.000000
interface tunnel passThrough_199 threshold retry-count 30
interface tunnel passThrough_199 udp-flow 256
interface tunnel passThrough_199 udp-port 4163
interface tunnel passThrough_200 admin up
interface tunnel passThrough_200 alias Passthrough_INET1_CaptWhite
interface tunnel passThrough_200 control-packet dscp be
interface tunnel passThrough_200 gms-marked
interface tunnel passThrough_200 gre-protocol 2048
interface tunnel passThrough_200 max-bandwidth 0
interface tunnel passThrough_200 nat-mode none
interface tunnel passThrough_200 packet coalesce enable
interface tunnel passThrough_200 packet coalesce wait 0
interface tunnel passThrough_200 packet fec disable
interface tunnel passThrough_200 packet fec ratio 1:10
interface tunnel passThrough_200 packet reorder wait 100
interface tunnel passThrough_200 peer-name unassigned
interface tunnel passThrough_200 tag-name 2-7
interface tunnel passThrough_200 threshold fastfail disable
interface tunnel passThrough_200 threshold fastfail-wait base-ms 150
interface tunnel passThrough_200 threshold fastfail-wait rtt-x 2
interface tunnel passThrough_200 threshold jitter 0
interface tunnel passThrough_200 threshold latency 0
interface tunnel passThrough_200 threshold loss 0.000000
interface tunnel passThrough_200 threshold retry-count 30
interface tunnel passThrough_200 udp-flow 256
interface tunnel passThrough_200 udp-port 4163
```

```
interface tunnel passThrough_210 admin up
interface tunnel passThrough_210 alias Passthrough_OVERLAY_L1_lan1
interface tunnel passThrough_210 control-packet dscp be
interface tunnel passThrough_210 gms-marked
interface tunnel passThrough_210 gre-protocol 2048
interface tunnel passThrough_210 max-bandwidth 0
interface tunnel passThrough_210 nat-mode none
interface tunnel passThrough_210 packet coalesce enable
interface tunnel passThrough_210 packet coalesce wait 0
interface tunnel passThrough_210 packet fec disable
interface tunnel passThrough_210 packet fec ratio 1:10
interface tunnel passThrough_210 packet reorder wait 100
interface tunnel passThrough_210 peer-name unassigned
interface tunnel passThrough_210 tag-name lan1
interface tunnel passThrough_210 threshold fastfail disable
interface tunnel passThrough_210 threshold fastfail-wait base-ms 150
interface tunnel passThrough_210 threshold fastfail-wait rtt-x 2
interface tunnel passThrough_210 threshold jitter 0
interface tunnel passThrough_210 threshold latency 0
interface tunnel passThrough_210 threshold loss 0.000000
interface tunnel passThrough_210 threshold retry-count 30
interface tunnel passThrough_210 udp-flow 256
interface tunnel passThrough_210 udp-port 4163
interface tunnel passThrough_218 admin up
interface tunnel passThrough_218 alias Passthrough_wan1
interface tunnel passThrough_218 control-packet dscp be
interface tunnel passThrough_218 gms-marked
interface tunnel passThrough_218 gre-protocol 2048
interface tunnel passThrough_218 max-bandwidth 0
interface tunnel passThrough_218 nat-mode none
interface tunnel passThrough_218 packet coalesce enable
interface tunnel passThrough_218 packet coalesce wait 0
interface tunnel passThrough_218 packet fec disable
interface tunnel passThrough_218 packet fec ratio 1:10
interface tunnel passThrough_218 packet reorder wait 100
interface tunnel passThrough_218 peer-name unassigned
interface tunnel passThrough_218 tag-name wan1
interface tunnel passThrough_218 threshold fastfail disable
interface tunnel passThrough_218 threshold fastfail-wait base-ms 150
interface tunnel passThrough_218 threshold fastfail-wait rtt-x 2
interface tunnel passThrough_218 threshold jitter 0
interface tunnel passThrough_218 threshold latency 0
interface tunnel passThrough_218 threshold loss 0.000000
interface tunnel passThrough_218 threshold retry-count 30
interface tunnel passThrough_218 udp-flow 256
interface tunnel passThrough_218 udp-port 4163
interface tunnel passThrough_219 admin up
interface tunnel passThrough_219 alias Passthrough_INET1_LAB_5030
interface tunnel passThrough_219 control-packet dscp be
interface tunnel passThrough_219 gms-marked
interface tunnel passThrough_219 gre-protocol 2048
interface tunnel passThrough_219 max-bandwidth 0
interface tunnel passThrough_219 nat-mode none
interface tunnel passThrough_219 packet coalesce enable
interface tunnel passThrough_219 packet coalesce wait 0
interface tunnel passThrough_219 packet fec disable
interface tunnel passThrough_219 packet fec ratio 1:10
interface tunnel passThrough_219 packet reorder wait 100
interface tunnel passThrough_219 peer-name unassigned
```

```
interface tunnel passThrough_219 tag-name 2-3
interface tunnel passThrough_219 threshold fastfail disable
interface tunnel passThrough_219 threshold fastfail-wait base-ms 150
interface tunnel passThrough_219 threshold fastfail-wait rtt-x 2
interface tunnel passThrough_219 threshold jitter 0
interface tunnel passThrough_219 threshold latency 0
interface tunnel passThrough_219 threshold loss 0.000000
interface tunnel passThrough_219 threshold retry-count 30
interface tunnel passThrough_219 udp-flow 256
interface tunnel passThrough_219 udp-port 4163
interface tunnel tunnel_201 admin up
interface tunnel tunnel_201 alias to_Baton-Rouge-EC_INET1-INET1
interface tunnel tunnel_201 control-packet dscp be
interface tunnel tunnel_201 gms-marked
interface tunnel tunnel_201 gre-protocol 2048
interface tunnel tunnel_201 max-bandwidth 50000
interface tunnel tunnel_201 nat-mode none
interface tunnel tunnel_201 packet coalesce enable
interface tunnel tunnel_201 packet coalesce wait 0
interface tunnel tunnel_201 packet fec auto
interface tunnel tunnel_201 packet fec ratio 1:10
interface tunnel tunnel_201 packet reorder wait 100
interface tunnel tunnel_201 peer-name unassigned
interface tunnel tunnel_201 tag-name 2-2
interface tunnel tunnel_201 threshold fastfail enable
interface tunnel tunnel_201 threshold fastfail-wait base-ms 150
interface tunnel tunnel_201 threshold fastfail-wait rtt-x 5
interface tunnel tunnel_201 threshold jitter 0
interface tunnel tunnel_201 threshold latency 0
interface tunnel tunnel_201 threshold loss 0.000000
interface tunnel tunnel_201 threshold retry-count 30
interface tunnel tunnel_201 udp-flow 256
interface tunnel tunnel_201 udp-port 4163
interface tunnel tunnel_220 admin up
interface tunnel tunnel_220 alias to_KW-10106_INET1-INET2
interface tunnel tunnel_220 control-packet dscp be
interface tunnel tunnel_220 gms-marked
interface tunnel tunnel_220 gre-protocol 2048
interface tunnel tunnel_220 max-bandwidth 50000
interface tunnel tunnel_220 nat-mode none
interface tunnel tunnel_220 packet coalesce enable
interface tunnel tunnel_220 packet coalesce wait 0
interface tunnel tunnel_220 packet fec auto
interface tunnel tunnel_220 packet fec ratio 1:10
interface tunnel tunnel_220 packet reorder wait 100
interface tunnel tunnel_220 peer-name unassigned
interface tunnel tunnel_220 tag-name 2-6
interface tunnel tunnel_220 threshold fastfail enable
interface tunnel tunnel_220 threshold fastfail-wait base-ms 150
interface tunnel tunnel_220 threshold fastfail-wait rtt-x 5
interface tunnel tunnel_220 threshold jitter 0
interface tunnel tunnel_220 threshold latency 0
interface tunnel tunnel_220 threshold loss 0.000000
interface tunnel tunnel_220 threshold retry-count 30
interface tunnel tunnel_220 udp-flow 256
interface tunnel tunnel_220 udp-port 4163
interface tunnel tunnel_221 admin up
interface tunnel tunnel_221 alias to_USN-VIL-E01_INET1-INET1
interface tunnel tunnel_221 control-packet dscp be
```

```
interface tunnel tunnel_221 gms-marked
interface tunnel tunnel_221 gre-protocol 2048
interface tunnel tunnel_221 max-bandwidth 50000
interface tunnel tunnel_221 nat-mode none
interface tunnel tunnel_221 packet coalesce enable
interface tunnel tunnel_221 packet coalesce wait 0
interface tunnel tunnel_221 packet fec auto
interface tunnel tunnel_221 packet fec ratio 1:10
interface tunnel tunnel_221 packet reorder wait 100
interface tunnel tunnel_221 peer-name unassigned
interface tunnel tunnel_221 tag-name 2-2
interface tunnel tunnel_221 threshold fastfail enable
interface tunnel tunnel_221 threshold fastfail-wait base-ms 150
interface tunnel tunnel_221 threshold fastfail-wait rtt-x 5
interface tunnel tunnel_221 threshold jitter 0
interface tunnel tunnel_221 threshold latency 0
interface tunnel tunnel_221 threshold loss 0.000000
interface tunnel tunnel_221 threshold retry-count 30
interface tunnel tunnel_221 udp-flow 256
interface tunnel tunnel_221 udp-port 4163
interface tunnel tunnel_201 ipsec enable
interface tunnel tunnel_220 ipsec enable
interface tunnel tunnel_221 ipsec enable
interface tunnel tunnel_201 ipsec auth-algorithm default
interface tunnel tunnel_201 ipsec crypto-algorithm aes128
interface tunnel tunnel_201 ipsec dhgroup 14
interface tunnel tunnel_201 ipsec dpd-delay 10
interface tunnel tunnel_201 ipsec esn enable
interface tunnel tunnel_201 ipsec exchange-mode default
interface tunnel tunnel_201 ipsec ike-auth-algo default
interface tunnel tunnel_201 ipsec ike-crypto-algo default
interface tunnel tunnel_201 ipsec ike-id-local
interface tunnel tunnel_201 ipsec ike-id-remote
interface tunnel tunnel_201 ipsec ike-lifetime 360
interface tunnel tunnel_201 ipsec ike-prf auto
interface tunnel tunnel_201 ipsec ike-version 1
interface tunnel tunnel_201 ipsec lifebyte 0
interface tunnel tunnel_201 ipsec lifetime 360
interface tunnel tunnel_201 ipsec pfs enable
interface tunnel tunnel_201 ipsec pfsgroup 14
interface tunnel tunnel_201 ipsec replay-check-window 1024
interface tunnel tunnel_220 ipsec auth-algorithm default
interface tunnel tunnel_220 ipsec crypto-algorithm aes128
interface tunnel tunnel_220 ipsec dhgroup 14
interface tunnel tunnel_220 ipsec dpd-delay 10
interface tunnel tunnel_220 ipsec esn enable
interface tunnel tunnel_220 ipsec exchange-mode default
interface tunnel tunnel_220 ipsec ike-auth-algo default
interface tunnel tunnel_220 ipsec ike-crypto-algo default
interface tunnel tunnel_220 ipsec ike-id-local
interface tunnel tunnel_220 ipsec ike-id-remote
interface tunnel tunnel_220 ipsec ike-lifetime 360
interface tunnel tunnel_220 ipsec ike-prf auto
interface tunnel tunnel_220 ipsec ike-version 1
interface tunnel tunnel_220 ipsec lifebyte 0
interface tunnel tunnel_220 ipsec lifetime 360
interface tunnel tunnel_220 ipsec pfs enable
interface tunnel tunnel_220 ipsec pfsgroup 14
interface tunnel tunnel_220 ipsec replay-check-window 1024
```

```
    interface tunnel tunnel_221 ipsec auth-algorithm default
    interface tunnel tunnel_221 ipsec crypto-algorithm aes128
    interface tunnel tunnel_221 ipsec dhgroup 14
    interface tunnel tunnel_221 ipsec dpd-delay 10
    interface tunnel tunnel_221 ipsec esn enable
    interface tunnel tunnel_221 ipsec exchange-mode default
    interface tunnel tunnel_221 ipsec ike-auth-algo default
    interface tunnel tunnel_221 ipsec ike-crypto-algo default
    interface tunnel tunnel_221 ipsec ike-id-local
    interface tunnel tunnel_221 ipsec ike-id-remote
    interface tunnel tunnel_221 ipsec ike-lifetime 360
    interface tunnel tunnel_221 ipsec ike-prf auto
    interface tunnel tunnel_221 ipsec ike-version 1
    interface tunnel tunnel_221 ipsec lifebyte 0
    interface tunnel tunnel_221 ipsec lifetime 360
    interface tunnel tunnel_221 ipsec pfs enable
    interface tunnel tunnel_221 ipsec pfsgroup 14
    interface tunnel tunnel_221 ipsec replay-check-window 1024

##
## Pass-Through Config
##
    interface pass-through min-bandwidth 1000000000

##
## Application Config
##
    application-group citrix citrix-bcast,citrix-cgp,citrix-ica,citrix-ima
    application-group encrypted ddm_ssl,https,imap4s,ipsec,nntps,pop3s,smtps,ssh,telnets
    application-group interactive pcanywhere,pcoip,ssh,telnet,telnets,vnc,xwindows
    application-group real-time cisco_skinny,h_323,rtcp,rtp,rtp_mux,rtp_video,rtp_voice,rtsp,sip,sip_tls,t_120
    application-group replication
app_assure_replication,app_assure_svr_backup,aspera,avamar,bluearc,celerra,centera,commvault,datadomain,doubletake,netvault_replication,recoverpoint,
snapmirror,vplex,vsphere_replication_ini,vsphere_replication_ong,vvr,zerto_mgmt,zerto_replication

##
## DNS Config
##
    dns cache dns-snoop enable
    dns cache http enable
    dns cache src-ip disable

##
## Access-List Config
##
    access-list Overlay_CriticalApps 1000 comment ""
    access-list Overlay_CriticalApps 1000 permit matchstr application:Webex
    access-list Overlay_CriticalApps 1010 comment ""
    access-list Overlay_CriticalApps 1010 permit matchstr application:Salesforce
    access-list Overlay_CriticalApps 1020 comment ""
    access-list Overlay_CriticalApps 1020 permit matchstr application:SharePointOnline
    access-list Overlay_CriticalApps 1030 comment ""
    access-list Overlay_CriticalApps 1030 permit matchstr application:Office365Exchange
    access-list Overlay_CriticalApps 1040 comment ""
    access-list Overlay_CriticalApps 1040 permit matchstr application:Slack
    access-list Overlay_CriticalApps 1050 comment ""
    access-list Overlay_CriticalApps 1050 permit matchstr application:Workday
    access-list Overlay_CriticalApps 1060 comment ""
    access-list Overlay_CriticalApps 1060 permit matchstr application:Adp
```

```
    access-list Overlay_CriticalApps 1070 comment ""
    access-list Overlay_CriticalApps 1070 permit matchstr application:ServiceNow
    access-list Overlay_CriticalApps 1080 comment ""
    access-list Overlay_CriticalApps 1080 permit matchstr application:GoToMeeting
    access-list Overlay_CriticalApps 1090 comment ""
    access-list Overlay_CriticalApps 1090 permit matchstr application:Atlassian
    access-list Overlay_CriticalApps 1100 comment ""
    access-list Overlay_CriticalApps 1100 permit matchstr application:Marketo
    access-list Overlay_CriticalApps 1110 comment ""
    access-list Overlay_CriticalApps 1110 permit matchstr application:Tableau
    access-list Overlay_CriticalApps 1120 comment ""
    access-list Overlay_CriticalApps 1120 permit matchstr application:Citrix
    access-list Overlay_CriticalApps 1130 comment ""
    access-list Overlay_CriticalApps 1130 permit matchstr application:SAP
    access-list Overlay_CriticalApps 1140 comment ""
    access-list Overlay_CriticalApps 1140 permit matchstr application:Ms_terminal_services
    access-list Overlay_CriticalApps 1150 comment ""
    access-list Overlay_CriticalApps 1150 permit matchstr application:Pcoip
    access-list Overlay_CriticalApps 1160 comment ""
    access-list Overlay_CriticalApps 1160 permit matchstr app_group:SilverPeak
    access-list Overlay_CriticalApps 1170 comment ""
    access-list Overlay_CriticalApps 1170 permit matchstr application:Dns
    access-list Overlay_DefaultOverlay 1000 comment "Default overlay for all other traffic."
    access-list Overlay_DefaultOverlay 1000 permit matchstr any
    access-list Overlay_RealTime 1010 comment ""
    access-list Overlay_RealTime 1010 permit matchstr dscp:ef
    access-list Overlay_RealTime 1020 comment ""
    access-list Overlay_RealTime 1020 permit matchstr application:RingCentral
    access-list Overlay_RealTime 1030 comment ""
    access-list Overlay_RealTime 1030 permit matchstr application:8X8
    access-list Overlay_RealTime 1040 comment ""
    access-list Overlay_RealTime 1040 permit matchstr application:SkypeForBusiness
    access-list Overlay_RealTime 1050 comment ""
    access-list Overlay_RealTime 1050 permit matchstr application:BlueJeans
    access-list Overlay_RealTime 1060 comment ""
    access-list Overlay_RealTime 1060 permit matchstr application:Zoom
    access-list Overlay_RealTime 1070 comment ""
    access-list Overlay_RealTime 1070 permit matchstr application:Rtp
    access-list Overlay_RealTime 1080 comment ""
    access-list Overlay_RealTime 1080 permit matchstr application:Rtp_mux
    access-list Overlay_RealTime 1090 comment ""
    access-list Overlay_RealTime 1090 permit matchstr application:Rtp_video
    access-list Overlay_RealTime 1100 comment ""
    access-list Overlay_RealTime 1100 permit matchstr application:Rtp_voice
    access-list Overlay_RealTime 1110 comment ""
    access-list Overlay_RealTime 1110 permit matchstr application:Sip
    access-list Overlay_RealTime 1120 comment ""
    access-list Overlay_RealTime 1120 permit matchstr application:Sip_tls
    access-list Overlay_RealTime 1130 comment ""
    access-list Overlay_RealTime 1130 permit matchstr application:H_323
    access-list Overlay_RealTime 1140 comment ""
    access-list Overlay_RealTime 1140 permit matchstr application:Rtcp
    access-list Overlay_RealTime 1150 comment ""
    access-list Overlay_RealTime 1150 permit matchstr app_group:Voice
    access-list Overlay_RealTime 1160 comment ""
    access-list Overlay_RealTime 1160 permit matchstr app_group:Real-Time

##
## Policy Config
```

```
##
    nat-map map1 65535 comment ""
    nat-map map1 65535 set nat-type no-nat direction none nat-ip auto fallback disable
    nat-map map1 activate
no opt-map map1 10000
no opt-map map1 10010
    opt-map map1 10020 comment ""
    opt-map map1 10020 match matchstr protocol:tcp,either_port:443
no opt-map map1 10021
no opt-map map1 10030
no opt-map map1 10040
    opt-map map1 10070 comment ""
    opt-map map1 10070 match matchstr protocol:tcp,either_port:9100
    opt-map map1 10070 set advanced-tcp e2e-fin-handling 0
    opt-map map1 10070 set advanced-tcp max-l2w-buffer 256
    opt-map map1 10070 set advanced-tcp max-w2l-buffer 256
no opt-map map1 10071
    opt-map map1 65535 comment ""
    opt-map map1 activate
    qos-map map1 20000 comment "Generated by system for overlay: LAB_5030"
    qos-map map1 20000 match matchstr overlay:3
    qos-map map1 20000 set traffic-class 3 lan-qos trust-lan wan-qos trust-lan
    qos-map map1 20001 comment "Generated by system for overlay: RealTime"
    qos-map map1 20001 match matchstr overlay:1
    qos-map map1 20001 set traffic-class 1 lan-qos trust-lan wan-qos trust-lan
    qos-map map1 20002 comment "Generated by system for overlay: CaptWhite"
    qos-map map1 20002 match matchstr overlay:7
    qos-map map1 20002 set traffic-class 1 lan-qos trust-lan wan-qos be
    qos-map map1 20003 comment "Generated by system for overlay: CriticalApps"
    qos-map map1 20003 match matchstr overlay:2
    qos-map map1 20003 set traffic-class 2 lan-qos trust-lan wan-qos trust-lan
    qos-map map1 20004 comment "Generated by system for overlay: DefaultOverlay"
    qos-map map1 20004 match matchstr overlay:4
    qos-map map1 20004 set traffic-class 4 lan-qos trust-lan wan-qos trust-lan
    qos-map map1 20005 comment "LAB_5030 overlay"
    qos-map map1 20005 match matchstr vlan:31
    qos-map map1 20005 set traffic-class 3 lan-qos trust-lan wan-qos trust-lan
    qos-map map1 20006 comment "RealTime overlay"
    qos-map map1 20006 match acl Overlay_RealTime
    qos-map map1 20006 set traffic-class 1 lan-qos trust-lan wan-qos trust-lan
    qos-map map1 20007 comment "CaptWhite overlay"
    qos-map map1 20007 match matchstr vlan:25
    qos-map map1 20007 set traffic-class 1 lan-qos trust-lan wan-qos be
    qos-map map1 20008 comment "CriticalApps overlay"
    qos-map map1 20008 match acl Overlay_CriticalApps
    qos-map map1 20008 set traffic-class 2 lan-qos trust-lan wan-qos trust-lan
    qos-map map1 20009 comment "DefaultOverlay overlay"
    qos-map map1 20009 match acl Overlay_DefaultOverlay
    qos-map map1 20009 set traffic-class 4 lan-qos trust-lan wan-qos trust-lan
    qos-map map1 65535 comment ""
    qos-map map1 65535 set traffic-class 1 lan-qos trust-lan wan-qos trust-lan
    qos-map map1 activate
    route-map map1 20000 comment "Generated by system for overlay: LAB_5030"
    route-map map1 20000 match matchstr overlay:3
    route-map map1 20000 set auto-opt-overlay 3 if-down pass-through
    route-map map1 20001 comment "Generated by system for overlay: RealTime"
    route-map map1 20001 match matchstr overlay:1
    route-map map1 20001 set auto-opt-overlay 1 if-down pass-through
    route-map map1 20002 comment "Generated by system for overlay: CaptWhite"
```

```
route-map map1 20002 match matchstr overlay:7
route-map map1 20002 set auto-opt-overlay 7 if-down pass-through
route-map map1 20003 comment "Generated by system for overlay: CriticalApps"
route-map map1 20003 match matchstr overlay:2
route-map map1 20003 set auto-opt-overlay 2 if-down pass-through
route-map map1 20004 comment "Generated by system for overlay: DefaultOverlay"
route-map map1 20004 match matchstr overlay:4
route-map map1 20004 set auto-opt-overlay 4 if-down pass-through
route-map map1 20005 comment "LAB_5030 overlay"
route-map map1 20005 match matchstr vlan:31
route-map map1 20005 set auto-opt-overlay 3 if-down pass-through
route-map map1 20006 comment "RealTime overlay"
route-map map1 20006 match acl Overlay_RealTime
route-map map1 20006 set auto-opt-overlay 1 if-down pass-through
route-map map1 20007 comment "CaptWhite overlay"
route-map map1 20007 match matchstr vlan:25
route-map map1 20007 set auto-opt-overlay 7 if-down pass-through
route-map map1 20008 comment "CriticalApps overlay"
route-map map1 20008 match acl Overlay_CriticalApps
route-map map1 20008 set auto-opt-overlay 2 if-down pass-through
route-map map1 20009 comment "DefaultOverlay overlay"
route-map map1 20009 match acl Overlay_DefaultOverlay
route-map map1 20009 set auto-opt-overlay 4 if-down pass-through
route-map map1 65535 comment ""
route-map map1 65535 set auto-optimize if-down pass-through
route-map map1 activate
rtmap default_rtmap_bgp_inbound_br 65535 comment ""
rtmap default_rtmap_bgp_inbound_br 65535 enable
rtmap default_rtmap_bgp_inbound_br 65535 match matchstr src_proto:bgp
rtmap default_rtmap_bgp_inbound_br 65535 set setstr action:permit,bgp_lcl_pref:100
rtmap default_rtmap_bgp_inbound_pe 65535 comment ""
rtmap default_rtmap_bgp_inbound_pe 65535 enable
rtmap default_rtmap_bgp_inbound_pe 65535 match matchstr src_proto:bgp
rtmap default_rtmap_bgp_inbound_pe 65535 set setstr action:permit,bgp_lcl_pref:100
rtmap default_rtmap_bgp_outbound_br 65485 comment ""
rtmap default_rtmap_bgp_outbound_br 65485 enable
rtmap default_rtmap_bgp_outbound_br 65485 match matchstr src_proto:ss-ospf
rtmap default_rtmap_bgp_outbound_br 65485 set setstr action:permit
rtmap default_rtmap_bgp_outbound_br 65495 comment ""
rtmap default_rtmap_bgp_outbound_br 65495 enable
rtmap default_rtmap_bgp_outbound_br 65495 match matchstr src_proto:ss-bgp
rtmap default_rtmap_bgp_outbound_br 65495 set setstr action:permit
rtmap default_rtmap_bgp_outbound_br 65505 comment ""
rtmap default_rtmap_bgp_outbound_br 65505 enable
rtmap default_rtmap_bgp_outbound_br 65505 match matchstr src_proto:local
rtmap default_rtmap_bgp_outbound_br 65505 set setstr action:permit
rtmap default_rtmap_bgp_outbound_br 65515 comment ""
rtmap default_rtmap_bgp_outbound_br 65515 enable
rtmap default_rtmap_bgp_outbound_br 65515 match matchstr src_proto:subshare
rtmap default_rtmap_bgp_outbound_br 65515 set setstr action:permit
rtmap default_rtmap_bgp_outbound_br 65525 comment ""
rtmap default_rtmap_bgp_outbound_br 65525 enable
rtmap default_rtmap_bgp_outbound_br 65525 match matchstr src_proto:ospf
rtmap default_rtmap_bgp_outbound_br 65525 set setstr action:permit
rtmap default_rtmap_bgp_outbound_br 65535 comment ""
rtmap default_rtmap_bgp_outbound_br 65535 enable
rtmap default_rtmap_bgp_outbound_br 65535 match matchstr src_proto:bgp
rtmap default_rtmap_bgp_outbound_br 65535 set setstr action:permit
rtmap default_rtmap_bgp_outbound_pe 65485 comment ""
```

```
    rtmap default_rtmap_bgp_outbound_pe 65485 enable
    rtmap default_rtmap_bgp_outbound_pe 65485 match matchstr src_proto:ss-ospf
    rtmap default_rtmap_bgp_outbound_pe 65485 set setstr action:deny
    rtmap default_rtmap_bgp_outbound_pe 65495 comment ""
    rtmap default_rtmap_bgp_outbound_pe 65495 enable
    rtmap default_rtmap_bgp_outbound_pe 65495 match matchstr src_proto:ss-bgp
    rtmap default_rtmap_bgp_outbound_pe 65495 set setstr action:deny
    rtmap default_rtmap_bgp_outbound_pe 65505 comment ""
    rtmap default_rtmap_bgp_outbound_pe 65505 enable
    rtmap default_rtmap_bgp_outbound_pe 65505 match matchstr src_proto:local
    rtmap default_rtmap_bgp_outbound_pe 65505 set setstr action:permit
    rtmap default_rtmap_bgp_outbound_pe 65515 comment ""
    rtmap default_rtmap_bgp_outbound_pe 65515 enable
    rtmap default_rtmap_bgp_outbound_pe 65515 match matchstr src_proto:subshare
    rtmap default_rtmap_bgp_outbound_pe 65515 set setstr action:deny
    rtmap default_rtmap_bgp_outbound_pe 65525 comment ""
    rtmap default_rtmap_bgp_outbound_pe 65525 enable
    rtmap default_rtmap_bgp_outbound_pe 65525 match matchstr src_proto:ospf
    rtmap default_rtmap_bgp_outbound_pe 65525 set setstr action:permit
    rtmap default_rtmap_bgp_outbound_pe 65535 comment ""
    rtmap default_rtmap_bgp_outbound_pe 65535 enable
    rtmap default_rtmap_bgp_outbound_pe 65535 match matchstr src_proto:bgp
    rtmap default_rtmap_bgp_outbound_pe 65535 set setstr action:permit
    rtmap default_rtmap_to_ospf 65505 comment ""
    rtmap default_rtmap_to_ospf 65505 enable
    rtmap default_rtmap_to_ospf 65505 match matchstr src_proto:local
    rtmap default_rtmap_to_ospf 65505 set setstr action:deny
    rtmap default_rtmap_to_ospf 65515 comment ""
    rtmap default_rtmap_to_ospf 65515 enable
    rtmap default_rtmap_to_ospf 65515 match matchstr src_proto:subshare
    rtmap default_rtmap_to_ospf 65515 set setstr action:permit
    rtmap default_rtmap_to_ospf 65535 comment ""
    rtmap default_rtmap_to_ospf 65535 enable
    rtmap default_rtmap_to_ospf 65535 match matchstr src_proto:bgp
    rtmap default_rtmap_to_ospf 65535 set setstr action:deny
    rtmap default_rtmap_to_subsh 65505 comment ""
    rtmap default_rtmap_to_subsh 65505 enable
    rtmap default_rtmap_to_subsh 65505 match matchstr src_proto:local
    rtmap default_rtmap_to_subsh 65505 set setstr action:permit
    rtmap default_rtmap_to_subsh 65525 comment ""
    rtmap default_rtmap_to_subsh 65525 enable
    rtmap default_rtmap_to_subsh 65525 match matchstr src_proto:ospf
    rtmap default_rtmap_to_subsh 65525 set setstr action:deny
    rtmap default_rtmap_to_subsh 65535 comment ""
    rtmap default_rtmap_to_subsh 65535 enable
    rtmap default_rtmap_to_subsh 65535 match matchstr src_proto:bgp
    rtmap default_rtmap_to_subsh 65535 set setstr action:deny

##
## Cluster and Flow-Redirection Config
##
    cluster interface mgmt1
    flow-redirection disable
    flow-redirection wait-time 50


##
## Flow-debug Config
##
    flow-debug disable
```

```
##
## Excess Flow Config
##
   excess-flow drop


##
## Redundancy Server Config
##
   vrrp vmac enable


##
## WCCP Service Config
##
   wccp disable
   wccp multicast-ttl 5


##
## CDP Configuration
##
   cdp holdtime 180
   cdp timer 60
   interface lan1 cdp enable
   interface wan1 cdp enable


##
## LLDP Configuration
##
   interface lan1 cdp enable
   interface wan1 cdp enable
   lldp holdtime 120
   lldp timer 60


##
## TCA Configuration
##
   tca appliance-capacity total-flows rising raise-threshold 95 clear-threshold 0
   tca total-flows default rising raise-threshold 90 clear-threshold 85 sample-count 5
   tca appliance-capacity total-flows enable
   tca total-flows default enable


##
## SaaS Configuration
##
   saas disable
   saas ping-src-interface none
   saas rtt-interval 3600
   saas rtt-num-req-per-host 5


##
## SSL Configuration
##
   ssl builtin-signing enable
   ssl cert-substitution disable


##
## Interface Labels Configuration
##
   iflabel add lan-label 24
```

```
iflabel add lan-label 25
iflabel add lan-label 31
iflabel add lan-label 4
iflabel add lan-label 5
iflabel add lan-label 9
iflabel add wan-label 1
iflabel add wan-label 16
iflabel add wan-label 17
iflabel add wan-label 18
iflabel add wan-label 19
iflabel add wan-label 2
iflabel add wan-label 20
iflabel add wan-label 21
iflabel add wan-label 28
iflabel add wan-label 29
iflabel add wan-label 3
iflabel add wan-label 30
iflabel add wan-label 32
iflabel add wan-label 6
iflabel add wan-label 7

##
## Overlay Configuration
##
    overlay CaptWhite bonding-policy high-quality
    overlay CaptWhite disqualify-behavior on-overlay-brownout
    overlay CaptWhite fec-wait-time 80
    overlay CaptWhite internet-traffic policy local-breakout backup
    overlay CaptWhite internet-traffic policy local-breakout primary
    overlay CaptWhite internet-traffic policy-list 0
    overlay CaptWhite internet-traffic policy-list 0
    overlay CaptWhite internet-traffic policy-list 0.000000000
    overlay CaptWhite internet-traffic policy-list 1
    overlay CaptWhite internet-traffic policy-list 1
    overlay CaptWhite internet-traffic policy-list 80
    overlay CaptWhite internet-traffic policy-list backhaul_via_overlay,drop
    overlay CaptWhite internet-traffic policy-list false
    overlay CaptWhite load-balance-policy waterfall-by-quality
    overlay CaptWhite max-fec-pct 20.000000000
    overlay CaptWhite min-fec-pct 2.000000000
    overlay CaptWhite poc-wait-time-max 100
    overlay CaptWhite poc-wait-time-min 5
    overlay CaptWhite reorder-speed 2
    overlay CaptWhite topo node_type non-hub
    overlay CaptWhite wan-label INET1 boundary-behavior on-brownout
    overlay CaptWhite wan-label INET1 cost 0
    overlay CaptWhite wan-label INET1 priority 0
    overlay CaptWhite wan-label INET2 boundary-behavior on-brownout
    overlay CaptWhite wan-label INET2 cost 0
    overlay CaptWhite wan-label INET2 priority 0
    overlay CaptWhite wan-label Starlink1 boundary-behavior on-blackout
    overlay CaptWhite wan-label Starlink1 cost 0
    overlay CaptWhite wan-label Starlink1 priority 1
    overlay CaptWhite wan-label Starlink2 boundary-behavior on-blackout
    overlay CaptWhite wan-label Starlink2 cost 0
    overlay CaptWhite wan-label Starlink2 priority 1
    overlay CaptWhite wan-label Starlink3 boundary-behavior on-brownout
    overlay CaptWhite wan-label Starlink3 cost 0
    overlay CaptWhite wan-label Starlink3 priority 0
```

```
overlay CaptWhite wan-label Starlink4 boundary-behavior on-brownout
overlay CaptWhite wan-label Starlink4 cost 0
overlay CaptWhite wan-label Starlink4 priority 0
overlay CaptWhite wan-label Starlink5 boundary-behavior on-brownout
overlay CaptWhite wan-label Starlink5 cost 0
overlay CaptWhite wan-label Starlink5 priority 0
overlay CaptWhite wan-label Starlink6 boundary-behavior on-brownout
overlay CaptWhite wan-label Starlink6 cost 0
overlay CaptWhite wan-label Starlink6 priority 0
overlay CaptWhite zone add 0
overlay CriticalApps bonding-policy high-quality
overlay CriticalApps disqualify-behavior on-overlay-brownout
overlay CriticalApps fec-wait-time 80
overlay CriticalApps internet-traffic policy local-breakout backup
overlay CriticalApps internet-traffic policy local-breakout primary passThrough_196
overlay CriticalApps internet-traffic policy-list 0
overlay CriticalApps internet-traffic policy-list 0
overlay CriticalApps internet-traffic policy-list 0.000000000
overlay CriticalApps internet-traffic policy-list 1
overlay CriticalApps internet-traffic policy-list 1
overlay CriticalApps internet-traffic policy-list 80
overlay CriticalApps internet-traffic policy-list false
overlay CriticalApps internet-traffic policy-list local_breakout,backhaul_via_overlay,drop
overlay CriticalApps load-balance-policy waterfall-by-quality
overlay CriticalApps max-fec-pct 20.000000000
overlay CriticalApps min-fec-pct 2.000000000
overlay CriticalApps poc-wait-time-max 100
overlay CriticalApps poc-wait-time-min 5
overlay CriticalApps reorder-speed 2
overlay CriticalApps topo node_type non-hub
overlay CriticalApps wan-label INET1 boundary-behavior on-brownout
overlay CriticalApps wan-label INET1 cost 0
overlay CriticalApps wan-label INET1 priority 0
overlay CriticalApps wan-label INET2 boundary-behavior on-brownout
overlay CriticalApps wan-label INET2 cost 0
overlay CriticalApps wan-label INET2 priority 0
overlay CriticalApps wan-label LTE boundary-behavior on-blackout
overlay CriticalApps wan-label LTE cost 0
overlay CriticalApps wan-label LTE priority 2
overlay CriticalApps wan-label MPLS1 boundary-behavior on-brownout
overlay CriticalApps wan-label MPLS1 cost 0
overlay CriticalApps wan-label MPLS1 priority 0
overlay CriticalApps wan-label MPLS2 boundary-behavior on-brownout
overlay CriticalApps wan-label MPLS2 cost 0
overlay CriticalApps wan-label MPLS2 priority 0
overlay CriticalApps zone add 0
overlay DefaultOverlay bonding-policy high-quality
overlay DefaultOverlay disqualify-behavior on-overlay-brownout
overlay DefaultOverlay fec-wait-time 80
overlay DefaultOverlay internet-traffic policy local-breakout backup
overlay DefaultOverlay internet-traffic policy local-breakout primary
overlay DefaultOverlay internet-traffic policy-list 0
overlay DefaultOverlay internet-traffic policy-list 0
overlay DefaultOverlay internet-traffic policy-list 0.000000000
overlay DefaultOverlay internet-traffic policy-list 1
overlay DefaultOverlay internet-traffic policy-list 1
overlay DefaultOverlay internet-traffic policy-list 80
overlay DefaultOverlay internet-traffic policy-list backhaul_via_overlay,drop
overlay DefaultOverlay internet-traffic policy-list false
```

```
overlay DefaultOverlay load-balance-policy waterfall-by-quality
overlay DefaultOverlay max-fec-pct 20.000000000
overlay DefaultOverlay min-fec-pct 2.000000000
overlay DefaultOverlay poc-wait-time-max 100
overlay DefaultOverlay poc-wait-time-min 5
overlay DefaultOverlay reorder-speed 2
overlay DefaultOverlay topo node_type non-hub
overlay DefaultOverlay wan-label INET1 boundary-behavior on-brownout
overlay DefaultOverlay wan-label INET1 cost 0
overlay DefaultOverlay wan-label INET1 priority 0
overlay DefaultOverlay wan-label INET2 boundary-behavior on-brownout
overlay DefaultOverlay wan-label INET2 cost 0
overlay DefaultOverlay wan-label INET2 priority 0
overlay DefaultOverlay wan-label LTE boundary-behavior on-blackout
overlay DefaultOverlay wan-label LTE cost 0
overlay DefaultOverlay wan-label LTE priority 2
overlay DefaultOverlay wan-label MPLS1 boundary-behavior on-brownout
overlay DefaultOverlay wan-label MPLS1 cost 0
overlay DefaultOverlay wan-label MPLS1 priority 0
overlay DefaultOverlay wan-label MPLS2 boundary-behavior on-brownout
overlay DefaultOverlay wan-label MPLS2 cost 0
overlay DefaultOverlay wan-label MPLS2 priority 0
overlay DefaultOverlay zone add 0
overlay LAB_5030 bonding-policy high-availability
overlay LAB_5030 disqualify-behavior on-overlay-brownout
overlay LAB_5030 fec-wait-time 2
overlay LAB_5030 internet-traffic policy local-breakout backup
overlay LAB_5030 internet-traffic policy local-breakout primary
overlay LAB_5030 internet-traffic policy-list 0
overlay LAB_5030 internet-traffic policy-list 0
overlay LAB_5030 internet-traffic policy-list 0.000000000
overlay LAB_5030 internet-traffic policy-list 1
overlay LAB_5030 internet-traffic policy-list 1
overlay LAB_5030 internet-traffic policy-list 80
overlay LAB_5030 internet-traffic policy-list drop
overlay LAB_5030 internet-traffic policy-list false
overlay LAB_5030 load-balance-policy waterfall-by-quality
overlay LAB_5030 max-fec-pct 100.000000000
overlay LAB_5030 min-fec-pct 100.000000000
overlay LAB_5030 poc-wait-time-max 100
overlay LAB_5030 poc-wait-time-min 5
overlay LAB_5030 reorder-speed 2
overlay LAB_5030 topo node_type non-hub
overlay LAB_5030 wan-label INET1 boundary-behavior on-blackout
overlay LAB_5030 wan-label INET1 cost 0
overlay LAB_5030 wan-label INET1 priority 1
overlay LAB_5030 wan-label INET2 boundary-behavior on-blackout
overlay LAB_5030 wan-label INET2 cost 0
overlay LAB_5030 wan-label INET2 priority 1
overlay LAB_5030 wan-label Starlink1 boundary-behavior on-blackout
overlay LAB_5030 wan-label Starlink1 cost 0
overlay LAB_5030 wan-label Starlink1 priority 2
overlay LAB_5030 wan-label UNDERLAY_W0_PT boundary-behavior on-blackout
overlay LAB_5030 wan-label UNDERLAY_W0_PT cost 0
overlay LAB_5030 wan-label UNDERLAY_W0_PT priority 1
overlay LAB_5030 wan-label UNDERLAY_W1_PT boundary-behavior on-brownout
overlay LAB_5030 wan-label UNDERLAY_W1_PT cost 0
overlay LAB_5030 wan-label UNDERLAY_W1_PT priority 0
overlay LAB_5030 zone add 0
```

```
    overlay RealTime bonding-policy high-availability
    overlay RealTime disqualify-behavior on-overlay-brownout
    overlay RealTime fec-wait-time 2
    overlay RealTime internet-traffic policy local-breakout backup
    overlay RealTime internet-traffic policy local-breakout primary passThrough_195
    overlay RealTime internet-traffic policy-list 0
    overlay RealTime internet-traffic policy-list 0
    overlay RealTime internet-traffic policy-list 0.000000000
    overlay RealTime internet-traffic policy-list 1
    overlay RealTime internet-traffic policy-list 1
    overlay RealTime internet-traffic policy-list 80
    overlay RealTime internet-traffic policy-list false
    overlay RealTime internet-traffic policy-list local_breakout,backhaul_via_overlay,drop
    overlay RealTime load-balance-policy waterfall-by-quality
    overlay RealTime max-fec-pct 100.000000000
    overlay RealTime min-fec-pct 100.000000000
    overlay RealTime poc-wait-time-max 100
    overlay RealTime poc-wait-time-min 5
    overlay RealTime reorder-speed 2
    overlay RealTime topo node_type non-hub
    overlay RealTime wan-label INET1 boundary-behavior on-brownout
    overlay RealTime wan-label INET1 cost 0
    overlay RealTime wan-label INET1 priority 0
    overlay RealTime wan-label INET2 boundary-behavior on-brownout
    overlay RealTime wan-label INET2 cost 0
    overlay RealTime wan-label INET2 priority 0
    overlay RealTime wan-label LTE boundary-behavior on-blackout
    overlay RealTime wan-label LTE cost 0
    overlay RealTime wan-label LTE priority 2
    overlay RealTime wan-label MPLS1 boundary-behavior on-brownout
    overlay RealTime wan-label MPLS1 cost 0
    overlay RealTime wan-label MPLS1 priority 0
    overlay RealTime wan-label MPLS2 boundary-behavior on-brownout
    overlay RealTime wan-label MPLS2 cost 0
    overlay RealTime wan-label MPLS2 priority 0
    overlay RealTime zone add 0
    overlay add CaptWhite 7
    overlay add CriticalApps 2
    overlay add DefaultOverlay 4
    overlay add LAB_5030 3
    overlay add RealTime 1
    overlay common internal-subnets 224.0.0.0/4,169.254.0.0/16,192.168.0.0/16,172.16.0.0/12,10.0.0.0/8
    overlay common internal-subnetsv6 ""
    overlay common route-match enable

##
##
##
    bfd segment 0 detect-multiplier 3
no bfd segment 0 enable
    bfd segment 0 rx-interval 300
    bfd segment 0 tx-interval 300

##
## BGP Router Configuration
##
    bgp ecmp enable
no bgp segment 0 as-path-advertise enable
    bgp segment 0 asn 65534
```

```
no bgp segment 0 graceful-restart enable
   bgp segment 0 graceful-restart max-restart-time 120
   bgp segment 0 graceful-restart stale-path-time 150
   bgp segment 0 log-nbr-msgs enable
   bgp segment 0 router-id 0.0.0.0
   router adv-loop count 10
   router adv-loop interval 900

##
## OSPF Router Configuration
##
   ospf disable
   ospf opaque enable
   ospf redistribute route-map default_rtmap_to_ospf outbound
   ospf segment 0 opaque enable
   ospf segment 0 redistribute route-map default_rtmap_to_ospf outbound
   ospf segment 0 router-id 0.0.0.0

##
## IP Tracking Operation Configuration
##
   ip-tracking action DN_ACTION_tun-dn_om_passThrough_195 attributes type=tun-dn;tun-alias=Passthrough_INET1_RealTime
   ip-tracking action DN_ACTION_tun-dn_om_passThrough_196 attributes type=tun-dn;tun-alias=Passthrough_INET1_CriticalApps
   ip-tracking action UP_ACTION_tun-up_om_passThrough_195 attributes type=tun-up;tun-alias=Passthrough_INET1_RealTime
   ip-tracking action UP_ACTION_tun-up_om_passThrough_196 attributes type=tun-up;tun-alias=Passthrough_INET1_CriticalApps
   ip-tracking manager MGR_ip-monitor_om_passThrough_195 attributes operation=OPERATION_om_passThrough_195;up-action=UP_ACTION_tun-
up_om_passThrough_195;dn-action=DN_ACTION_tun-dn_om_passThrough_195;interval=30
   ip-tracking manager MGR_ip-monitor_om_passThrough_195 comment generated by overlay manager
   ip-tracking manager MGR_ip-monitor_om_passThrough_196 attributes operation=OPERATION_om_passThrough_196;up-action=UP_ACTION_tun-
up_om_passThrough_196;dn-action=DN_ACTION_tun-dn_om_passThrough_196;interval=30
   ip-tracking manager MGR_ip-monitor_om_passThrough_196 comment generated by overlay manager
   ip-tracking operation OPERATION_om_passThrough_195 attributes type=ip-monitor;ka=1;ip-monitor-ip=sp-ipsla.silverpeak.cloud,8.8.8.8,8.8.4.4;up-
thresh=3;dn-thresh=30;port-label=2;sample-int=300;loss-up-thresh=0;loss-dn-thresh=0;rtt-up-thresh=0;rtt-dn-thresh=0;metric-combination=metric-or
   ip-tracking operation OPERATION_om_passThrough_196 attributes type=ip-monitor;ka=1;ip-monitor-ip=sp-ipsla.silverpeak.cloud,8.8.8.8,8.8.4.4;up-
thresh=3;dn-thresh=30;port-label=2;sample-int=300;loss-up-thresh=0;loss-dn-thresh=0;rtt-up-thresh=0;rtt-dn-thresh=0;metric-combination=metric-or

##
## Virtual Interface Configuration
##
   interface lo20000 virtual loopback ipaddress 10.250.28.130 netmask 255.255.255.255
   interface pim0 virtual pim ipaddress 169.254.124.1 netmask 255.255.255.0
   interface pim1 virtual pim ipaddress 169.254.125.1 netmask 255.255.255.0
   interface pim2 virtual pim ipaddress 169.254.126.1 netmask 255.255.255.0

##
## PIM SM Configuration
##
   igmp interface lan0 enable
   multicast enable
   multicast filtername ""
   pim interface lan0 enable
   pim rp ip 172.16.33.1

##
## Segment Configuration
##
   segment id 0 Default
   segment id 0 zone 0 idx 0
   segment id 0 zone 1 idx 1
```

```
    segment id 0 zone 2 idx 2
    segment id 0 zone 65535 idx 255
    segment id 0 zone 7 idx 3
    segmentation enable
    vxlan port 4789
    vxlan segment Default role-id 0
    vxlan segment Default vni 4294967295
    vxlan segment Default zone 0
    vxlan vtep-interface ""

##
## Express apps configuration
##
    app express * tunnel * add real cost ""
    app express * tunnel * add synthetic cost ""
    app express * tunnel * deduct real cost ""
    app express * tunnel * deduct synthetic cost ""


##
##
##


    system auto-mac-configure disable
    system bypass mode default

##
## Network management configuration
##
    banner login "You are accessing a HPE Aruba Networking Information System (IS) that is provided for HPE Aruba Networking Simulated-authorized use
only.

By using this IS (which includes any device attached to this IS), you consent to the following conditions:
-HPE Aruba Networking routinely intercepts and monitors communications on this IS for purposes including, but not limited to, penetration testing,
network operations and defense, and personnel misconduct (PM).
-At any time, HPE Aruba Networking may inspect and seize data stored on this IS.
-Communications using, or data stored on, this IS are not private, are subject to routine monitoring, interception, and search, and may be disclosed
or used for any HPE Aruba Networking-authorized purpose.
-This IS includes security measures (e.g., authentication and access controls) to protect HPE Aruba Networking interests--not for your personal
benefit or privacy.
-Notwithstanding the above, using this IS does not constitute consent to PM investigative searching or monitoring of the content of privileged
communications, or work product, related to personal representation or services by attorneys, psychotherapists, or clergy, and their assistants. Such
communications and work product are private and confidential. See User Agreement for details."
    banner motd "You are accessing a HPE Aruba Networking Information System (IS) that is provided for HPE Aruba Networking Simulated-authorized use
only.

By using this IS (which includes any device attached to this IS), you consent to the following conditions:
-HPE Aruba Networking routinely intercepts and monitors communications on this IS for purposes including, but not limited to, penetration testing,
network operations and defense, and personnel misconduct (PM).
-At any time, HPE Aruba Networking may inspect and seize data stored on this IS.
-Communications using, or data stored on, this IS are not private, are subject to routine monitoring, interception, and search, and may be disclosed
or used for any HPE Aruba Networking-authorized purpose.
-This IS includes security measures (e.g., authentication and access controls) to protect HPE Aruba Networking interests--not for your personal
benefit or privacy.
-Notwithstanding the above, using this IS does not constitute consent to PM investigative searching or monitoring of the content of privileged
communications, or work product, related to personal representation or services by attorneys, psychotherapists, or clergy, and their assistants. Such
communications and work product are private and confidential. See User Agreement for details."
    cli default allow-all-show disable
    cli default auto-logout 15.0
```

```
    clock timezone UTC
    flow-export active-flow-timeout 1
    flow-export destination 1 0.0.0.0 2055 netflow5
    flow-export destination 2 0.0.0.0 2055 netflow5
    flow-export disable
    flow-export engine-id 1
    flow-export engine-type 1
    flow-export ipfix template refresh-timeout 10
    flow-export optional-ies app-perf disable
    flow-export optional-ies zbf disable
    flow-export privacy-mask disable
    flow-export privacy-mask ipv4 prefix-length 24
no flow-export traffic-type lan-rx
no flow-export traffic-type lan-tx
no flow-export traffic-type wan-rx
    flow-export traffic-type wan-tx
no ntp disable
no ntp server pool.ntp.org disable
    ntp server pool.ntp.org version 4
no ntp server time.nist.gov disable
    ntp server time.nist.gov version 4
    portal airgap mode disable
    portal websocket enable
no security certificate verify orchestrator
    security certificate verify portal
no security certificate verify stats-collector
    security csrf enable
    snmp-server community public ro
no snmp-server enable
no snmp-server enable traps
    snmp-server listen enable
    snmp-server traps event raise-alarm
    snmp-server user admin
no snmp-server user admin v3 enable
    snmp-server user admin v3 encrypted auth sha "" priv aes-128 ""
    web apidocs disable
    web appliance-tag 1
    web appliance-tag 2
    web appliance-tag 3
    web appliance-tag 4
    web appliance-tag 5
    web appliance-tag 6
    web appliance-tag 7
    web appliance-tag 8
    web auto-logout 15
    web http disable
    web https enable
    web session max 10
    web ssl-cipher-list ECDHE-ECDSA-AES128-GCM-SHA256:ECDHE-RSA-AES128-GCM-SHA256:ECDHE-ECDSA-AES256-GCM-SHA384:ECDHE-RSA-AES256-GCM-SHA384:DHE-RSA-
AES128-GCM-SHA256:DHE-RSA-AES256-GCM-SHA384
    websocket orchestrator 50.211.133.114
    websocket orchestrator 50.211.133.114 options
{\"type\":\"Orchestrator\",\"ws_count\":1,\"wsPingTime\":20000,\"wsIdleTime\":120000,\"wsFailoverMode\":\"c\"}


##
## SSH and Key configuration
##
    ssh client global host-key-check no
    ssh client global known-hosts-file /dev/null
```

```
    ssh server ca-sign-algos-accepted ecdsa-sha2-nistp256 ecdsa-sha2-nistp384 ecdsa-sha2-nistp521 ssh-ed25519 rsa-sha2-512 rsa-sha2-256
    ssh server enable
    ssh server encryption-algos aes128-cbc aes192-cbc aes256-cbc aes128-gcm@openssh.com aes256-gcm@openssh.com
    ssh server host-key-algos ecdsa-sha2-nistp256-cert-v01@openssh.com ecdsa-sha2-nistp384-cert-v01@openssh.com ecdsa-sha2-nistp521-cert-
v01@openssh.com ssh-ed25519-cert-v01@openssh.com rsa-sha2-512-cert-v01@openssh.com rsa-sha2-256-cert-v01@openssh.com ecdsa-sha2-nistp256 ecdsa-sha2-
nistp384 ecdsa-sha2-nistp521 ssh-ed25519 rsa-sha2-512 rsa-sha2-256
    ssh server key-exchange-algos diffie-hellman-group14-sha256 diffie-hellman-group16-sha512 diffie-hellman-group18-sha512 diffie-hellman-group-
exchange-sha256 ecdh-sha2-nistp256 ecdh-sha2-nistp384 ecdh-sha2-nistp521 curve25519-sha256 curve25519-sha256@libssh.org
    ssh server mac-algos hmac-sha2-256 hmac-sha2-512
    ssh server ports 22
    ssh server pub-key-algos-accepted ecdsa-sha2-nistp256-cert-v01@openssh.com ecdsa-sha2-nistp384-cert-v01@openssh.com ecdsa-sha2-nistp521-cert-
v01@openssh.com ssh-ed25519-cert-v01@openssh.com rsa-sha2-512-cert-v01@openssh.com rsa-sha2-256-cert-v01@openssh.com ecdsa-sha2-nistp256 ecdsa-sha2-
nistp384 ecdsa-sha2-nistp521 ssh-ed25519 rsa-sha2-512 rsa-sha2-256

##
##
##
    ipsec authentication-algos sha1,sha256,sha384,sha512,aes128gmac,aes256gmac
    ipsec dh-groups 1,2,5,14,15,16,17,18,19,20,21,26,31
    ipsec encryption-algos aes256,aes128,aes128gcm16,aes256gcm16
    ipsec ike-authentication-algos sha1,sha256,sha384,sha512
    ipsec ike-encryption-algos aes256,aes128,aes128gcm16,aes256gcm16
    ipsec ike-prf-algos prfsha256,prfsha384,prfsha512
    ipsec pfs-groups 1,2,5,14,15,16,17,18,19,20,21,26,31

##
## Miscellaneous other settings
##
    internal set modify - /cn/mrtrd/config/pim/intf/lan0/dr_priority value uint32 1
    internal set modify - /cn/mrtrd/config/pim/intf/lan0/hello_interval value uint32 30
    internal set modify - /cn/mrtrd/config/pim/intf/lan0/join_prune_interval value uint32 30
    internal set modify - /cn/user_role/config/id/0 value uint8 0
    internal set modify - /cn/user_role/config/id/0/gpid value uint16 0
    internal set modify - /cn/user_role/config/id/0/role_str value string default
    internal set modify - /cn/user_role/config/id/1 value uint8 1
    internal set modify - /cn/user_role/config/id/1/gpid value uint16 65535
    internal set modify - /cn/user_role/config/id/1/role_str value string unknown
    internal set modify - /cn/user_role/config/id/2 value uint8 2
    internal set modify - /cn/user_role/config/id/2/gpid value uint16 1
    internal set modify - /cn/user_role/config/id/2/role_str value string VIP
    internal set modify - /mgmt/config/vrf/apps/other/displayname value string "Other VRF mgmt Apps"
    internal set modify - /net/if2/config/virtual/loopback/lo20000 value string lo20000
    internal set modify - /net/if2/config/virtual/loopback/lo20000/admin value bool true
    internal set modify - /net/if2/config/virtual/loopback/lo20000/label value string 9
    internal set modify - /net/if2/config/virtual/loopback/lo20000/vrf_id value uint16 0
    internal set modify - /net/if2/config/virtual/loopback/lo20000/zone value uint16 0
    internal set modify - /ntp/auth_algs value string SHA256,SHA384,SHA512
    internal set modify - /ntp/selkey value uint32 1
    internal set modify - /pm/process/certd/launch_path value string /sbin/certd_wrapper.sh
    internal set modify - /pm/process/mrtrd/launch_enabled value bool true
    internal set modify - /pm/process/snmpd/launch_enabled value bool true
    internal set modify - /tls/config/tls_server/cipher_suite value string
TLS_AES_128_GCM_SHA256,TLS_AES_256_GCM_SHA384,TLS_AES_128_CCM_SHA256,TLS_ECDHE_ECDSA_WITH_AES_128_GCM_SHA256,TLS_ECDHE_ECDSA_WITH_AES_256_GCM_SHA384,
TLS_ECDHE_RSA_WITH_AES_128_GCM_SHA256,TLS_ECDHE_RSA_WITH_AES_256_GCM_SHA384,TLS_DHE_RSA_WITH_AES_128_GCM_SHA256,TLS_DHE_RSA_WITH_AES_256_GCM_SHA384
KW-10108 #
```