

Last login: Tue Oct 14 03:39:31 2025 from ::1

```
03:41 greg@xcf16 ~ ?
03:41 greg@xcf16 ~ ? res
Script started, output file is /Users/f16/16sessions/251014-034141-term-session.session
03:41 greg@xcf16 ~ ?
03:41 greg@xcf16 ~ ?
03:41 greg@xcf16 ~ ?
03:41 greg@xcf16 ~ ? ssh 172.18.250.1 -l1bucsadmin
```

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(1bucsadmin@172.18.250.1) Password:

Last login: Tue Oct 14 10:22:53 2025 from 172.18.250.2

You are accessing a HPE Aruba Networking Information System (IS) that is provided for HPE Aruba Networking Simulated-authorized use only.

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-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.
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```
KW-10106 >
KW-10106 > en
KW-10106 # sh management route
```

Destination	Mask	Gateway	Interface	Metric	Source
default	/0	192.168.86.1	wan2	251	10.250.28.131
10.0.0.0	/24	0.0.0.0	wan1	100	0.0.0.0
10.250.28.131	/32	0.0.0.0	lo20000	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
172.18.1.0	/24	0.0.0.0	lan1	100	0.0.0.0
172.18.250.0	/24	0.0.0.0	mgmt0	0	172.18.250.1
192.168.21.0	/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-10106 # sh subnet

Auto-subnet : enabled (use system auto-subnet to change)

Add-local : disabled, metric 50

OSPF Redistribution - disabled, metric 50, redistrib 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: 31/95536 entries

prefix/len	nextthop	metric	peer id	saas	community	AS path	details
172.17.43.0/32		50	2074338	0	N/A	N/A	LRN_SPS_HUB,107.215.36.181
10.250.28.139/32		100	2074338	0	N/A	N/A	LRN_SPS_HUB,107.215.36.181
10.250.28.139/32		50	4588673	0	N/A	N/A	LRN_SPS,104.191.57.147
10.250.28.132/32		50	2074338	0	N/A	N/A	LRN_SPS_HUB,107.215.36.181
10.250.28.131/32		50	2700616	0	N/A	N/A	AUTO ADV LOCAL
10.250.28.130/32		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	LRN_SPS,70.95.101.9
192.168.86.0/24		50	2700616	0	N/A	N/A	AUTO LOCAL
192.168.86.0/24		100	2074338	0	N/A	N/A	LRN_SPS_HUB,107.215.36.181
192.168.86.0/24		50	2754720	0	N/A	N/A	LRN_SPS,70.95.101.9
192.168.21.0/24		50	2700616	0	N/A	N/A	AUTO ADV LOCAL
172.28.1.0/24	198.15.99.8	1	2700616	0	N/A	N/A	AUTO ADV MGMT
172.28.1.0/24		100	2074338	0	N/A	N/A	LRN_SPS_HUB,107.215.36.181
172.28.1.0/24		50	2754720	0	N/A	N/A	LRN_SPS,70.95.101.9
172.18.1.0/24		50	2700616	0	N/A	N/A	AUTO ADV LOCAL
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	2700616	0	N/A	N/A	AUTO LOCAL
169.254.125.0/24		50	2700616	0	N/A	N/A	AUTO LOCAL
169.254.124.0/24		50	2700616	0	N/A	N/A	AUTO LOCAL
12.0.0.0/24	10.0.0.1	50	2700616	0	N/A	N/A	CFG ADV LOCAL
12.0.0.0/24		100	2074338	0	N/A	N/A	LRN_SPS_HUB,107.215.36.181
12.0.0.0/24		50	2754720	0	N/A	N/A	LRN_SPS,70.95.101.9
10.0.16.0/24		100	2074338	0	N/A	N/A	LRN_SPS_HUB,107.215.36.181
10.0.16.0/24		50	4588673	0	N/A	N/A	LRN_SPS,104.191.57.147
10.0.0.0/24		100	2074338	0	N/A	N/A	LRN_SPS_HUB,107.215.36.181
10.0.0.0/24		50	2700616	0	N/A	N/A	AUTO ADV LOCAL
10.0.0.0/24		50	2754720	0	N/A	N/A	LRN_SPS,70.95.101.9
0.0.0.0/0	192.168.86.1	1251	2700616	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	10.0.0.1	3655	2700616	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-10106 # sh interfaces

Interface cpkt_datapath state

Admin up:	yes
Link up:	yes
IPv6 address:	fe80::a8ce:61ff:fe2e:18a1/64
Speed:	N/A
Duplex:	N/A
Interface type:	ethernet

MTU: 1500
HW address: AA:CE:61:2E:18: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 ids_tap0 state

Admin up: yes
Link up: yes
IPv6 address: fe80::64d8:8eff:fe67:7bea/64
Speed: N/A
Duplex: N/A
Interface type: ethernet
MTU: 1526
HW address: 66:D8:8E:67:7B:EA

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::a8a6:94ff:fe25:ad8d/64
Speed: N/A
Duplex: N/A
Interface type: ethernet
MTU: 1526
HW address: AA:A6:94:25:AD:8D

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::18c1:ebff:fe9c:b78b/64
Speed: N/A
Duplex: N/A
Interface type: ethernet
MTU: 9000
HW address: 1A:C1:EB:9C:B7:8B

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::e035:d3ff:fe9b:5833/64
Speed: N/A
Duplex: N/A
Interface type: ethernet
MTU: 1526
HW address: E2:35:D3:9B:58:33

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::c8c1:dcff:fe93:f3ca/64
Speed: N/A
Duplex: N/A
Interface type: ethernet
MTU: 1526
HW address: CA:C1:DC:93:F3:CA

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::8cea:c9ff:fec9:919e/64
Speed: N/A
Duplex: N/A
Interface type: ethernet
MTU: 9000
HW address: 8E:EA:C9:C9:91:9E

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::3496:ddf:fe80:221f/64
Speed: N/A
Duplex: N/A
Interface type: ethernet
MTU: 1526
HW address: 36:96:0D:80:22:1F

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::90de:b5ff:fe93:da80/64
Speed: N/A
Duplex: N/A
Interface type: ethernet
MTU: 1526
HW address: 92:DE:B5:93:DA:80

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::c826:a7ff:fe76:98d0/64
Speed: N/A
Duplex: N/A
Interface type: ethernet
MTU: 9000
HW address: CA:26:A7:76:98:D0

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::4c11:e8ff:fe97:b8c1/64
Speed: N/A
Duplex: N/A
Interface type: ethernet
MTU: 1526
HW address: 4E:11:E8:97:B8:C1

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::3821:5eff:fe64:4e9/64
Speed: N/A
Duplex: N/A
Interface type: ethernet
MTU: 1526
HW address: 3A:21:5E:64:04:E9

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::fc44:f7ff:fecf:8/64
Speed: N/A
Duplex: N/A
Interface type: ethernet
MTU: 9000
HW address: FE:44:F7:CF:00:08

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::c4c0:c8ff:fe01:dc17/64
Speed: N/A
Duplex: N/A
Interface type: ethernet
MTU: 1500
HW address: C6:C0:C8:01:DC:17

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::fc32:65ff:fe61:316a/64
Speed: N/A
Duplex: N/A
Interface type: ethernet
MTU: 1500
HW address: FE:32:65:61:31:6A

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: 192.168.21.1
Netmask: 255.255.255.0
Speed: UNKNOWN
Duplex: UNKNOWN
Interface type: ethernet
MTU: 1500
HW address: 00:1B:BC:29:35:4A

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:      172.18.1.1
Netmask:           255.255.255.0
IPv6 address:      fe80::21b:bcff:fe29:354b/64
Speed:             100Mb/s
Duplex:            full
Interface type:    ethernet
MTU:               1500
HW address:        00:1B:BC:29:35:4B

PoE enabled:       yes

RX bytes:          94215534
RX packets:        214358
RX mcast packets:  88885
RX discards:       88821
RX errors:         0
RX overruns:       0
RX frame:          0

TX bytes:          84431440
TX packets:        121347
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:29:35:4C

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: 286999
RX packets: 1667
RX mcast packets: 0
RX discards: 0
RX errors: 0
RX overruns: 0
RX frame: 0

TX bytes: 286999
TX packets: 1667
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: 10.250.28.131
Netmask: 255.255.255.255
IPv6 address: fe80::90c5:f3ff:fe48:6255/64
Speed: N/A
Duplex: N/A
Interface type: ethernet
MTU: 1500
HW address: 92:C5:F3:48:62:55

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: 172.18.250.1
Netmask: 255.255.255.0
IPv6 address: fe80::21b:bcff:fe29:3548/64

Speed: 1000Mb/s
Duplex: full
Interface type: ethernet
MTU: 1500
HW address: 00:1B:BC:29:35:48

RX bytes: 555762
RX packets: 6714
RX mcast packets: 0
RX discards: 0
RX errors: 0
RX overruns: 0
RX frame: 0

TX bytes: 697658
TX packets: 3893
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:29:35:49

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::84f4:17ff:fe82:9a9b/64
Speed: N/A
Duplex: N/A
Interface type: ethernet
MTU: 1500

HW address: 86:F4:17:82:9A:9B

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::b844:8cff:fe9d:a5a6/64
Speed: N/A
Duplex: N/A
Interface type: ethernet
MTU: 1500
HW address: BA:44:8C:9D:A5:A6

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::b053:72ff:fe5d:77d9/64
Speed: N/A
Duplex: N/A
Interface type: ethernet
MTU: 1500
HW address: B2:53:72:5D:77:D9

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::4031:6dff:feb7:12d6/64
Speed: N/A
Duplex: N/A
Interface type: ethernet
MTU: 1500
HW address: 42:31:6D:B7:12:D6

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::942c:34ff:feb8:7f59/64
Speed: N/A
Duplex: N/A
Interface type: ethernet
MTU: 1500
HW address: 96:2C:34:B8:7F:59

RX bytes: 309351920
RX packets: 827294
RX mcast packets: 0
RX discards: 0
RX errors: 0
RX overruns: 0
RX frame: 0

TX bytes: 244831634
TX packets: 770942
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::d858:8dff:fec7:dbf0/64
Speed: N/A
Duplex: N/A
Interface type: ethernet
MTU: 1500
HW address: DA:58:8D:C7:DB:F0

RX bytes: 253018630
RX packets: 770942
RX mcast packets: 0
RX discards: 0
RX errors: 0
RX overruns: 0
RX frame: 0

TX bytes: 317813016
TX packets: 827264
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::4cba:2aff:fe3e:9e39/64
Speed: N/A
Duplex: N/A
Interface type: ethernet
MTU: 1500
HW address: 4E:BA:2A:3E:9E:39

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::fc54:c2ff:fee0:976e/64
Speed: N/A
Duplex: N/A
Interface type: ethernet
MTU: 1500
HW address: FE:54:C2:E0:97:6E

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:fe29:354d/64
Speed: 1000Mb/s
Duplex: full
Interface type: ethernet

MTU: 1500
HW address: 00:1B:BC:29:35:4D

RX bytes: 461832
RX packets: 2866
RX mcast packets: 0
RX discards: 0
RX errors: 0
RX overruns: 0
RX frame: 0

TX bytes: 3233790
TX packets: 12448
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: 10.0.0.6
Netmask: 255.255.255.0
IPv6 address: fe80::21b:bcff:fe29:354e/64
Speed: 1000Mb/s
Duplex: full
Interface type: ethernet
MTU: 1500
HW address: 00:1B:BC:29:35:4E

RX bytes: 4570480
RX packets: 26701
RX mcast packets: 8211
RX discards: 8211
RX errors: 0
RX overruns: 0
RX frame: 0

TX bytes: 2622098
TX packets: 23548
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: 192.168.86.28
Netmask: 255.255.255.0
IPv6 address: fe80::21b:bcff:fe29:354f/64
Speed: 100Mb/s
Duplex: full
Interface type: ethernet
MTU: 1500
HW address: 00:1B:BC:29:35:4F

```

Combo port type:      RJ45

RX bytes:             578802964
RX packets:           2579580
RX mcast packets:     83591
RX discards:          83206
RX errors:             0
RX overruns:          0
RX frame:             0

TX bytes:             639768915
TX packets:           2438058
TX discards:          0
TX errors:             0
TX overruns:          0
TX carrier:           0
TX collisions:        0
KW-10106 # sh tunnel ?
<cr>                  Display detailed running state for user configured tunnels
all                   Display detailed running state for all tunnels
brief                 Display brief running state for all tunnels
configured            Display configuration for all tunnels
counts                Display current configured tunnel counts
peers                 Display table summary info for all tunnel peers
stats                 Display system wide tunnel statistics
summary               Display table summary info for all tunnels
<tunnel name>
bondedTunnel_208
bondedTunnel_243
bondedTunnel_244
bondedTunnel_27
bondedTunnel_28
bondedTunnel_29
bondedTunnel_30
passThrough_216
passThrough_217
passThrough_218
passThrough_219
passThrough_221
passThrough_225
passThrough_232
passThrough_239
passThrough_240
tunnel_222
tunnel_241
tunnel_242
to_Baton-Rouge-EC_CaptWhite
to_USN-VIL-E01_LAB_5030
to_KW-10108_LAB_5030
to_Baton-Rouge-EC_DefaultOverlay
to_Baton-Rouge-EC_CriticalApps
to_Baton-Rouge-EC_RealTime
to_Baton-Rouge-EC_LAB_5030
Passthrough_INET2_CaptWhite
Passthrough_INET2_wan2
Passthrough_INET2_RealTime
Passthrough_INET2_CriticalApps
Passthrough_INET2_DefaultOverlay
Passthrough_FSE_lan0

```

```
Passthrough_OVERLAY_L1_lan1
Passthrough_wan1
Passthrough_INET2_LAB_5030
to_Baton-Rouge-EC_INET2-INET1
to_KW-10108_INET2-INET1
to_USN-VIL-E01_INET2-INET1
KW-10106 # sh tunnel all
Tunnel to_Baton-Rouge-EC_CaptWhite(bondedTunnel_208) state
  Admin: up
  Oper: Up - Idle
  Uptime: 1d 22h 20m 27s
  Type: Bonded
  MTU: 1488
  Tag name: CaptWhite
  ID: 16
  Bonded ID: 7
  Peer ID: 2074338
  Bound tunnels:
    to_Baton-Rouge-EC_INET2-INET1(tunnel_222) (*) ($)
  Tunnel black list 0x0
  Tunnel brown list 0x0
  Tunnel green list 0x1
  Tunnel current list 0x1
  Tunnel curr ids list ( 15 )
  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: 260
  Tx Bytes: 0
  Rx Pkts: 5
  Tx Pkts: 0
  Tx Invalid Pkts: 0

WAN Rx Bytes: 0
  Tx Bytes: 720
  Rx Pkts: 0
  Tx Pkts: 5
  Rx Invalid Pkts: 0
  Rx Lost Pkts: 0
  Rx Duplicate Pkts: 0

Tunnel to_USN-VIL-E01_LAB_5030(bondedTunnel_243) state
  Admin: up
  Oper: Up - Idle
  Uptime: 26m 31s
  Type: Bonded
  MTU: 1488
  Tag name: LAB_5030
  ID: 28
  Bonded ID: 3
  Peer ID: 4588673
  Bound tunnels:
    to_USN-VIL-E01_INET2-INET1(tunnel_242) (*) ($)
  Tunnel black list 0x0
  Tunnel brown list 0x0
  Tunnel green list 0x1
  Tunnel current list 0x1
  Tunnel curr ids list ( 27 )
```

Bonded tunnel state brown 0
Bonded tunnel state brown Latency 0
Bonded tunnel state brown Loss 0
Bonded tunnel state brown Jitter 0

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

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

Tunnel to_KW-10108_LAB_5030(bondedTunnel_244) state

Admin: up
Oper: Up - Active
Uptime: 26m 30s
Type: Bonded
MTU: 1488
Tag name: LAB_5030
ID: 29
Bonded ID: 3
Peer ID: 2754720
Bound tunnels:

to_KW-10108_INET2-INET1(tunnel_241) (*) (\$)

Tunnel black list 0x0
Tunnel brown list 0x0
Tunnel green list 0x1
Tunnel current list 0x1
Tunnel curr ids list (26)

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: 1097864
Tx Bytes: 1097864
Rx Pkts: 1509
Tx Pkts: 1509
Tx Invalid Pkts: 0

WAN Rx Bytes: 1254800
Tx Bytes: 1254800
Rx Pkts: 1509
Tx Pkts: 1509
Rx Invalid Pkts: 0
Rx Lost Pkts: 0
Rx Duplicate Pkts: 0

Tunnel to_Baton-Rouge-EC_DefaultOverlay(bondedTunnel_27) state

Admin: up
Oper: Up - Idle
Uptime: 1d 22h 20m 27s

Type: Bonded
MTU: 1488
Tag name: DefaultOverlay
ID: 20
Bonded ID: 4
Peer ID: 2074338
Bound tunnels: to_Baton-Rouge-EC_INET2-INET1(tunnel_222) (*) (\$)
Tunnel black list 0x0
Tunnel brown list 0x0
Tunnel green list 0x1
Tunnel current list 0x1
Tunnel curr ids list (15)
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: 81149456
Tx Bytes: 80973676
Rx Pkts: 115219
Tx Pkts: 113286
Tx Invalid Pkts: 0
WAN Rx Bytes: 88819232
Tx Bytes: 89455104
Rx Pkts: 111522
Tx Pkts: 115119
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: 1d 22h 20m 27s
Type: Bonded
MTU: 1488
Tag name: CriticalApps
ID: 21
Bonded ID: 2
Peer ID: 2074338
Bound tunnels: to_Baton-Rouge-EC_INET2-INET1(tunnel_222) (*) (\$)
Tunnel black list 0x0
Tunnel brown list 0x0
Tunnel green list 0x1
Tunnel current list 0x1
Tunnel curr ids list (15)
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: 1d 22h 20m 27s
Type: Bonded
MTU: 1488
Tag name: RealTime
ID: 22
Bonded ID: 1
Peer ID: 2074338
Bound tunnels:

to_Baton-Rouge-EC_INET2-INET1(tunnel_222) (*) (\$)
Tunnel black list 0x0
Tunnel brown list 0x0
Tunnel green list 0x1
Tunnel current list 0x1
Tunnel curr ids list (15)
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_LAB_5030(bondedTunnel_30) state

Admin: up
Oper: Up - Idle
Uptime: 1d 22h 20m 27s
Type: Bonded
MTU: 1488
Tag name: LAB_5030
ID: 23
Bonded ID: 3
Peer ID: 2074338
Bound tunnels:

to_Baton-Rouge-EC_INET2-INET1(tunnel_222) (*) (\$)
Tunnel black list 0x0
Tunnel brown list 0x0

```
Tunnel green list      0x1
Tunnel current list    0x1
Tunnel curr ids list   ( 15 )
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:          31304
Tx Bytes:               31304
Rx Pkts:                43
Tx Pkts:                43
Tx Invalid Pkts:        0

WAN Rx Bytes:          35232
Tx Bytes:               34432
Rx Pkts:                44
Tx Pkts:                43
Rx Invalid Pkts:        0
Rx Lost Pkts:           0
Rx Duplicate Pkts:      0
```

Tunnel Passthrough_INET2_CaptWhite(passThrough_216) state

```
Admin:                  up
Oper:                   Up - Active
Uptime:                 1d 22h 20m 48s
Tunnel ID:              2
Local IP address:       192.168.86.28
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_INET2_wan2(passThrough_217) state

```
Admin:                  up
Oper:                   Up - Active
Uptime:                 1d 22h 20m 48s
Tunnel ID:              4
Local IP address:       192.168.86.28
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_INET2_RealTime(passThrough_218) state

Admin: up
Oper: Up - Active
Uptime: 1d 22h 20m 48s
Tunnel ID: 5
Local IP address: 192.168.86.28
Remote IP address: 0.0.0.0
Remote Appliance ID: 2
MTU: 1500

LAN Rx Bytes: 38760
Tx Bytes: 48768
Rx Pkts: 510
Tx Pkts: 508
Tx Invalid Pkts: 0

WAN Rx Bytes: 48768
Tx Bytes: 38760
Rx Pkts: 508
Tx Pkts: 510
Rx Invalid Pkts: 0
Rx Lost Pkts: 0
Rx Duplicate Pkts: 0

Tunnel Passthrough_INET2_CriticalApps(passThrough_219) state

Admin: up
Oper: Up - Active
Uptime: 1d 22h 20m 48s
Tunnel ID: 6
Local IP address: 192.168.86.28
Remote IP address: 0.0.0.0
Remote Appliance ID: 3
MTU: 1500

LAN Rx Bytes: 119593791
Tx Bytes: 44908098
Rx Pkts: 202169
Tx Pkts: 148122
Tx Invalid Pkts: 0

WAN Rx Bytes: 44908098
Tx Bytes: 119593791

Rx Pkts: 148122
Tx Pkts: 202169
Rx Invalid Pkts: 0
Rx Lost Pkts: 0
Rx Duplicate Pkts: 0

Tunnel Passthrough_INET2_DefaultOverlay(passThrough_221) state

Admin: up
Oper: Up - Active
Uptime: 1d 22h 20m 48s
Tunnel ID: 14
Local IP address: 192.168.86.28
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_FSE_lan0(passThrough_225) state

Admin: up
Oper: Down
Uptime: 0s
Tunnel ID: 19
Local IP address: 192.168.21.1
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_OVERLAY_L1_lan1(passThrough_232) state

Admin: up

Oper: Up - Active
Uptime: 1d 22h 20m 46s
Tunnel ID: 31
Local IP address: 172.18.1.1
Remote IP address: 0.0.0.0
Remote Appliance ID: 1
MTU: 1500

LAN Rx Bytes: 168
Tx Bytes: 208
Rx Pkts: 2
Tx Pkts: 2
Tx Invalid Pkts: 0

WAN Rx Bytes: 208
Tx Bytes: 168
Rx Pkts: 2
Tx Pkts: 2
Rx Invalid Pkts: 0
Rx Lost Pkts: 0
Rx Duplicate Pkts: 0

Tunnel Passthrough_wan1(passThrough_239) state

Admin: up
Oper: Up - Active
Uptime: 1d 17h 32m 41s
Tunnel ID: 24
Local IP address: 10.0.0.6
Remote IP address: 0.0.0.0
Remote Appliance ID: 1
MTU: 1500

LAN Rx Bytes: 84
Tx Bytes: 104
Rx Pkts: 1
Tx Pkts: 1
Tx Invalid Pkts: 0

WAN Rx Bytes: 104
Tx Bytes: 84
Rx Pkts: 1
Tx Pkts: 1
Rx Invalid Pkts: 0
Rx Lost Pkts: 0
Rx Duplicate Pkts: 0

Tunnel Passthrough_INET2_LAB_5030(passThrough_240) state

Admin: up
Oper: Up - Active
Uptime: 26m 46s
Tunnel ID: 25
Local IP address: 192.168.86.28
Remote IP address: 0.0.0.0
Remote Appliance ID: 1
MTU: 1500

LAN Rx Bytes: 0

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

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

Tunnel to_Baton-Rouge-EC_INET2-INET1(tunnel_222) state

Admin: up
Oper: Up - Idle
Uptime: 1d 22h 20m 29s
Tunnel ID: 15
Local IP address: 192.168.86.28
Remote IP address: 107.215.36.181
Remote Appliance ID: 2074338
MTU: 1488

LAN Rx Bytes: 81181020
Tx Bytes: 80821732
Rx Pkts: 115267
Tx Pkts: 111567
Tx Invalid Pkts: 0

WAN Rx Bytes: 88854464
Tx Bytes: 89490256
Rx Pkts: 111566
Tx Pkts: 115167
Rx Invalid Pkts: 0
Rx Lost Pkts: 0
Rx Duplicate Pkts: 0

Tunnel to_KW-10108_INET2-INET1(tunnel_241) state

Admin: up
Oper: Up - Active
Uptime: 26m 33s
Tunnel ID: 26
Local IP address: 192.168.86.28
Remote IP address: 192.168.86.24
Remote Appliance ID: 2754720
MTU: 1488

LAN Rx Bytes: 1097864
Tx Bytes: 1097864
Rx Pkts: 1509
Tx Pkts: 1509
Tx Invalid Pkts: 0

WAN Rx Bytes: 1254800
Tx Bytes: 1254800
Rx Pkts: 1509
Tx Pkts: 1509

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

Tunnel to_USN-VIL-E01_INET2-INET1(tunnel_242) state

```
Admin: up
Oper: Up - Idle
Uptime: 26m 33s
Tunnel ID: 27
Local IP address: 192.168.86.28
Remote IP address: 104.191.57.147
Remote Appliance ID: 4588673
MTU: 1488
```

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

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

```
KW-10106 # 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 172.18.1.1 /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 172.18.250.1 /24
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 10.0.0.6 /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 12.0.0.0 /24 10.0.0.1 wan1 1 0.0.0.0
    ip route 172.28.1.0 /24 198.15.99.8 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-10106
    ip host localhost 127.0.0.1
    ip mgmt-ip 10.250.28.131

##
## 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 disable
    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 disable
    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 100000
    system bandwidth outbound-max 35000
    system bandwidth wan0 max 35000
    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,92101,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 EC6_WAN1-ASLAN create interface wan1 lan
system router EC6_WAN1-ASLAN ip 10.0.0.6 /24 nexthop 10.0.0.1 vlan 0
system router EC6_WAN1-ASLAN ip 10.0.0.6 /24 nexthop 10.0.0.1 vlan 0
system router EC6_WAN1-ASLAN ip 10.0.0.6 inbound-max-bw 0
system router EC6_WAN1-ASLAN ip 10.0.0.6 outbound-max-bw 0
system router EC6_WAN1-ASLAN ip 10.0.0.6 security-mode 0
system router EC6_WAN1-ASLAN ip 10.0.0.6 segment 0
system router EC6_WAN1-ASLAN ip 10.0.0.6 target-in-thres 95.000000000
system router EC6_WAN1-ASLAN ip 10.0.0.6 target-out-thres 95.000000000
system router EC6_WAN1-ASLAN ip 10.0.0.6 zone 0
system router rtr1 create interface lan0 lan
system router rtr1 ip 192.168.21.1 /24 nexthop 0.0.0.0 vlan 0
system router rtr1 ip 192.168.21.1 /24 nexthop 0.0.0.0 vlan 0
system router rtr1 ip 192.168.21.1 inbound-max-bw 0
system router rtr1 ip 192.168.21.1 label 25
system router rtr1 ip 192.168.21.1 outbound-max-bw 0
system router rtr1 ip 192.168.21.1 security-mode 0
system router rtr1 ip 192.168.21.1 segment 0
system router rtr1 ip 192.168.21.1 target-in-thres 95.000000000
system router rtr1 ip 192.168.21.1 target-out-thres 95.000000000
system router rtr1 ip 192.168.21.1 zone 0
system router rtr2 create interface lan1 lan
system router rtr2 ip 172.18.1.1 /24 nexthop 0.0.0.0 vlan 0
system router rtr2 ip 172.18.1.1 /24 nexthop 0.0.0.0 vlan 0
system router rtr2 ip 172.18.1.1 inbound-max-bw 0
system router rtr2 ip 172.18.1.1 label 31
system router rtr2 ip 172.18.1.1 outbound-max-bw 0
system router rtr2 ip 172.18.1.1 security-mode 0
system router rtr2 ip 172.18.1.1 segment 0
system router rtr2 ip 172.18.1.1 target-in-thres 95.000000000
system router rtr2 ip 172.18.1.1 target-out-thres 95.000000000
system router rtr2 ip 172.18.1.1 zone 0
```



```
system router rtr3 create interface wan2 wan
system router rtr3 dhcp vlan 0 inbound-max-bw 100000
system router rtr3 dhcp vlan 0 label 6
system router rtr3 dhcp vlan 0 outbound-max-bw 35000
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 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 12.0.0.0/24 segment Default nexthop 10.0.0.1 interface wan1 mac 00:00:00:00:00:00 vni 16777216
subnet 12.0.0.0/24 segment Default nexthop 10.0.0.1 interface wan1 metric 50
subnet 12.0.0.0/24 segment Default nexthop 10.0.0.1 interface wan1
subnet 12.0.0.0/24 segment Default nexthop 10.0.0.1 interface wan1 comment "EC6-WAN1-VIA-LOCAL-WAN1"
subnet 12.0.0.0/24 segment Default nexthop 10.0.0.1 interface wan1 dir any
subnet 12.0.0.0/24 segment Default nexthop 10.0.0.1 interface wan1 zone 65534

##
## Shaper Config
##
shaper inbound wan accuracy 5000
shaper inbound wan dynamic-bandwidth disable
shaper inbound wan enable
shaper inbound wan max-bandwidth 100000
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 35000
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_208 create bonded-tunnel tag-name CaptWhite bonded-id 7
interface tunnel bondedTunnel_243 create bonded-tunnel tag-name LAB_5030 bonded-id 3
interface tunnel bondedTunnel_244 create bonded-tunnel tag-name LAB_5030 bonded-id 3
interface tunnel bondedTunnel_27 create bonded-tunnel tag-name DefaultOverlay bonded-id 4
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 bondedTunnel_30 create bonded-tunnel tag-name LAB_5030 bonded-id 3
interface tunnel passThrough_216 create 192.168.86.28 0.0.0.0 100 auto no_encap
interface tunnel passThrough_217 create 192.168.86.28 0.0.0.0 100 auto no_encap
interface tunnel passThrough_218 create 192.168.86.28 0.0.0.0 100 auto no_encap
interface tunnel passThrough_219 create 192.168.86.28 0.0.0.0 100 auto no_encap
interface tunnel passThrough_221 create 192.168.86.28 0.0.0.0 100 auto no_encap
interface tunnel passThrough_225 create 192.168.21.1 0.0.0.0 100 auto no_encap
interface tunnel passThrough_232 create 172.18.1.1 0.0.0.0 100 auto no_encap
interface tunnel passThrough_239 create 10.0.0.6 0.0.0.0 100 auto no_encap
interface tunnel passThrough_240 create 192.168.86.28 0.0.0.0 100 auto no_encap
interface tunnel tunnel_222 create 192.168.86.28 107.215.36.181 100 auto udp_sp
interface tunnel tunnel_241 create 192.168.86.28 70.95.101.9 100 auto udp_sp
interface tunnel tunnel_242 create 192.168.86.28 104.191.57.147 100 auto udp_sp
```

```
##
## Tunnel Config
##
```

```
interface tunnel bondedTunnel_208 admin up
interface tunnel bondedTunnel_208 alias to_Baton-Rouge-EC_CaptWhite
interface tunnel bondedTunnel_208 bind-tunnel tunnel_222
interface tunnel bondedTunnel_208 control-packet dscp be
interface tunnel bondedTunnel_208 gms-marked
interface tunnel bondedTunnel_208 gre-protocol 2048
interface tunnel bondedTunnel_208 max-bandwidth 35000
interface tunnel bondedTunnel_208 nat-mode none
interface tunnel bondedTunnel_208 packet coalesce enable
interface tunnel bondedTunnel_208 packet coalesce wait 0
interface tunnel bondedTunnel_208 packet fec disable
interface tunnel bondedTunnel_208 packet fec ratio 1:10
interface tunnel bondedTunnel_208 packet reorder wait 100
interface tunnel bondedTunnel_208 peer-name ""
interface tunnel bondedTunnel_208 threshold fastfail disable
interface tunnel bondedTunnel_208 threshold fastfail-wait base-ms 150
interface tunnel bondedTunnel_208 threshold fastfail-wait rtt-x 2
interface tunnel bondedTunnel_208 threshold jitter 0
interface tunnel bondedTunnel_208 threshold latency 0
interface tunnel bondedTunnel_208 threshold loss 0.000000
interface tunnel bondedTunnel_208 threshold retry-count 30
interface tunnel bondedTunnel_243 admin up
interface tunnel bondedTunnel_243 alias to_USN-VIL-E01_LAB_5030
interface tunnel bondedTunnel_243 bind-tunnel tunnel_242
interface tunnel bondedTunnel_243 control-packet dscp be
interface tunnel bondedTunnel_243 gms-marked
interface tunnel bondedTunnel_243 gre-protocol 2048
interface tunnel bondedTunnel_243 max-bandwidth 35000
interface tunnel bondedTunnel_243 nat-mode none
interface tunnel bondedTunnel_243 packet coalesce enable
```

```
interface tunnel bondedTunnel_243 packet coalesce wait 0
interface tunnel bondedTunnel_243 packet fec disable
interface tunnel bondedTunnel_243 packet fec ratio 1:10
interface tunnel bondedTunnel_243 packet reorder wait 100
interface tunnel bondedTunnel_243 peer-name unassigned
interface tunnel bondedTunnel_243 threshold fastfail disable
interface tunnel bondedTunnel_243 threshold fastfail-wait base-ms 150
interface tunnel bondedTunnel_243 threshold fastfail-wait rtt-x 2
interface tunnel bondedTunnel_243 threshold jitter 0
interface tunnel bondedTunnel_243 threshold latency 0
interface tunnel bondedTunnel_243 threshold loss 0.000000
interface tunnel bondedTunnel_243 threshold retry-count 30
interface tunnel bondedTunnel_244 admin up
interface tunnel bondedTunnel_244 alias to_KW-10108_LAB_5030
interface tunnel bondedTunnel_244 bind-tunnel tunnel_241
interface tunnel bondedTunnel_244 control-packet dscp be
interface tunnel bondedTunnel_244 gms-marked
interface tunnel bondedTunnel_244 gre-protocol 2048
interface tunnel bondedTunnel_244 max-bandwidth 35000
interface tunnel bondedTunnel_244 nat-mode none
interface tunnel bondedTunnel_244 packet coalesce enable
interface tunnel bondedTunnel_244 packet coalesce wait 0
interface tunnel bondedTunnel_244 packet fec disable
interface tunnel bondedTunnel_244 packet fec ratio 1:10
interface tunnel bondedTunnel_244 packet reorder wait 100
interface tunnel bondedTunnel_244 peer-name unassigned
interface tunnel bondedTunnel_244 threshold fastfail disable
interface tunnel bondedTunnel_244 threshold fastfail-wait base-ms 150
interface tunnel bondedTunnel_244 threshold fastfail-wait rtt-x 2
interface tunnel bondedTunnel_244 threshold jitter 0
interface tunnel bondedTunnel_244 threshold latency 0
interface tunnel bondedTunnel_244 threshold loss 0.000000
interface tunnel bondedTunnel_244 threshold retry-count 30
interface tunnel bondedTunnel_27 admin up
interface tunnel bondedTunnel_27 alias to_Baton-Rouge-EC_DefaultOverlay
interface tunnel bondedTunnel_27 bind-tunnel tunnel_222
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 35000
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_222
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 35000
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_222
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 35000
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 bondedTunnel_30 admin up
interface tunnel bondedTunnel_30 alias to_Baton-Rouge-EC_LAB_5030
interface tunnel bondedTunnel_30 bind-tunnel tunnel_222
interface tunnel bondedTunnel_30 control-packet dscp be
interface tunnel bondedTunnel_30 gms-marked
interface tunnel bondedTunnel_30 gre-protocol 2048
interface tunnel bondedTunnel_30 max-bandwidth 35000
interface tunnel bondedTunnel_30 nat-mode none
interface tunnel bondedTunnel_30 packet coalesce enable
interface tunnel bondedTunnel_30 packet coalesce wait 0
interface tunnel bondedTunnel_30 packet fec disable
interface tunnel bondedTunnel_30 packet fec ratio 1:10
interface tunnel bondedTunnel_30 packet reorder wait 100
interface tunnel bondedTunnel_30 peer-name ""
interface tunnel bondedTunnel_30 threshold fastfail disable
interface tunnel bondedTunnel_30 threshold fastfail-wait base-ms 150
interface tunnel bondedTunnel_30 threshold fastfail-wait rtt-x 2
interface tunnel bondedTunnel_30 threshold jitter 0
interface tunnel bondedTunnel_30 threshold latency 0
interface tunnel bondedTunnel_30 threshold loss 0.000000
interface tunnel bondedTunnel_30 threshold retry-count 30
interface tunnel passThrough_216 admin up
```



```
interface tunnel passThrough_216 alias Passthrough_INET2_CaptWhite
interface tunnel passThrough_216 control-packet dscp be
interface tunnel passThrough_216 gms-marked
interface tunnel passThrough_216 gre-protocol 2048
interface tunnel passThrough_216 max-bandwidth 0
interface tunnel passThrough_216 nat-mode none
interface tunnel passThrough_216 packet coalesce enable
interface tunnel passThrough_216 packet coalesce wait 0
interface tunnel passThrough_216 packet fec disable
interface tunnel passThrough_216 packet fec ratio 1:10
interface tunnel passThrough_216 packet reorder wait 100
interface tunnel passThrough_216 peer-name unassigned
interface tunnel passThrough_216 tag-name 6-7
interface tunnel passThrough_216 threshold fastfail disable
interface tunnel passThrough_216 threshold fastfail-wait base-ms 150
interface tunnel passThrough_216 threshold fastfail-wait rtt-x 2
interface tunnel passThrough_216 threshold jitter 0
interface tunnel passThrough_216 threshold latency 0
interface tunnel passThrough_216 threshold loss 0.000000
interface tunnel passThrough_216 threshold retry-count 30
interface tunnel passThrough_216 udp-flow 256
interface tunnel passThrough_216 udp-port 4163
interface tunnel passThrough_217 admin up
interface tunnel passThrough_217 alias Passthrough_INET2_wan2
interface tunnel passThrough_217 control-packet dscp be
interface tunnel passThrough_217 gms-marked
interface tunnel passThrough_217 gre-protocol 2048
interface tunnel passThrough_217 max-bandwidth 0
interface tunnel passThrough_217 nat-mode none
interface tunnel passThrough_217 packet coalesce enable
interface tunnel passThrough_217 packet coalesce wait 0
interface tunnel passThrough_217 packet fec disable
interface tunnel passThrough_217 packet fec ratio 1:10
interface tunnel passThrough_217 packet reorder wait 100
interface tunnel passThrough_217 peer-name unassigned
interface tunnel passThrough_217 tag-name wan2
interface tunnel passThrough_217 threshold fastfail disable
interface tunnel passThrough_217 threshold fastfail-wait base-ms 150
interface tunnel passThrough_217 threshold fastfail-wait rtt-x 2
interface tunnel passThrough_217 threshold jitter 0
interface tunnel passThrough_217 threshold latency 0
interface tunnel passThrough_217 threshold loss 0.000000
interface tunnel passThrough_217 threshold retry-count 30
interface tunnel passThrough_217 udp-flow 256
interface tunnel passThrough_217 udp-port 4163
interface tunnel passThrough_218 admin up
interface tunnel passThrough_218 alias Passthrough_INET2_RealTime
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 Overlay_RealTime_Primary
interface tunnel passThrough_218 tag-name 6-1
```

```
interface tunnel passThrough_218 threshold fastfail disable
interface tunnel passThrough_218 threshold fastfail-wait base-ms 150
interface tunnel passThrough_218 threshold fastfail-wait rtt-x 2
interface tunnel passThrough_218 threshold jitter 0
interface tunnel passThrough_218 threshold latency 0
interface tunnel passThrough_218 threshold loss 0.000000
interface tunnel passThrough_218 threshold retry-count 30
interface tunnel passThrough_218 udp-flow 256
interface tunnel passThrough_218 udp-port 4163
interface tunnel passThrough_219 admin up
interface tunnel passThrough_219 alias Passthrough_INET2_CriticalApps
interface tunnel passThrough_219 control-packet dscp be
interface tunnel passThrough_219 gms-marked
interface tunnel passThrough_219 gre-protocol 2048
interface tunnel passThrough_219 max-bandwidth 0
interface tunnel passThrough_219 nat-mode none
interface tunnel passThrough_219 packet coalesce enable
interface tunnel passThrough_219 packet coalesce wait 0
interface tunnel passThrough_219 packet fec disable
interface tunnel passThrough_219 packet fec ratio 1:10
interface tunnel passThrough_219 packet reorder wait 100
interface tunnel passThrough_219 peer-name Overlay_CriticalApps_Primary
interface tunnel passThrough_219 tag-name 6-2
interface tunnel passThrough_219 threshold fastfail disable
interface tunnel passThrough_219 threshold fastfail-wait base-ms 150
interface tunnel passThrough_219 threshold fastfail-wait rtt-x 2
interface tunnel passThrough_219 threshold jitter 0
interface tunnel passThrough_219 threshold latency 0
interface tunnel passThrough_219 threshold loss 0.000000
interface tunnel passThrough_219 threshold retry-count 30
interface tunnel passThrough_219 udp-flow 256
interface tunnel passThrough_219 udp-port 4163
interface tunnel passThrough_221 admin up
interface tunnel passThrough_221 alias Passthrough_INET2_DefaultOverlay
interface tunnel passThrough_221 control-packet dscp be
interface tunnel passThrough_221 gms-marked
interface tunnel passThrough_221 gre-protocol 2048
interface tunnel passThrough_221 max-bandwidth 0
interface tunnel passThrough_221 nat-mode none
interface tunnel passThrough_221 packet coalesce enable
interface tunnel passThrough_221 packet coalesce wait 0
interface tunnel passThrough_221 packet fec disable
interface tunnel passThrough_221 packet fec ratio 1:10
interface tunnel passThrough_221 packet reorder wait 100
interface tunnel passThrough_221 peer-name unassigned
interface tunnel passThrough_221 tag-name 6-4
interface tunnel passThrough_221 threshold fastfail disable
interface tunnel passThrough_221 threshold fastfail-wait base-ms 150
interface tunnel passThrough_221 threshold fastfail-wait rtt-x 2
interface tunnel passThrough_221 threshold jitter 0
interface tunnel passThrough_221 threshold latency 0
interface tunnel passThrough_221 threshold loss 0.000000
interface tunnel passThrough_221 threshold retry-count 30
interface tunnel passThrough_221 udp-flow 256
interface tunnel passThrough_221 udp-port 4163
interface tunnel passThrough_225 admin up
interface tunnel passThrough_225 alias Passthrough_FSE_lan0
interface tunnel passThrough_225 control-packet dscp be
interface tunnel passThrough_225 gms-marked
```

```
interface tunnel passThrough_225 gre-protocol 2048
interface tunnel passThrough_225 max-bandwidth 0
interface tunnel passThrough_225 nat-mode none
interface tunnel passThrough_225 packet coalesce enable
interface tunnel passThrough_225 packet coalesce wait 0
interface tunnel passThrough_225 packet fec disable
interface tunnel passThrough_225 packet fec ratio 1:10
interface tunnel passThrough_225 packet reorder wait 100
interface tunnel passThrough_225 peer-name unassigned
interface tunnel passThrough_225 tag-name lan0
interface tunnel passThrough_225 threshold fastfail disable
interface tunnel passThrough_225 threshold fastfail-wait base-ms 150
interface tunnel passThrough_225 threshold fastfail-wait rtt-x 2
interface tunnel passThrough_225 threshold jitter 0
interface tunnel passThrough_225 threshold latency 0
interface tunnel passThrough_225 threshold loss 0.000000
interface tunnel passThrough_225 threshold retry-count 30
interface tunnel passThrough_225 udp-flow 256
interface tunnel passThrough_225 udp-port 4163
interface tunnel passThrough_232 admin up
interface tunnel passThrough_232 alias Passthrough_OVERLAY_L1_lan1
interface tunnel passThrough_232 control-packet dscp be
interface tunnel passThrough_232 gms-marked
interface tunnel passThrough_232 gre-protocol 2048
interface tunnel passThrough_232 max-bandwidth 0
interface tunnel passThrough_232 nat-mode none
interface tunnel passThrough_232 packet coalesce enable
interface tunnel passThrough_232 packet coalesce wait 0
interface tunnel passThrough_232 packet fec disable
interface tunnel passThrough_232 packet fec ratio 1:10
interface tunnel passThrough_232 packet reorder wait 100
interface tunnel passThrough_232 peer-name unassigned
interface tunnel passThrough_232 tag-name lan1
interface tunnel passThrough_232 threshold fastfail disable
interface tunnel passThrough_232 threshold fastfail-wait base-ms 150
interface tunnel passThrough_232 threshold fastfail-wait rtt-x 2
interface tunnel passThrough_232 threshold jitter 0
interface tunnel passThrough_232 threshold latency 0
interface tunnel passThrough_232 threshold loss 0.000000
interface tunnel passThrough_232 threshold retry-count 30
interface tunnel passThrough_232 udp-flow 256
interface tunnel passThrough_232 udp-port 4163
interface tunnel passThrough_239 admin up
interface tunnel passThrough_239 alias Passthrough_wan1
interface tunnel passThrough_239 control-packet dscp be
interface tunnel passThrough_239 gms-marked
interface tunnel passThrough_239 gre-protocol 2048
interface tunnel passThrough_239 max-bandwidth 0
interface tunnel passThrough_239 nat-mode none
interface tunnel passThrough_239 packet coalesce enable
interface tunnel passThrough_239 packet coalesce wait 0
interface tunnel passThrough_239 packet fec disable
interface tunnel passThrough_239 packet fec ratio 1:10
interface tunnel passThrough_239 packet reorder wait 100
interface tunnel passThrough_239 peer-name unassigned
interface tunnel passThrough_239 tag-name wan1
interface tunnel passThrough_239 threshold fastfail disable
interface tunnel passThrough_239 threshold fastfail-wait base-ms 150
interface tunnel passThrough_239 threshold fastfail-wait rtt-x 2
```

```
interface tunnel passThrough_239 threshold jitter 0
interface tunnel passThrough_239 threshold latency 0
interface tunnel passThrough_239 threshold loss 0.000000
interface tunnel passThrough_239 threshold retry-count 30
interface tunnel passThrough_239 udp-flow 256
interface tunnel passThrough_239 udp-port 4163
interface tunnel passThrough_240 admin up
interface tunnel passThrough_240 alias Passthrough_INET2_LAB_5030
interface tunnel passThrough_240 control-packet dscp be
interface tunnel passThrough_240 gms-marked
interface tunnel passThrough_240 gre-protocol 2048
interface tunnel passThrough_240 max-bandwidth 0
interface tunnel passThrough_240 nat-mode none
interface tunnel passThrough_240 packet coalesce enable
interface tunnel passThrough_240 packet coalesce wait 0
interface tunnel passThrough_240 packet fec disable
interface tunnel passThrough_240 packet fec ratio 1:10
interface tunnel passThrough_240 packet reorder wait 100
interface tunnel passThrough_240 peer-name unassigned
interface tunnel passThrough_240 tag-name 6-3
interface tunnel passThrough_240 threshold fastfail disable
interface tunnel passThrough_240 threshold fastfail-wait base-ms 150
interface tunnel passThrough_240 threshold fastfail-wait rtt-x 2
interface tunnel passThrough_240 threshold jitter 0
interface tunnel passThrough_240 threshold latency 0
interface tunnel passThrough_240 threshold loss 0.000000
interface tunnel passThrough_240 threshold retry-count 30
interface tunnel passThrough_240 udp-flow 256
interface tunnel passThrough_240 udp-port 4163
interface tunnel tunnel_222 admin up
interface tunnel tunnel_222 alias to_Baton-Rouge-EC_INET2_INET1
interface tunnel tunnel_222 control-packet dscp be
interface tunnel tunnel_222 gms-marked
interface tunnel tunnel_222 gre-protocol 2048
interface tunnel tunnel_222 max-bandwidth 35000
interface tunnel tunnel_222 nat-mode none
interface tunnel tunnel_222 packet coalesce enable
interface tunnel tunnel_222 packet coalesce wait 0
interface tunnel tunnel_222 packet fec auto
interface tunnel tunnel_222 packet fec ratio 1:10
interface tunnel tunnel_222 packet reorder wait 100
interface tunnel tunnel_222 peer-name unassigned
interface tunnel tunnel_222 tag-name 6-2
interface tunnel tunnel_222 threshold fastfail enable
interface tunnel tunnel_222 threshold fastfail-wait base-ms 150
interface tunnel tunnel_222 threshold fastfail-wait rtt-x 5
interface tunnel tunnel_222 threshold jitter 0
interface tunnel tunnel_222 threshold latency 0
interface tunnel tunnel_222 threshold loss 0.000000
interface tunnel tunnel_222 threshold retry-count 30
interface tunnel tunnel_222 udp-flow 256
interface tunnel tunnel_222 udp-port 4163
interface tunnel tunnel_241 admin up
interface tunnel tunnel_241 alias to_KW-10108_INET2_INET1
interface tunnel tunnel_241 control-packet dscp be
interface tunnel tunnel_241 gms-marked
interface tunnel tunnel_241 gre-protocol 2048
interface tunnel tunnel_241 max-bandwidth 35000
interface tunnel tunnel_241 nat-mode none
```

```
interface tunnel tunnel_241 packet coalesce enable
interface tunnel tunnel_241 packet coalesce wait 0
interface tunnel tunnel_241 packet fec auto
interface tunnel tunnel_241 packet fec ratio 1:10
interface tunnel tunnel_241 packet reorder wait 100
interface tunnel tunnel_241 peer-name unassigned
interface tunnel tunnel_241 tag-name 6-2
interface tunnel tunnel_241 threshold fastfail enable
interface tunnel tunnel_241 threshold fastfail-wait base-ms 150
interface tunnel tunnel_241 threshold fastfail-wait rtt-x 5
interface tunnel tunnel_241 threshold jitter 0
interface tunnel tunnel_241 threshold latency 0
interface tunnel tunnel_241 threshold loss 0.000000
interface tunnel tunnel_241 threshold retry-count 30
interface tunnel tunnel_241 udp-flow 256
interface tunnel tunnel_241 udp-port 4163
interface tunnel tunnel_242 admin up
interface tunnel tunnel_242 alias to_USN-VIL-E01_INET2-INET1
interface tunnel tunnel_242 control-packet dscp be
interface tunnel tunnel_242 gms-marked
interface tunnel tunnel_242 gre-protocol 2048
interface tunnel tunnel_242 max-bandwidth 35000
interface tunnel tunnel_242 nat-mode none
interface tunnel tunnel_242 packet coalesce enable
interface tunnel tunnel_242 packet coalesce wait 0
interface tunnel tunnel_242 packet fec auto
interface tunnel tunnel_242 packet fec ratio 1:10
interface tunnel tunnel_242 packet reorder wait 100
interface tunnel tunnel_242 peer-name unassigned
interface tunnel tunnel_242 tag-name 6-2
interface tunnel tunnel_242 threshold fastfail enable
interface tunnel tunnel_242 threshold fastfail-wait base-ms 150
interface tunnel tunnel_242 threshold fastfail-wait rtt-x 5
interface tunnel tunnel_242 threshold jitter 0
interface tunnel tunnel_242 threshold latency 0
interface tunnel tunnel_242 threshold loss 0.000000
interface tunnel tunnel_242 threshold retry-count 30
interface tunnel tunnel_242 udp-flow 256
interface tunnel tunnel_242 udp-port 4163
interface tunnel tunnel_222 ipsec enable
interface tunnel tunnel_241 ipsec enable
interface tunnel tunnel_242 ipsec enable
interface tunnel tunnel_222 ipsec auth-algorithm default
interface tunnel tunnel_222 ipsec crypto-algorithm aes128
interface tunnel tunnel_222 ipsec dhgroup 14
interface tunnel tunnel_222 ipsec dpd-delay 10
interface tunnel tunnel_222 ipsec esn enable
interface tunnel tunnel_222 ipsec exchange-mode default
interface tunnel tunnel_222 ipsec ike-auth-algo default
interface tunnel tunnel_222 ipsec ike-crypto-algo default
interface tunnel tunnel_222 ipsec ike-id-local
interface tunnel tunnel_222 ipsec ike-id-remote
interface tunnel tunnel_222 ipsec ike-lifetime 360
interface tunnel tunnel_222 ipsec ike-prf auto
interface tunnel tunnel_222 ipsec ike-version 1
interface tunnel tunnel_222 ipsec lifebyte 0
interface tunnel tunnel_222 ipsec lifetime 360
interface tunnel tunnel_222 ipsec pfs enable
interface tunnel tunnel_222 ipsec pfsgroup 14
```

```

interface tunnel tunnel_222 ipsec replay-check-window 1024
interface tunnel tunnel_241 ipsec auth-algorithm default
interface tunnel tunnel_241 ipsec crypto-algorithm aes128
interface tunnel tunnel_241 ipsec dhgroup 14
interface tunnel tunnel_241 ipsec dpd-delay 10
interface tunnel tunnel_241 ipsec esn enable
interface tunnel tunnel_241 ipsec exchange-mode default
interface tunnel tunnel_241 ipsec ike-auth-algo default
interface tunnel tunnel_241 ipsec ike-crypto-algo default
interface tunnel tunnel_241 ipsec ike-id-local
interface tunnel tunnel_241 ipsec ike-id-remote
interface tunnel tunnel_241 ipsec ike-lifetime 360
interface tunnel tunnel_241 ipsec ike-prf auto
interface tunnel tunnel_241 ipsec ike-version 1
interface tunnel tunnel_241 ipsec lifebyte 0
interface tunnel tunnel_241 ipsec lifetime 360
interface tunnel tunnel_241 ipsec pfs enable
interface tunnel tunnel_241 ipsec pfsgroup 14
interface tunnel tunnel_241 ipsec replay-check-window 1024
interface tunnel tunnel_242 ipsec auth-algorithm default
interface tunnel tunnel_242 ipsec crypto-algorithm aes128
interface tunnel tunnel_242 ipsec dhgroup 14
interface tunnel tunnel_242 ipsec dpd-delay 10
interface tunnel tunnel_242 ipsec esn enable
interface tunnel tunnel_242 ipsec exchange-mode default
interface tunnel tunnel_242 ipsec ike-auth-algo default
interface tunnel tunnel_242 ipsec ike-crypto-algo default
interface tunnel tunnel_242 ipsec ike-id-local
interface tunnel tunnel_242 ipsec ike-id-remote
interface tunnel tunnel_242 ipsec ike-lifetime 360
interface tunnel tunnel_242 ipsec ike-prf auto
interface tunnel tunnel_242 ipsec ike-version 1
interface tunnel tunnel_242 ipsec lifebyte 0
interface tunnel tunnel_242 ipsec lifetime 360
interface tunnel tunnel_242 ipsec pfs enable
interface tunnel tunnel_242 ipsec pfsgroup 14
interface tunnel tunnel_242 ipsec replay-check-window 1024

##
## Pass-Through Config
##
interface pass-through max-bandwidth 1000000000
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,nntp,smtps,ssh,telnet
application-group interactive panywhere,pcip,ssh,telnet,telnet,vnc,xwindows
application-group real-time cisco_skinny,h_323,rtcp,rtp,rtp_mux,rtp_video,rtp_voice,rtsp,sip,sip_tls,t_120
application-group replication
app_assure_replication,app_assure_svr_backup,aspera,avamar,bluearc,celerra,centera,commvault,datadomain,doubletake,netvault_replication,recoverpoint,
snapmirror,vplex,vsphere_replication_ini,vsphere_replication_ong,vvr,zerto_mgmt,zerto_replication

##
## DNS Config
##
dns cache dns-snoop enable

```

```

dns cache http enable
dns cache src-ip disable

##
## Access-List Config
##
access-list Overlay_CriticalApps 1000 comment ""
access-list Overlay_CriticalApps 1000 permit matchstr application:Webex
access-list Overlay_CriticalApps 1010 comment ""
access-list Overlay_CriticalApps 1010 permit matchstr application:Salesforce
access-list Overlay_CriticalApps 1020 comment ""
access-list Overlay_CriticalApps 1020 permit matchstr application:SharePointOnline
access-list Overlay_CriticalApps 1030 comment ""
access-list Overlay_CriticalApps 1030 permit matchstr application:Office365Exchange
access-list Overlay_CriticalApps 1040 comment ""
access-list Overlay_CriticalApps 1040 permit matchstr application:Slack
access-list Overlay_CriticalApps 1050 comment ""
access-list Overlay_CriticalApps 1050 permit matchstr application:Workday
access-list Overlay_CriticalApps 1060 comment ""
access-list Overlay_CriticalApps 1060 permit matchstr application:Adp
access-list Overlay_CriticalApps 1070 comment ""
access-list Overlay_CriticalApps 1070 permit matchstr application:ServiceNow
access-list Overlay_CriticalApps 1080 comment ""
access-list Overlay_CriticalApps 1080 permit matchstr application:GoToMeeting
access-list Overlay_CriticalApps 1090 comment ""
access-list Overlay_CriticalApps 1090 permit matchstr application:Atlassian
access-list Overlay_CriticalApps 1100 comment ""
access-list Overlay_CriticalApps 1100 permit matchstr application:Marketo
access-list Overlay_CriticalApps 1110 comment ""
access-list Overlay_CriticalApps 1110 permit matchstr application:Tableau
access-list Overlay_CriticalApps 1120 comment ""
access-list Overlay_CriticalApps 1120 permit matchstr application:Citrix
access-list Overlay_CriticalApps 1130 comment ""
access-list Overlay_CriticalApps 1130 permit matchstr application:SAP
access-list Overlay_CriticalApps 1140 comment ""
access-list Overlay_CriticalApps 1140 permit matchstr application:Ms_terminal_services
access-list Overlay_CriticalApps 1150 comment ""
access-list Overlay_CriticalApps 1150 permit matchstr application:Pcoip
access-list Overlay_CriticalApps 1160 comment ""
access-list Overlay_CriticalApps 1160 permit matchstr app_group:SilverPeak
access-list Overlay_CriticalApps 1170 comment ""
access-list Overlay_CriticalApps 1170 permit matchstr application:Dns
access-list Overlay_DefaultOverlay 1000 comment "Default overlay for all other traffic."
access-list Overlay_DefaultOverlay 1000 permit matchstr any
access-list Overlay_RealTime 1010 comment ""
access-list Overlay_RealTime 1010 permit matchstr dscp:ef
access-list Overlay_RealTime 1020 comment ""
access-list Overlay_RealTime 1020 permit matchstr application:RingCentral
access-list Overlay_RealTime 1030 comment ""
access-list Overlay_RealTime 1030 permit matchstr application:8X8
access-list Overlay_RealTime 1040 comment ""
access-list Overlay_RealTime 1040 permit matchstr application:SkypeForBusiness
access-list Overlay_RealTime 1050 comment ""
access-list Overlay_RealTime 1050 permit matchstr application:BlueJeans
access-list Overlay_RealTime 1060 comment ""
access-list Overlay_RealTime 1060 permit matchstr application:Zoom
access-list Overlay_RealTime 1070 comment ""
access-list Overlay_RealTime 1070 permit matchstr application:Rtp
access-list Overlay_RealTime 1080 comment ""

```

```

access-list Overlay_RealTime 1080 permit matchstr application:Rtp_mux
access-list Overlay_RealTime 1090 comment ""
access-list Overlay_RealTime 1090 permit matchstr application:Rtp_video
access-list Overlay_RealTime 1100 comment ""
access-list Overlay_RealTime 1100 permit matchstr application:Rtp_voice
access-list Overlay_RealTime 1110 comment ""
access-list Overlay_RealTime 1110 permit matchstr application:Sip
access-list Overlay_RealTime 1120 comment ""
access-list Overlay_RealTime 1120 permit matchstr application:Sip_tls
access-list Overlay_RealTime 1130 comment ""
access-list Overlay_RealTime 1130 permit matchstr application:H_323
access-list Overlay_RealTime 1140 comment ""
access-list Overlay_RealTime 1140 permit matchstr application:Rtcp
access-list Overlay_RealTime 1150 comment ""
access-list Overlay_RealTime 1150 permit matchstr app_group:Voice
access-list Overlay_RealTime 1160 comment ""
access-list Overlay_RealTime 1160 permit matchstr app_group:Real-Time

##
## Policy Config
##
nat-map map1 65535 comment ""
nat-map map1 65535 set nat-type no-nat direction none nat-ip auto fallback disable
nat-map map1 activate
no opt-map map1 10000
no opt-map map1 10010
opt-map map1 10020 comment ""
opt-map map1 10020 match matchstr protocol:tcp,either_port:443
no opt-map map1 10021
no opt-map map1 10030
no opt-map map1 10040
opt-map map1 10070 comment ""
opt-map map1 10070 match matchstr protocol:tcp,either_port:9100
opt-map map1 10070 set advanced-tcp e2e-fin-handling 0
opt-map map1 10070 set advanced-tcp max-l2w-buffer 256
opt-map map1 10070 set advanced-tcp max-w2l-buffer 256
no opt-map map1 10071
opt-map map1 65535 comment ""
opt-map map1 activate
qos-map map1 20000 comment "Generated by system for overlay: LAB_5030"
qos-map map1 20000 match matchstr overlay:3
qos-map map1 20000 set traffic-class 3 lan-qos trust-lan wan-qos trust-lan
qos-map map1 20001 comment "Generated by system for overlay: RealTime"
qos-map map1 20001 match matchstr overlay:1
qos-map map1 20001 set traffic-class 1 lan-qos trust-lan wan-qos trust-lan
qos-map map1 20002 comment "Generated by system for overlay: CaptWhite"
qos-map map1 20002 match matchstr overlay:7
qos-map map1 20002 set traffic-class 1 lan-qos trust-lan wan-qos be
qos-map map1 20003 comment "Generated by system for overlay: CriticalApps"
qos-map map1 20003 match matchstr overlay:2
qos-map map1 20003 set traffic-class 2 lan-qos trust-lan wan-qos trust-lan
qos-map map1 20004 comment "Generated by system for overlay: DefaultOverlay"
qos-map map1 20004 match matchstr overlay:4
qos-map map1 20004 set traffic-class 4 lan-qos trust-lan wan-qos trust-lan
qos-map map1 20005 comment "LAB 5030 overlay"
qos-map map1 20005 match matchstr vlan:31
qos-map map1 20005 set traffic-class 3 lan-qos trust-lan wan-qos trust-lan
qos-map map1 20006 comment "RealTime overlay"
qos-map map1 20006 match acl Overlay_RealTime

```



```
qos-map map1 20006 set traffic-class 1 lan-qos trust-lan wan-qos trust-lan
qos-map map1 20007 comment "CaptWhite overlay"
qos-map map1 20007 match matchstr vlan:25
qos-map map1 20007 set traffic-class 1 lan-qos trust-lan wan-qos be
qos-map map1 20008 comment "CriticalApps overlay"
qos-map map1 20008 match acl Overlay_CriticalApps
qos-map map1 20008 set traffic-class 2 lan-qos trust-lan wan-qos trust-lan
qos-map map1 20009 comment "DefaultOverlay overlay"
qos-map map1 20009 match acl Overlay_DefaultOverlay
qos-map map1 20009 set traffic-class 4 lan-qos trust-lan wan-qos trust-lan
qos-map map1 65535 comment ""
qos-map map1 65535 set traffic-class 1 lan-qos trust-lan wan-qos trust-lan
qos-map map1 activate
route-map map1 20000 comment "Generated by system for overlay: LAB_5030"
route-map map1 20000 match matchstr overlay:3
route-map map1 20000 set auto-opt-overlay 3 if-down pass-through
route-map map1 20001 comment "Generated by system for overlay: RealTime"
route-map map1 20001 match matchstr overlay:1
route-map map1 20001 set auto-opt-overlay 1 if-down pass-through
route-map map1 20002 comment "Generated by system for overlay: CaptWhite"
route-map map1 20002 match matchstr overlay:7
route-map map1 20002 set auto-opt-overlay 7 if-down pass-through
route-map map1 20003 comment "Generated by system for overlay: CriticalApps"
route-map map1 20003 match matchstr overlay:2
route-map map1 20003 set auto-opt-overlay 2 if-down pass-through
route-map map1 20004 comment "Generated by system for overlay: DefaultOverlay"
route-map map1 20004 match matchstr overlay:4
route-map map1 20004 set auto-opt-overlay 4 if-down pass-through
route-map map1 20005 comment "LAB_5030 overlay"
route-map map1 20005 match matchstr vlan:31
route-map map1 20005 set auto-opt-overlay 3 if-down pass-through
route-map map1 20006 comment "RealTime overlay"
route-map map1 20006 match acl Overlay_RealTime
route-map map1 20006 set auto-opt-overlay 1 if-down pass-through
route-map map1 20007 comment "CaptWhite overlay"
route-map map1 20007 match matchstr vlan:25
route-map map1 20007 set auto-opt-overlay 7 if-down pass-through
route-map map1 20008 comment "CriticalApps overlay"
route-map map1 20008 match acl Overlay_CriticalApps
route-map map1 20008 set auto-opt-overlay 2 if-down pass-through
route-map map1 20009 comment "DefaultOverlay overlay"
route-map map1 20009 match acl Overlay_DefaultOverlay
route-map map1 20009 set auto-opt-overlay 4 if-down pass-through
route-map map1 65535 comment ""
route-map map1 65535 set auto-optimize if-down pass-through
route-map map1 activate
rtmap default_rtmap_bgp_inbound_br 65535 comment ""
rtmap default_rtmap_bgp_inbound_br 65535 enable
rtmap default_rtmap_bgp_inbound_br 65535 match matchstr src_proto:bgp
rtmap default_rtmap_bgp_inbound_br 65535 set setstr action:permit,bgp_lcl_pref:100
rtmap default_rtmap_bgp_inbound_pe 65535 comment ""
rtmap default_rtmap_bgp_inbound_pe 65535 enable
rtmap default_rtmap_bgp_inbound_pe 65535 match matchstr src_proto:bgp
rtmap default_rtmap_bgp_inbound_pe 65535 set setstr action:permit,bgp_lcl_pref:100
rtmap default_rtmap_bgp_outbound_br 65485 comment ""
rtmap default_rtmap_bgp_outbound_br 65485 enable
rtmap default_rtmap_bgp_outbound_br 65485 match matchstr src_proto:ss-ospf
rtmap default_rtmap_bgp_outbound_br 65485 set setstr action:permit
rtmap default_rtmap_bgp_outbound_br 65495 comment ""
```

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

```
rtmap default_rtmap_to_subsh 65525 comment ""
rtmap default_rtmap_to_subsh 65525 enable
rtmap default_rtmap_to_subsh 65525 match matchstr src_proto:ospf
rtmap default_rtmap_to_subsh 65525 set setstr action:deny
rtmap default_rtmap_to_subsh 65535 comment ""
rtmap default_rtmap_to_subsh 65535 enable
rtmap default_rtmap_to_subsh 65535 match matchstr src_proto:bgp
rtmap default_rtmap_to_subsh 65535 set setstr action:deny

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

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

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

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

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

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

##
## LLDP Configuration
##
    interface lan1 cdp enable
    interface wan0 cdp enable
    interface wan1 cdp enable
    lldp holdtime 120
    lldp timer 60

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

```
tca appliance-capacity total-flows enable
tca total-flows default enable

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

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

##
## Interface Labels Configuration
##
iflabel add lan-label 24
iflabel add lan-label 25
iflabel add lan-label 31
iflabel add lan-label 4
iflabel add lan-label 5
iflabel add lan-label 9
iflabel add wan-label 1
iflabel add wan-label 16
iflabel add wan-label 17
iflabel add wan-label 18
iflabel add wan-label 19
iflabel add wan-label 2
iflabel add wan-label 20
iflabel add wan-label 21
iflabel add wan-label 28
iflabel add wan-label 29
iflabel add wan-label 3
iflabel add wan-label 30
iflabel add wan-label 32
iflabel add wan-label 6
iflabel add wan-label 7

##
## Overlay Configuration
##
overlay CaptWhite bonding-policy high-quality
overlay CaptWhite disqualify-behavior on-overlay-brownout
overlay CaptWhite fec-wait-time 80
overlay CaptWhite internet-traffic policy local-breakout backup
overlay CaptWhite internet-traffic policy local-breakout primary
overlay CaptWhite internet-traffic policy-list 0
overlay CaptWhite internet-traffic policy-list 0
overlay CaptWhite internet-traffic policy-list 0.000000000
overlay CaptWhite internet-traffic policy-list 1
overlay CaptWhite internet-traffic policy-list 1
overlay CaptWhite internet-traffic policy-list 80
overlay CaptWhite internet-traffic policy-list backhaul_via_overlay,drop
overlay CaptWhite internet-traffic policy-list false
overlay CaptWhite load-balance-policy waterfall-by-quality
```

```
overlay CaptWhite max-fec-pct 20.000000000
overlay CaptWhite min-fec-pct 2.000000000
overlay CaptWhite poc-wait-time-max 100
overlay CaptWhite poc-wait-time-min 5
overlay CaptWhite reorder-speed 2
overlay CaptWhite topo node_type non-hub
overlay CaptWhite wan-label INET1 boundary-behavior on-brownout
overlay CaptWhite wan-label INET1 cost 0
overlay CaptWhite wan-label INET1 priority 0
overlay CaptWhite wan-label INET2 boundary-behavior on-brownout
overlay CaptWhite wan-label INET2 cost 0
overlay CaptWhite wan-label INET2 priority 0
overlay CaptWhite wan-label Starlink1 boundary-behavior on-blackout
overlay CaptWhite wan-label Starlink1 cost 0
overlay CaptWhite wan-label Starlink1 priority 1
overlay CaptWhite wan-label Starlink2 boundary-behavior on-blackout
overlay CaptWhite wan-label Starlink2 cost 0
overlay CaptWhite wan-label Starlink2 priority 1
overlay CaptWhite wan-label Starlink3 boundary-behavior on-brownout
overlay CaptWhite wan-label Starlink3 cost 0
overlay CaptWhite wan-label Starlink3 priority 0
overlay CaptWhite wan-label Starlink4 boundary-behavior on-brownout
overlay CaptWhite wan-label Starlink4 cost 0
overlay CaptWhite wan-label Starlink4 priority 0
overlay CaptWhite wan-label Starlink5 boundary-behavior on-brownout
overlay CaptWhite wan-label Starlink5 cost 0
overlay CaptWhite wan-label Starlink5 priority 0
overlay CaptWhite wan-label Starlink6 boundary-behavior on-brownout
overlay CaptWhite wan-label Starlink6 cost 0
overlay CaptWhite wan-label Starlink6 priority 0
overlay CaptWhite zone add 0
overlay CriticalApps bonding-policy high-quality
overlay CriticalApps disqualify-behavior on-overlay-brownout
overlay CriticalApps fec-wait-time 80
overlay CriticalApps internet-traffic policy local-breakout backup
overlay CriticalApps internet-traffic policy local-breakout primary passThrough_219
overlay CriticalApps internet-traffic policy-list 0
overlay CriticalApps internet-traffic policy-list 0
overlay CriticalApps internet-traffic policy-list 0.000000000
overlay CriticalApps internet-traffic policy-list 1
overlay CriticalApps internet-traffic policy-list 1
overlay CriticalApps internet-traffic policy-list 80
overlay CriticalApps internet-traffic policy-list false
overlay CriticalApps internet-traffic policy-list local_breakout,backhaul_via_overlay,drop
overlay CriticalApps load-balance-policy waterfall-by-quality
overlay CriticalApps max-fec-pct 20.000000000
overlay CriticalApps min-fec-pct 2.000000000
overlay CriticalApps poc-wait-time-max 100
overlay CriticalApps poc-wait-time-min 5
overlay CriticalApps reorder-speed 2
overlay CriticalApps topo node_type non-hub
overlay CriticalApps wan-label INET1 boundary-behavior on-brownout
overlay CriticalApps wan-label INET1 cost 0
overlay CriticalApps wan-label INET1 priority 0
overlay CriticalApps wan-label INET2 boundary-behavior on-brownout
overlay CriticalApps wan-label INET2 cost 0
overlay CriticalApps wan-label INET2 priority 0
overlay CriticalApps wan-label LTE boundary-behavior on-blackout
overlay CriticalApps wan-label LTE cost 0
```

```
overlay CriticalApps wan-label LTE priority 2
overlay CriticalApps wan-label MPLS1 boundary-behavior on-brownout
overlay CriticalApps wan-label MPLS1 cost 0
overlay CriticalApps wan-label MPLS1 priority 0
overlay CriticalApps wan-label MPLS2 boundary-behavior on-brownout
overlay CriticalApps wan-label MPLS2 cost 0
overlay CriticalApps wan-label MPLS2 priority 0
overlay CriticalApps zone add 0
overlay DefaultOverlay bonding-policy high-quality
overlay DefaultOverlay disqualify-behavior on-overlay-brownout
overlay DefaultOverlay fec-wait-time 80
overlay DefaultOverlay internet-traffic policy local-breakout backup
overlay DefaultOverlay internet-traffic policy local-breakout primary
overlay DefaultOverlay internet-traffic policy-list 0
overlay DefaultOverlay internet-traffic policy-list 0
overlay DefaultOverlay internet-traffic policy-list 0.000000000
overlay DefaultOverlay internet-traffic policy-list 1
overlay DefaultOverlay internet-traffic policy-list 1
overlay DefaultOverlay internet-traffic policy-list 80
overlay DefaultOverlay internet-traffic policy-list backhaul_via_overlay,drop
overlay DefaultOverlay internet-traffic policy-list false
overlay DefaultOverlay load-balance-policy waterfall-by-quality
overlay DefaultOverlay max-fec-pct 20.000000000
overlay DefaultOverlay min-fec-pct 2.000000000
overlay DefaultOverlay poc-wait-time-max 100
overlay DefaultOverlay poc-wait-time-min 5
overlay DefaultOverlay reorder-speed 2
overlay DefaultOverlay topo_node_type non-hub
overlay DefaultOverlay wan-label_INET1 boundary-behavior on-brownout
overlay DefaultOverlay wan-label_INET1 cost 0
overlay DefaultOverlay wan-label_INET1 priority 0
overlay DefaultOverlay wan-label_INET2 boundary-behavior on-brownout
overlay DefaultOverlay wan-label_INET2 cost 0
overlay DefaultOverlay wan-label_INET2 priority 0
overlay DefaultOverlay wan-label LTE boundary-behavior on-blackout
overlay DefaultOverlay wan-label LTE cost 0
overlay DefaultOverlay wan-label LTE priority 2
overlay DefaultOverlay wan-label MPLS1 boundary-behavior on-brownout
overlay DefaultOverlay wan-label MPLS1 cost 0
overlay DefaultOverlay wan-label MPLS1 priority 0
overlay DefaultOverlay wan-label MPLS2 boundary-behavior on-brownout
overlay DefaultOverlay wan-label MPLS2 cost 0
overlay DefaultOverlay wan-label MPLS2 priority 0
overlay DefaultOverlay zone add 0
overlay LAB_5030 bonding-policy high-availability
overlay LAB_5030 disqualify-behavior on-overlay-brownout
overlay LAB_5030 fec-wait-time 2
overlay LAB_5030 internet-traffic policy local-breakout backup
overlay LAB_5030 internet-traffic policy local-breakout primary
overlay LAB_5030 internet-traffic policy-list 0
overlay LAB_5030 internet-traffic policy-list 0
overlay LAB_5030 internet-traffic policy-list 0.000000000
overlay LAB_5030 internet-traffic policy-list 1
overlay LAB_5030 internet-traffic policy-list 1
overlay LAB_5030 internet-traffic policy-list 80
overlay LAB_5030 internet-traffic policy-list drop
overlay LAB_5030 internet-traffic policy-list false
overlay LAB_5030 load-balance-policy waterfall-by-quality
overlay LAB_5030 max-fec-pct 100.000000000
```

```
overlay LAB_5030 min-fec-pct 100.000000000
overlay LAB_5030 poc-wait-time-max 100
overlay LAB_5030 poc-wait-time-min 5
overlay LAB_5030 reorder-speed 2
overlay LAB_5030 topo node_type non-hub
overlay LAB_5030 wan-label INET1 boundary-behavior on-blackout
overlay LAB_5030 wan-label INET1 cost 0
overlay LAB_5030 wan-label INET1 priority 1
overlay LAB_5030 wan-label INET2 boundary-behavior on-blackout
overlay LAB_5030 wan-label INET2 cost 0
overlay LAB_5030 wan-label INET2 priority 1
overlay LAB_5030 wan-label Starlink1 boundary-behavior on-blackout
overlay LAB_5030 wan-label Starlink1 cost 0
overlay LAB_5030 wan-label Starlink1 priority 2
overlay LAB_5030 wan-label UNDERLAY_W0_PT boundary-behavior on-blackout
overlay LAB_5030 wan-label UNDERLAY_W0_PT cost 0
overlay LAB_5030 wan-label UNDERLAY_W0_PT priority 1
overlay LAB_5030 wan-label UNDERLAY_W1_PT boundary-behavior on-brownout
overlay LAB_5030 wan-label UNDERLAY_W1_PT cost 0
overlay LAB_5030 wan-label UNDERLAY_W1_PT priority 0
overlay LAB_5030 zone add 0
overlay RealTime bonding-policy high-availability
overlay RealTime disqualify-behavior on-overlay-brownout
overlay RealTime fec-wait-time 2
overlay RealTime internet-traffic policy local-breakout backup
overlay RealTime internet-traffic policy local-breakout primary passThrough_218
overlay RealTime internet-traffic policy-list 0
overlay RealTime internet-traffic policy-list 0
overlay RealTime internet-traffic policy-list 0.000000000
overlay RealTime internet-traffic policy-list 1
overlay RealTime internet-traffic policy-list 1
overlay RealTime internet-traffic policy-list 80
overlay RealTime internet-traffic policy-list false
overlay RealTime internet-traffic policy-list local_breakout,backhaul_via_overlay,drop
overlay RealTime load-balance-policy waterfall-by-quality
overlay RealTime max-fec-pct 100.000000000
overlay RealTime min-fec-pct 100.000000000
overlay RealTime poc-wait-time-max 100
overlay RealTime poc-wait-time-min 5
overlay RealTime reorder-speed 2
overlay RealTime topo node_type non-hub
overlay RealTime wan-label INET1 boundary-behavior on-brownout
overlay RealTime wan-label INET1 cost 0
overlay RealTime wan-label INET1 priority 0
overlay RealTime wan-label INET2 boundary-behavior on-brownout
overlay RealTime wan-label INET2 cost 0
overlay RealTime wan-label INET2 priority 0
overlay RealTime wan-label LTE boundary-behavior on-blackout
overlay RealTime wan-label LTE cost 0
overlay RealTime wan-label LTE priority 2
overlay RealTime wan-label MPLS1 boundary-behavior on-brownout
overlay RealTime wan-label MPLS1 cost 0
overlay RealTime wan-label MPLS1 priority 0
overlay RealTime wan-label MPLS2 boundary-behavior on-brownout
overlay RealTime wan-label MPLS2 cost 0
overlay RealTime wan-label MPLS2 priority 0
overlay RealTime zone add 0
overlay add CaptWhite 7
overlay add CriticalApps 2
```

```

overlay add DefaultOverlay 4
overlay add LAB_5030 3
overlay add RealTime 1
overlay common internal-subnets 224.0.0.0/4,169.254.0.0/16,192.168.0.0/16,172.16.0.0/12,10.0.0.0/8
overlay common internal-subnetsv6 ""
overlay common route-match enable

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

##
## BGP Router Configuration
##
bgp ecmp enable
no bgp segment 0 as-path-advertise enable
bgp segment 0 asn 65534
no bgp segment 0 graceful-restart enable
bgp segment 0 graceful-restart max-restart-time 120
bgp segment 0 graceful-restart stale-path-time 150
bgp segment 0 log-nbr-msgs enable
bgp segment 0 router-id 0.0.0.0
router adv-loop count 10
router adv-loop interval 900

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

##
## IP Tracking Operation Configuration
##
ip-tracking action DN_ACTION_tun-dn_om_passThrough_218 attributes type=tun-dn;tun-alias=Passthrough_INET2_RealTime
ip-tracking action DN_ACTION_tun-dn_om_passThrough_219 attributes type=tun-dn;tun-alias=Passthrough_INET2_CriticalApps
ip-tracking action UP_ACTION_tun-up_om_passThrough_218 attributes type=tun-up;tun-alias=Passthrough_INET2_RealTime
ip-tracking action UP_ACTION_tun-up_om_passThrough_219 attributes type=tun-up;tun-alias=Passthrough_INET2_CriticalApps
ip-tracking manager MGR_ip-monitor_om_passThrough_218 attributes operation=OPERATION_om_passThrough_218;up-action=UP_ACTION_tun-
up_om_passThrough_218;dn-action=DN_ACTION_tun-dn_om_passThrough_218;interval=30
ip-tracking manager MGR_ip-monitor_om_passThrough_218 comment generated by overlay manager
ip-tracking manager MGR_ip-monitor_om_passThrough_219 attributes operation=OPERATION_om_passThrough_219;up-action=UP_ACTION_tun-
up_om_passThrough_219;dn-action=DN_ACTION_tun-dn_om_passThrough_219;interval=30
ip-tracking manager MGR_ip-monitor_om_passThrough_219 comment generated by overlay manager
ip-tracking operation OPERATION_om_passThrough_218 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=6;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_219 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=6;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 10.250.28.131 netmask 255.255.255.255
interface pim0 virtual pim ipaddress 169.254.124.1 netmask 255.255.255.0
interface pim1 virtual pim ipaddress 169.254.125.1 netmask 255.255.255.0
interface pim2 virtual pim ipaddress 169.254.126.1 netmask 255.255.255.0
```

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

```
##
## Segment Configuration
##
segment id 0 Default
segment id 0 zone 0 idx 0
segment id 0 zone 1 idx 1
segment id 0 zone 2 idx 2
segment id 0 zone 65535 idx 255
segment id 0 zone 7 idx 3
segmentation enable
vxlan port 4789
vxlan segment Default role-id 0
vxlan segment Default vni 4294967295
vxlan segment Default zone 0
vxlan vtep-interface ""
```

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

```
##
##
##
```

```
system auto-mac-configure disable
system bypass mode default
```

```
##
## Network management configuration
##
```

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

By using this IS (which includes any device attached to this IS), you consent to the following conditions:

- HPE Aruba Networking routinely intercepts and monitors communications on this IS for purposes including, but not limited to, penetration testing, network operations and defense, and personnel misconduct (PM).
- At any time, HPE Aruba Networking may inspect and seize data stored on this IS.
- Communications using, or data stored on, this IS are not private, are subject to routine monitoring, interception, and search, and may be disclosed or used for any HPE Aruba Networking-authorized purpose.

-This IS includes security measures (e.g., authentication and access controls) to protect HPE Aruba Networking interests--not for your personal benefit or privacy.

-Notwithstanding the above, using this IS does not constitute consent to PM investigative searching or monitoring of the content of privileged communications, or work product, related to personal representation or services by attorneys, psychotherapists, or clergy, and their assistants. Such communications and work product are private and confidential. See User Agreement for details."

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

By using this IS (which includes any device attached to this IS), you consent to the following conditions:

-HPE Aruba Networking routinely intercepts and monitors communications on this IS for purposes including, but not limited to, penetration testing, network operations and defense, and personnel misconduct (PM).

-At any time, HPE Aruba Networking may inspect and seize data stored on this IS.

-Communications using, or data stored on, this IS are not private, are subject to routine monitoring, interception, and search, and may be disclosed or used for any HPE Aruba Networking-authorized purpose.

-This IS includes security measures (e.g., authentication and access controls) to protect HPE Aruba Networking interests--not for your personal benefit or privacy.

-Notwithstanding the above, using this IS does not constitute consent to PM investigative searching or monitoring of the content of privileged communications, or work product, related to personal representation or services by attorneys, psychotherapists, or clergy, and their assistants. Such communications and work product are private and confidential. See User Agreement for details."

```
cli default allow-all-show disable
cli default auto-logout 15.0
clock timezone UTC
flow-export active-flow-timeout 1
flow-export destination 1 0.0.0.0 2055 netflow5
flow-export destination 2 0.0.0.0 2055 netflow5
flow-export disable
flow-export engine-id 1
flow-export engine-type 1
flow-export ipfix template refresh-timeout 10
flow-export optional-ies app-perf disable
flow-export optional-ies zbf disable
flow-export privacy-mask disable
flow-export privacy-mask ipv4 prefix-length 24
no flow-export traffic-type lan-rx
no flow-export traffic-type lan-tx
no flow-export traffic-type wan-rx
flow-export traffic-type wan-tx
no ntp disable
no ntp server pool.ntp.org disable
ntp server pool.ntp.org version 4
no ntp server time.nist.gov disable
ntp server time.nist.gov version 4
portal airgap mode disable
portal websocket enable
no security certificate verify orchestrator
security certificate verify portal
no security certificate verify stats-collector
security csrf enable
snmp-server community public ro
no snmp-server enable
no snmp-server enable traps
snmp-server listen enable
snmp-server traps event raise-alarm
snmp-server user admin
no snmp-server user admin v3 enable
snmp-server user admin v3 encrypted auth sha "" priv aes-128 ""
web apidocs disable
web appliance-tag 1
web appliance-tag 2
```

```

web appliance-tag 3
web appliance-tag 4
web appliance-tag 5
web appliance-tag 6
web appliance-tag 7
web appliance-tag 8
web auto-logout 15
web http disable
web https enable
web session max 10
web ssl-cipher-list TLSv1.2+FIPS:!kRSA:!eNULL:!aNULL:!3DES
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/tunneld/user_profile/config/defer_secmap_for_unknown_role value bool false
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-10106 #
```