```
Last login: Mon Oct 13 07:11:54 2025 from ::1

07:15 greg@xcf16 ~ ?
07:15 greg@xcf16 ~ ? res
Script started, output file is /Users/f16/16sessions/251013-071551-term-session.session
07:15 greg@xcf16 ~ ?
07:15 greg@xcf16 ~ ?
07:15 greg@xcf16 ~ ? ssh 172.28.250.1 -llbucsadmin

Unauthorized access prohibited.  This product or the use of this
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;
7,948,921; 7,945,736; 7,698,431; 7,644,230; 7,630,295; 7,571,344.
By using this product, you agree to be bound by the terms of Silver
Peak Systems Inc. End User License Agreement.

The End User License Agreement can be viewed at
http://www.silver-peak.com/download/latest/EULA.html


---------------------------------------------------------------------
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.

(lbucsadmin@172.28.250.1) Password:
Last login: Mon Oct 13 01:38:14 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:
-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.

KW-10108 >
KW-10108 > en
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:           42912847
    RX packets:         131924
    RX mcast packets:   68878
    RX discards:        68838
    RX errors:          0
    RX overruns:        0
    RX frame:           0

    TX bytes:           35767639
    TX packets:         56095
    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:          441247
    RX packets:        3166
    RX mcast packets:  0
    RX discards:       0
    RX errors:         0
    RX overruns:       0
    RX frame:          0

    TX bytes:          441247
    TX packets:        3166
    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:            1010126
    RX packets:          12662
    RX mcast packets:    0
    RX discards:         0
    RX errors:           0
    RX overruns:         0
    RX frame:            0

    TX bytes:            1275609
    TX packets:          7440
    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:           359851502
    RX packets:         1084548
    RX mcast packets:   0
    RX discards:        0
    RX errors:          0
    RX overruns:        0
    RX frame:           0

    TX bytes:           316802967
    TX packets:         1023085
    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:           334885978
    RX packets:         1023075
    RX mcast packets:   0
    RX discards:        0
    RX errors:          0
    RX overruns:        0
    RX frame:           0

    TX bytes:           384310819
    TX packets:         1084218
```

```
    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:          4400351
    RX packets:        25588
    RX mcast packets:  2423
    RX discards:       2423
    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:          2493608
    RX packets:        14014
    RX mcast packets:  4498
    RX discards:       4498
    RX errors:         0
    RX overruns:       0
    RX frame:          0

    TX bytes:          1893512
    TX packets:        15536
    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:           818761633
   RX packets:         3871437
   RX mcast packets:   115895
   RX discards:        114855
   RX errors:          0
   RX overruns:        0
   RX frame:           0

   TX bytes:           915906681
   TX packets:         3755501
   TX discards:        0
   TX errors:          0
   TX overruns:        0
   TX carrier:         0
   TX collisions:      0
KW-10108 # sh tunnel
Tunnel to_Baton-Rouge-EC_CaptWhite(bondedTunnel_149) state
   Admin:              up
   Oper:               Up - Idle
   Uptime:             2d 9h 58m 7s
   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_Baton-Rouge-EC_DefaultOverlay(bondedTunnel_26) state
  Admin:              up
  Oper:               Up - Active
  Uptime:             2d 9h 58m 7s
  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:         198643711
   Tx Bytes:          90422980
   Rx Pkts:           326570
   Tx Pkts:           255806
   Tx Invalid Pkts:   0

WAN Rx Bytes:         107806480
   Tx Bytes:          223137168
   Rx Pkts:           251645
   Tx Pkts:           325371
   Rx Invalid Pkts:   0
   Rx Lost Pkts:      0
   Rx Duplicate Pkts: 0


Tunnel to_Baton-Rouge-EC_BulkApps(bondedTunnel_27) state
  Admin:              up
  Oper:               Up - Idle
  Uptime:             2d 9h 58m 7s
  Type:               Bonded
  MTU:                1488
  Tag name:           BulkApps
  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:         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_CriticalApps(bondedTunnel_28) state
   Admin:               up
   Oper:                Up - Idle
   Uptime:              2d 9h 58m 7s
   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:              2d 9h 58m 7s
   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:               2d 15h 55m 9s
  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:          125669
   Tx Bytes:           1798797
   Rx Pkts:            1296
   Tx Pkts:            2205
   Tx Invalid Pkts:    0

WAN Rx Bytes:          1798797
   Tx Bytes:           125669
   Rx Pkts:            2205
   Tx Pkts:            1296
   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:                2d 15h 55m 9s
   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:          15723
   Tx Bytes:           28371
   Rx Pkts:            228
   Tx Pkts:            218
   Tx Invalid Pkts:    0

WAN Rx Bytes:          29019
   Tx Bytes:           15723
   Rx Pkts:            227
   Tx Pkts:            228
   Rx Invalid Pkts:    0
   Rx Lost Pkts:       0
   Rx Duplicate Pkts: 0


Tunnel Passthrough_INET1_BulkApps(passThrough_197) state
   Admin:                 up
   Oper:                  Up - Active
   Uptime:                2d 15h 55m 9s
   Tunnel ID:             14
   Local IP address:      192.168.86.24
   Remote IP address:     0.0.0.0
   Remote Appliance ID: 4
   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_wan2(passThrough_198) state
  Admin:                up
  Oper:                 Up - Active
  Uptime:               2d 15h 55m 9s
  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:               2d 15h 55m 9s
  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:           14276
    Tx Bytes:           14540
    Rx Pkts:            227
    Tx Pkts:            183
    Tx Invalid Pkts:    0

WAN Rx Bytes:           14540
    Tx Bytes:           14276
    Rx Pkts:            183
    Tx Pkts:            227
    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:              2d 15h 55m 9s
  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:              1d 11h 46m 28s
  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:              21h 22m 43s
  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 to_Baton-Rouge-EC_INET1-INET1(tunnel_201) state
  Admin:               up
  Oper:                Up - Active
  Uptime:              2d 9h 58m 9s
  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:          198643711
    Tx Bytes:          89716654
    Rx Pkts:           326570
    Tx Pkts:           254035
    Tx Invalid Pkts:   0

WAN Rx Bytes:          107806480
    Tx Bytes:          223137168
    Rx Pkts:           251645
    Tx Pkts:           325371
    Rx Invalid Pkts:   0
    Rx Lost Pkts:      0
    Rx Duplicate Pkts: 0


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: 24/95536 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
    10.250.28.132/32                        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
    10.250.28.130/32                        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
```

Destination	Gateway						Source
172.18.1.0/24		100	2074338	0	N/A	N/A	LRN_SPS_HUB,107.215.36.181
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
10.0.16.0/24		100	2074338	0	N/A	N/A	LRN_SPS_HUB,107.215.36.181
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
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 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 running-config ?
<cr>
full                            Do not exclude commands that set default values
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_26 create bonded-tunnel tag-name DefaultOverlay bonded-id 4
   interface tunnel bondedTunnel_27 create bonded-tunnel tag-name BulkApps 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_197 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 tunnel_201 create 192.168.86.24 107.215.36.181 100 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_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_BulkApps
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_197 admin up
interface tunnel passThrough_197 alias Passthrough_INET1_BulkApps
interface tunnel passThrough_197 control-packet dscp be
interface tunnel passThrough_197 gms-marked
interface tunnel passThrough_197 gre-protocol 2048
interface tunnel passThrough_197 max-bandwidth 0
interface tunnel passThrough_197 nat-mode none
interface tunnel passThrough_197 packet coalesce enable
interface tunnel passThrough_197 packet coalesce wait 0
interface tunnel passThrough_197 packet fec disable
interface tunnel passThrough_197 packet fec ratio 1:10
interface tunnel passThrough_197 packet reorder wait 100
interface tunnel passThrough_197 peer-name Overlay_BulkApps_Primary
interface tunnel passThrough_197 tag-name 2-3
interface tunnel passThrough_197 threshold fastfail disable
interface tunnel passThrough_197 threshold fastfail-wait base-ms 150
interface tunnel passThrough_197 threshold fastfail-wait rtt-x 2
interface tunnel passThrough_197 threshold jitter 0
interface tunnel passThrough_197 threshold latency 0
interface tunnel passThrough_197 threshold loss 0.000000
interface tunnel passThrough_197 threshold retry-count 30
```

```
interface tunnel passThrough_197 udp-flow 256
interface tunnel passThrough_197 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 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_201 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

##
## 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_BulkApps 1000 comment ""
   access-list Overlay_BulkApps 1000 permit matchstr application:Box
   access-list Overlay_BulkApps 1010 comment ""
   access-list Overlay_BulkApps 1010 permit matchstr application:Dropbox
   access-list Overlay_BulkApps 1020 comment ""
   access-list Overlay_BulkApps 1020 permit matchstr application:Github
   access-list Overlay_BulkApps 1030 comment ""
   access-list Overlay_BulkApps 1030 permit matchstr app_group:Replication
   access-list Overlay_BulkApps 1040 comment ""
   access-list Overlay_BulkApps 1040 permit matchstr application:Ftp
   access-list Overlay_BulkApps 1050 comment ""
   access-list Overlay_BulkApps 1050 permit matchstr application:Sftp
   access-list Overlay_BulkApps 1060 comment ""
   access-list Overlay_BulkApps 1060 permit matchstr application:Rsync-file-synchronization
   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: RealTime"
   qos-map map1 20000 match matchstr overlay:1
   qos-map map1 20000 set traffic-class 1 lan-qos trust-lan wan-qos trust-lan
```

```
qos-map map1 20001 comment "Generated by system for overlay: CaptWhite"
qos-map map1 20001 match matchstr overlay:7
qos-map map1 20001 set traffic-class 1 lan-qos trust-lan wan-qos be
qos-map map1 20002 comment "Generated by system for overlay: CriticalApps"
qos-map map1 20002 match matchstr overlay:2
qos-map map1 20002 set traffic-class 2 lan-qos trust-lan wan-qos trust-lan
qos-map map1 20003 comment "Generated by system for overlay: BulkApps"
qos-map map1 20003 match matchstr overlay:3
qos-map map1 20003 set traffic-class 3 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 "RealTime overlay"
qos-map map1 20005 match acl Overlay_RealTime
qos-map map1 20005 set traffic-class 1 lan-qos trust-lan wan-qos trust-lan
qos-map map1 20006 comment "CaptWhite overlay"
qos-map map1 20006 match matchstr vlan:25
qos-map map1 20006 set traffic-class 1 lan-qos trust-lan wan-qos be
qos-map map1 20007 comment "CriticalApps overlay"
qos-map map1 20007 match acl Overlay_CriticalApps
qos-map map1 20007 set traffic-class 2 lan-qos trust-lan wan-qos trust-lan
qos-map map1 20008 comment "BulkApps overlay"
qos-map map1 20008 match acl Overlay_BulkApps
qos-map map1 20008 set traffic-class 3 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: RealTime"
route-map map1 20000 match matchstr overlay:1
route-map map1 20000 set auto-opt-overlay 1 if-down pass-through
route-map map1 20001 comment "Generated by system for overlay: CaptWhite"
route-map map1 20001 match matchstr overlay:7
route-map map1 20001 set auto-opt-overlay 7 if-down pass-through
route-map map1 20002 comment "Generated by system for overlay: CriticalApps"
route-map map1 20002 match matchstr overlay:2
route-map map1 20002 set auto-opt-overlay 2 if-down pass-through
route-map map1 20003 comment "Generated by system for overlay: BulkApps"
route-map map1 20003 match matchstr overlay:3
route-map map1 20003 set auto-opt-overlay 3 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 "RealTime overlay"
route-map map1 20005 match acl Overlay_RealTime
route-map map1 20005 set auto-opt-overlay 1 if-down pass-through
route-map map1 20006 comment "CaptWhite overlay"
route-map map1 20006 match matchstr vlan:25
route-map map1 20006 set auto-opt-overlay 7 if-down pass-through
route-map map1 20007 comment "CriticalApps overlay"
route-map map1 20007 match acl Overlay_CriticalApps
route-map map1 20007 set auto-opt-overlay 2 if-down pass-through
route-map map1 20008 comment "BulkApps overlay"
route-map map1 20008 match acl Overlay_BulkApps
route-map map1 20008 set auto-opt-overlay 3 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 BulkApps bonding-policy high-quality
    overlay BulkApps disqualify-behavior on-overlay-brownout
    overlay BulkApps fec-wait-time 80
    overlay BulkApps internet-traffic policy local-breakout backup
    overlay BulkApps internet-traffic policy local-breakout primary passThrough_197
    overlay BulkApps internet-traffic policy-list 0
    overlay BulkApps internet-traffic policy-list 0
    overlay BulkApps internet-traffic policy-list 0.000000000
    overlay BulkApps internet-traffic policy-list 1
    overlay BulkApps internet-traffic policy-list 1
    overlay BulkApps internet-traffic policy-list 80
    overlay BulkApps internet-traffic policy-list false
    overlay BulkApps internet-traffic policy-list local_breakout,backhaul_via_overlay,drop
    overlay BulkApps load-balance-policy waterfall-by-quality
    overlay BulkApps max-fec-pct 20.000000000
    overlay BulkApps min-fec-pct 2.000000000
    overlay BulkApps poc-wait-time-max 100
    overlay BulkApps poc-wait-time-min 5
    overlay BulkApps reorder-speed 2
    overlay BulkApps topo node_type non-hub
    overlay BulkApps wan-label INET1 boundary-behavior on-brownout
    overlay BulkApps wan-label INET1 cost 0
    overlay BulkApps wan-label INET1 priority 0
    overlay BulkApps wan-label INET2 boundary-behavior on-brownout
    overlay BulkApps wan-label INET2 cost 0
    overlay BulkApps wan-label INET2 priority 0
    overlay BulkApps wan-label LTE boundary-behavior on-blackout
    overlay BulkApps wan-label LTE cost 0
    overlay BulkApps wan-label LTE priority 2
    overlay BulkApps wan-label MPLS1 boundary-behavior on-brownout
    overlay BulkApps wan-label MPLS1 cost 0
    overlay BulkApps wan-label MPLS1 priority 0
    overlay BulkApps wan-label MPLS2 boundary-behavior on-brownout
    overlay BulkApps wan-label MPLS2 cost 0
    overlay BulkApps wan-label MPLS2 priority 0
    overlay BulkApps zone add 0
    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 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 BulkApps 3
   overlay add CaptWhite 7
   overlay add CriticalApps 2
   overlay add DefaultOverlay 4
   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 DN_ACTION_tun-dn_om_passThrough_197 attributes type=tun-dn;tun-alias=Passthrough_INET1_BulkApps
    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 action UP_ACTION_tun-up_om_passThrough_197 attributes type=tun-up;tun-alias=Passthrough_INET1_BulkApps
    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 manager MGR_ip-monitor_om_passThrough_197 attributes operation=OPERATION_om_passThrough_197;up-action=UP_ACTION_tun-
up_om_passThrough_197;dn-action=DN_ACTION_tun-dn_om_passThrough_197;interval=30
    ip-tracking manager MGR_ip-monitor_om_passThrough_197 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
    ip-tracking operation OPERATION_om_passThrough_197 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
    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 #
```