

```
KW-10106 # show configuration running 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 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 /29
  interface mgmt0 label ""
  interface mgmt0 mtu 1500
no interface mgmt0 poe
  interface mgmt0 poe priority 0
  interface mgmt0 port-type RJ45
  interface mgmt0 security-mode 0
no interface mgmt0 shutdown
  interface mgmt0 speed-duplex auto/auto
  interface mgmt0 zone 0
no interface mgmt1 dhcp
  interface mgmt1 ip address 169.254.0.1 /16
  interface mgmt1 label ""
```

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

##

## 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
no system auto-subnet segment 1 add-lcl-communities
system auto-subnet segment 1 add-local metric 50
system auto-subnet segment 1 add-local-asn
system auto-subnet segment 1 add-local-lan enable
system auto-subnet segment 1 add-local-wan disable
system auto-subnet segment 1 local-asn-filter
no system auto-subnet segment 1 local-communities
system auto-subnet segment 1 local-communities ""
system auto-subnet segment 1 route-map "" 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 kw6 create interface wan0 wan
system router rtrl 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 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 smb2-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
```

##

## 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_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 BulkApps bonded-id 3
interface tunnel passThrough_187 create 192.168.21.1 0.0.0.0 100 auto no_encap
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_220 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 tunnel_222 create 192.168.86.28 107.215.36.181 100 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_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_BulkApps
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_187 admin up
interface tunnel passThrough_187 alias Passthrough_FSE_lan0
interface tunnel passThrough_187 control-packet dscp be
interface tunnel passThrough_187 gms-marked
interface tunnel passThrough_187 gre-protocol 2048
interface tunnel passThrough_187 max-bandwidth 0
interface tunnel passThrough_187 nat-mode none
interface tunnel passThrough_187 packet coalesce enable
interface tunnel passThrough_187 packet coalesce wait 0
interface tunnel passThrough_187 packet fec disable
interface tunnel passThrough_187 packet fec ratio 1:10
interface tunnel passThrough_187 packet reorder wait 100
interface tunnel passThrough_187 peer-name ""
interface tunnel passThrough_187 tag-name lan0
interface tunnel passThrough_187 threshold fastfail disable
interface tunnel passThrough_187 threshold fastfail-wait base-ms 150
interface tunnel passThrough_187 threshold fastfail-wait rtt-x 2
interface tunnel passThrough_187 threshold jitter 0
interface tunnel passThrough_187 threshold latency 0
interface tunnel passThrough_187 threshold loss 0.000000
interface tunnel passThrough_187 threshold retry-count 30
interface tunnel passThrough_187 udp-flow 256
interface tunnel passThrough_187 udp-port 4163
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_220 admin up
interface tunnel passThrough_220 alias Passthrough_INET2_BulkApps
interface tunnel passThrough_220 control-packet dscp be
interface tunnel passThrough_220 gms-marked
interface tunnel passThrough_220 gre-protocol 2048
interface tunnel passThrough_220 max-bandwidth 0
interface tunnel passThrough_220 nat-mode none
interface tunnel passThrough_220 packet coalesce enable
interface tunnel passThrough_220 packet coalesce wait 0
interface tunnel passThrough_220 packet fec disable
interface tunnel passThrough_220 packet fec ratio 1:10
interface tunnel passThrough_220 packet reorder wait 100
interface tunnel passThrough_220 peer-name Overlay_BulkApps_Primary
interface tunnel passThrough_220 tag-name 6-3
interface tunnel passThrough_220 threshold fastfail disable
interface tunnel passThrough_220 threshold fastfail-wait base-ms 150
interface tunnel passThrough_220 threshold fastfail-wait rtt-x 2
interface tunnel passThrough_220 threshold jitter 0
interface tunnel passThrough_220 threshold latency 0
interface tunnel passThrough_220 threshold loss 0.000000
interface tunnel passThrough_220 threshold retry-count 30
interface tunnel passThrough_220 udp-flow 256
interface tunnel passThrough_220 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 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_222 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

##
## 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,ssh,telnet,smtps,ssh,telnet
application-group interactive panywhere,pcoip,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_BulkApps 1000 comment ""
access-list Overlay_BulkApps 1000 permit matchstr application:Box
access-list Overlay_BulkApps 1010 comment ""
access-list Overlay_BulkApps 1010 permit matchstr application:Dropbox
access-list Overlay_BulkApps 1020 comment ""
access-list Overlay_BulkApps 1020 permit matchstr application:Github
access-list Overlay_BulkApps 1030 comment ""
access-list Overlay_BulkApps 1030 permit matchstr app_group:Replication
access-list Overlay_BulkApps 1040 comment ""
access-list Overlay_BulkApps 1040 permit matchstr application:Ftp
access-list Overlay_BulkApps 1050 comment ""
access-list Overlay_BulkApps 1050 permit matchstr application:Sftp
access-list Overlay_BulkApps 1060 comment ""
access-list Overlay_BulkApps 1060 permit matchstr application:Rsync-file-synchronization
access-list Overlay_CriticalApps 1000 comment ""
access-list Overlay_CriticalApps 1000 permit matchstr application:Webex
access-list Overlay_CriticalApps 1010 comment ""
access-list Overlay_CriticalApps 1010 permit matchstr application:Salesforce
access-list Overlay_CriticalApps 1020 comment ""
access-list Overlay_CriticalApps 1020 permit matchstr application:SharePointOnline
access-list Overlay_CriticalApps 1030 comment ""
access-list Overlay_CriticalApps 1030 permit matchstr application:Office365Exchange
access-list Overlay_CriticalApps 1040 comment ""
access-list Overlay_CriticalApps 1040 permit matchstr application:Slack
access-list Overlay_CriticalApps 1050 comment ""
access-list Overlay_CriticalApps 1050 permit matchstr application:Workday
access-list Overlay_CriticalApps 1060 comment ""
access-list Overlay_CriticalApps 1060 permit matchstr application:Adp
access-list Overlay_CriticalApps 1070 comment ""
access-list Overlay_CriticalApps 1070 permit matchstr application:ServiceNow
access-list Overlay_CriticalApps 1080 comment ""
access-list Overlay_CriticalApps 1080 permit matchstr application:GoToMeeting
access-list Overlay_CriticalApps 1090 comment ""
access-list Overlay_CriticalApps 1090 permit matchstr application:Atlassian
access-list Overlay_CriticalApps 1100 comment ""
access-list Overlay_CriticalApps 1100 permit matchstr application:Marketo
access-list Overlay_CriticalApps 1110 comment ""
access-list Overlay_CriticalApps 1110 permit matchstr application:Tableau
access-list Overlay_CriticalApps 1120 comment ""
access-list Overlay_CriticalApps 1120 permit matchstr application:Citrix
access-list Overlay_CriticalApps 1130 comment ""
access-list Overlay_CriticalApps 1130 permit matchstr application:SAP
access-list Overlay_CriticalApps 1140 comment ""
access-list Overlay_CriticalApps 1140 permit matchstr application:Ms_terminal_services
access-list Overlay_CriticalApps 1150 comment ""
access-list Overlay_CriticalApps 1150 permit matchstr application:Pcoip
access-list Overlay_CriticalApps 1160 comment ""
access-list Overlay_CriticalApps 1160 permit matchstr app_group:SilverPeak
access-list Overlay_CriticalApps 1170 comment ""
access-list Overlay_CriticalApps 1170 permit matchstr application:Dns
access-list Overlay_DefaultOverlay 1000 comment "Default overlay for all other traffic."
access-list Overlay_DefaultOverlay 1000 permit matchstr any
access-list Overlay_RealTime 1010 comment ""
access-list Overlay_RealTime 1010 permit matchstr dscp:ef
```



```

access-list Overlay_RealTime 1020 comment ""
access-list Overlay_RealTime 1020 permit matchstr application:RingCentral
access-list Overlay_RealTime 1030 comment ""
access-list Overlay_RealTime 1030 permit matchstr application:8X8
access-list Overlay_RealTime 1040 comment ""
access-list Overlay_RealTime 1040 permit matchstr application:SkypeForBusiness
access-list Overlay_RealTime 1050 comment ""
access-list Overlay_RealTime 1050 permit matchstr application:BlueJeans
access-list Overlay_RealTime 1060 comment ""
access-list Overlay_RealTime 1060 permit matchstr application:Zoom
access-list Overlay_RealTime 1070 comment ""
access-list Overlay_RealTime 1070 permit matchstr application:Rtp
access-list Overlay_RealTime 1080 comment ""
access-list Overlay_RealTime 1080 permit matchstr application:Rtp_mux
access-list Overlay_RealTime 1090 comment ""
access-list Overlay_RealTime 1090 permit matchstr application:Rtp_video
access-list Overlay_RealTime 1100 comment ""
access-list Overlay_RealTime 1100 permit matchstr application:Rtp_voice
access-list Overlay_RealTime 1110 comment ""
access-list Overlay_RealTime 1110 permit matchstr application:Sip
access-list Overlay_RealTime 1120 comment ""
access-list Overlay_RealTime 1120 permit matchstr application:Sip_tls
access-list Overlay_RealTime 1130 comment ""
access-list Overlay_RealTime 1130 permit matchstr application:H_323
access-list Overlay_RealTime 1140 comment ""
access-list Overlay_RealTime 1140 permit matchstr application:Rtcp
access-list Overlay_RealTime 1150 comment ""
access-list Overlay_RealTime 1150 permit matchstr app_group:Voice
access-list Overlay_RealTime 1160 comment ""
access-list Overlay_RealTime 1160 permit matchstr app_group:Real-Time

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

```

```
qos-map map1 20002 match matchstr overlay:2
qos-map map1 20002 set traffic-class 2 lan-qos trust-lan wan-qos trust-lan
qos-map map1 20003 comment "Generated by system for overlay: BulkApps"
qos-map map1 20003 match matchstr overlay:3
qos-map map1 20003 set traffic-class 3 lan-qos trust-lan wan-qos trust-lan
qos-map map1 20004 comment "Generated by system for overlay: DefaultOverlay"
qos-map map1 20004 match matchstr overlay:4
qos-map map1 20004 set traffic-class 4 lan-qos trust-lan wan-qos trust-lan
qos-map map1 20005 comment "RealTime overlay"
qos-map map1 20005 match acl Overlay_RealTime
qos-map map1 20005 set traffic-class 1 lan-qos trust-lan wan-qos trust-lan
qos-map map1 20006 comment "CaptWhite overlay"
qos-map map1 20006 match matchstr vlan:25
qos-map map1 20006 set traffic-class 1 lan-qos trust-lan wan-qos be
qos-map map1 20007 comment "CriticalApps overlay"
qos-map map1 20007 match acl Overlay_CriticalApps
qos-map map1 20007 set traffic-class 2 lan-qos trust-lan wan-qos trust-lan
qos-map map1 20008 comment "BulkApps overlay"
qos-map map1 20008 match acl Overlay_BulkApps
qos-map map1 20008 set traffic-class 3 lan-qos trust-lan wan-qos trust-lan
qos-map map1 20009 comment "DefaultOverlay overlay"
qos-map map1 20009 match acl Overlay_DefaultOverlay
qos-map map1 20009 set traffic-class 4 lan-qos trust-lan wan-qos trust-lan
qos-map map1 65535 comment ""
qos-map map1 65535 set traffic-class 1 lan-qos trust-lan wan-qos trust-lan
qos-map map1 activate

route-map map1 20000 comment "Generated by system for overlay: RealTime"
route-map map1 20000 match matchstr overlay:1
route-map map1 20000 set auto-opt-overlay 1 if-down pass-through
route-map map1 20001 comment "Generated by system for overlay: CaptWhite"
route-map map1 20001 match matchstr overlay:7
route-map map1 20001 set auto-opt-overlay 7 if-down pass-through
route-map map1 20002 comment "Generated by system for overlay: CriticalApps"
route-map map1 20002 match matchstr overlay:2
route-map map1 20002 set auto-opt-overlay 2 if-down pass-through
route-map map1 20003 comment "Generated by system for overlay: BulkApps"
route-map map1 20003 match matchstr overlay:3
route-map map1 20003 set auto-opt-overlay 3 if-down pass-through
route-map map1 20004 comment "Generated by system for overlay: DefaultOverlay"
route-map map1 20004 match matchstr overlay:4
route-map map1 20004 set auto-opt-overlay 4 if-down pass-through
route-map map1 20005 comment "RealTime overlay"
route-map map1 20005 match acl Overlay_RealTime
route-map map1 20005 set auto-opt-overlay 1 if-down pass-through
route-map map1 20006 comment "CaptWhite overlay"
route-map map1 20006 match matchstr vlan:25
route-map map1 20006 set auto-opt-overlay 7 if-down pass-through
route-map map1 20007 comment "CriticalApps overlay"
route-map map1 20007 match acl Overlay_CriticalApps
route-map map1 20007 set auto-opt-overlay 2 if-down pass-through
route-map map1 20008 comment "BulkApps overlay"
route-map map1 20008 match acl Overlay_BulkApps
route-map map1 20008 set auto-opt-overlay 3 if-down pass-through
route-map map1 20009 comment "DefaultOverlay overlay"
route-map map1 20009 match acl Overlay_DefaultOverlay
route-map map1 20009 set auto-opt-overlay 4 if-down pass-through
route-map map1 65535 comment ""
route-map map1 65535 set auto-optimize if-down pass-through
route-map map1 activate
```

```
rtmap default_rtmap_bgp_inbound_br 65535 comment ""
rtmap default_rtmap_bgp_inbound_br 65535 enable
rtmap default_rtmap_bgp_inbound_br 65535 match matchstr src_proto:bgp
rtmap default_rtmap_bgp_inbound_br 65535 set setstr action:permit,bgp_lcl_pref:100
rtmap default_rtmap_bgp_inbound_pe 65535 comment ""
rtmap default_rtmap_bgp_inbound_pe 65535 enable
rtmap default_rtmap_bgp_inbound_pe 65535 match matchstr src_proto:bgp
rtmap default_rtmap_bgp_inbound_pe 65535 set setstr action:permit,bgp_lcl_pref:100
rtmap default_rtmap_bgp_outbound_br 65485 comment ""
rtmap default_rtmap_bgp_outbound_br 65485 enable
rtmap default_rtmap_bgp_outbound_br 65485 match matchstr src_proto:ss-ospf
rtmap default_rtmap_bgp_outbound_br 65485 set setstr action:permit
rtmap default_rtmap_bgp_outbound_br 65495 comment ""
rtmap default_rtmap_bgp_outbound_br 65495 enable
rtmap default_rtmap_bgp_outbound_br 65495 match matchstr src_proto:ss-bgp
rtmap default_rtmap_bgp_outbound_br 65495 set setstr action:permit
rtmap default_rtmap_bgp_outbound_br 65505 comment ""
rtmap default_rtmap_bgp_outbound_br 65505 enable
rtmap default_rtmap_bgp_outbound_br 65505 match matchstr src_proto:local
rtmap default_rtmap_bgp_outbound_br 65505 set setstr action:permit
rtmap default_rtmap_bgp_outbound_br 65515 comment ""
rtmap default_rtmap_bgp_outbound_br 65515 enable
rtmap default_rtmap_bgp_outbound_br 65515 match matchstr src_proto:subshare
rtmap default_rtmap_bgp_outbound_br 65515 set setstr action:permit
rtmap default_rtmap_bgp_outbound_br 65525 comment ""
rtmap default_rtmap_bgp_outbound_br 65525 enable
rtmap default_rtmap_bgp_outbound_br 65525 match matchstr src_proto:ospf
rtmap default_rtmap_bgp_outbound_br 65525 set setstr action:permit
rtmap default_rtmap_bgp_outbound_br 65535 comment ""
rtmap default_rtmap_bgp_outbound_br 65535 enable
rtmap default_rtmap_bgp_outbound_br 65535 match matchstr src_proto:bgp
rtmap default_rtmap_bgp_outbound_br 65535 set setstr action:permit
rtmap default_rtmap_bgp_outbound_pe 65485 comment ""
rtmap default_rtmap_bgp_outbound_pe 65485 enable
rtmap default_rtmap_bgp_outbound_pe 65485 match matchstr src_proto:ss-ospf
rtmap default_rtmap_bgp_outbound_pe 65485 set setstr action:deny
rtmap default_rtmap_bgp_outbound_pe 65495 comment ""
rtmap default_rtmap_bgp_outbound_pe 65495 enable
rtmap default_rtmap_bgp_outbound_pe 65495 match matchstr src_proto:ss-bgp
rtmap default_rtmap_bgp_outbound_pe 65495 set setstr action:deny
rtmap default_rtmap_bgp_outbound_pe 65505 comment ""
rtmap default_rtmap_bgp_outbound_pe 65505 enable
rtmap default_rtmap_bgp_outbound_pe 65505 match matchstr src_proto:local
rtmap default_rtmap_bgp_outbound_pe 65505 set setstr action:permit
rtmap default_rtmap_bgp_outbound_pe 65515 comment ""
rtmap default_rtmap_bgp_outbound_pe 65515 enable
rtmap default_rtmap_bgp_outbound_pe 65515 match matchstr src_proto:subshare
rtmap default_rtmap_bgp_outbound_pe 65515 set setstr action:deny
rtmap default_rtmap_bgp_outbound_pe 65525 comment ""
rtmap default_rtmap_bgp_outbound_pe 65525 enable
rtmap default_rtmap_bgp_outbound_pe 65525 match matchstr src_proto:ospf
rtmap default_rtmap_bgp_outbound_pe 65525 set setstr action:permit
rtmap default_rtmap_bgp_outbound_pe 65535 comment ""
rtmap default_rtmap_bgp_outbound_pe 65535 enable
rtmap default_rtmap_bgp_outbound_pe 65535 match matchstr src_proto:bgp
rtmap default_rtmap_bgp_outbound_pe 65535 set setstr action:permit
rtmap default_rtmap_to_ospf 65505 comment ""
rtmap default_rtmap_to_ospf 65505 enable
rtmap default_rtmap_to_ospf 65505 match matchstr src_proto:local
```

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

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

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

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

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

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

```
##
## CDP Configuration
##
cdp holdtime 180
cdp timer 60
```

```
##
## LLDP Configuration
##
```

```
interface wan0 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 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 6
iflabel add wan-label 7

##
## Overlay Configuration
##
overlay BulkApps bonding-policy high-quality
overlay BulkApps disqualify-behavior on-overlay-brownout
overlay BulkApps fec-wait-time 80
overlay BulkApps internet-traffic policy local-breakout backup
overlay BulkApps internet-traffic policy local-breakout primary passThrough_220
overlay BulkApps internet-traffic policy-list 0
overlay BulkApps internet-traffic policy-list 0
```

```
overlay BulkApps internet-traffic policy-list 0.000000000
overlay BulkApps internet-traffic policy-list 1
overlay BulkApps internet-traffic policy-list 1
overlay BulkApps internet-traffic policy-list 80
overlay BulkApps internet-traffic policy-list false
overlay BulkApps internet-traffic policy-list local_breakout,backhaul_via_overlay,drop
overlay BulkApps load-balance-policy waterfall-by-quality
overlay BulkApps max-fec-pct 20.000000000
overlay BulkApps min-fec-pct 2.000000000
overlay BulkApps poc-wait-time-max 100
overlay BulkApps poc-wait-time-min 5
overlay BulkApps reorder-speed 2
overlay BulkApps topo node_type non-hub
overlay BulkApps wan-label INET1 boundary-behavior on-brownout
overlay BulkApps wan-label INET1 cost 0
overlay BulkApps wan-label INET1 priority 0
overlay BulkApps wan-label INET2 boundary-behavior on-brownout
overlay BulkApps wan-label INET2 cost 0
overlay BulkApps wan-label INET2 priority 0
overlay BulkApps wan-label LTE boundary-behavior on-blackout
overlay BulkApps wan-label LTE cost 0
overlay BulkApps wan-label LTE priority 2
overlay BulkApps wan-label MPLS1 boundary-behavior on-brownout
overlay BulkApps wan-label MPLS1 cost 0
overlay BulkApps wan-label MPLS1 priority 0
overlay BulkApps wan-label MPLS2 boundary-behavior on-brownout
overlay BulkApps wan-label MPLS2 cost 0
overlay BulkApps wan-label MPLS2 priority 0
overlay BulkApps zone add 0
overlay CaptWhite bonding-policy high-quality
overlay CaptWhite disqualify-behavior on-overlay-brownout
overlay CaptWhite fec-wait-time 80
overlay CaptWhite internet-traffic policy local-breakout backup
overlay CaptWhite internet-traffic policy local-breakout primary
overlay CaptWhite internet-traffic policy-list 0
overlay CaptWhite internet-traffic policy-list 0
overlay CaptWhite internet-traffic policy-list 0.000000000
overlay CaptWhite internet-traffic policy-list 1
overlay CaptWhite internet-traffic policy-list 1
overlay CaptWhite internet-traffic policy-list 80
overlay CaptWhite internet-traffic policy-list backhaul_via_overlay,drop
overlay CaptWhite internet-traffic policy-list false
overlay CaptWhite load-balance-policy waterfall-by-quality
overlay CaptWhite max-fec-pct 20.000000000
overlay CaptWhite min-fec-pct 2.000000000
overlay CaptWhite poc-wait-time-max 100
overlay CaptWhite poc-wait-time-min 5
overlay CaptWhite reorder-speed 2
overlay CaptWhite topo node_type non-hub
overlay CaptWhite wan-label INET1 boundary-behavior on-brownout
overlay CaptWhite wan-label INET1 cost 0
overlay CaptWhite wan-label INET1 priority 0
overlay CaptWhite wan-label INET2 boundary-behavior on-brownout
overlay CaptWhite wan-label INET2 cost 0
overlay CaptWhite wan-label INET2 priority 0
overlay CaptWhite wan-label Starlink1 boundary-behavior on-blackout
overlay CaptWhite wan-label Starlink1 cost 0
overlay CaptWhite wan-label Starlink1 priority 1
overlay CaptWhite wan-label Starlink2 boundary-behavior on-blackout
```

```
overlay CaptWhite wan-label Starlink2 cost 0
overlay CaptWhite wan-label Starlink2 priority 1
overlay CaptWhite wan-label Starlink3 boundary-behavior on-brownout
overlay CaptWhite wan-label Starlink3 cost 0
overlay CaptWhite wan-label Starlink3 priority 0
overlay CaptWhite wan-label Starlink4 boundary-behavior on-brownout
overlay CaptWhite wan-label Starlink4 cost 0
overlay CaptWhite wan-label Starlink4 priority 0
overlay CaptWhite wan-label Starlink5 boundary-behavior on-brownout
overlay CaptWhite wan-label Starlink5 cost 0
overlay CaptWhite wan-label Starlink5 priority 0
overlay CaptWhite wan-label Starlink6 boundary-behavior on-brownout
overlay CaptWhite wan-label Starlink6 cost 0
overlay CaptWhite wan-label Starlink6 priority 0
overlay CaptWhite zone add 0
overlay CriticalApps bonding-policy high-quality
overlay CriticalApps disqualify-behavior on-overlay-brownout
overlay CriticalApps fec-wait-time 80
overlay CriticalApps internet-traffic policy local-breakout backup
overlay CriticalApps internet-traffic policy local-breakout primary passThrough_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 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 BulkApps 3
overlay add CaptWhite 7
overlay add CriticalApps 2
overlay add DefaultOverlay 4
overlay add RealTime 1
overlay common internal-subnets 224.0.0.0/4,169.254.0.0/16,192.168.0.0/16,172.16.0.0/12,10.0.0.0/8
overlay common internal-subnetsv6 ""
overlay common route-match enable

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

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

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

##
## IP Tracking Operation Configuration
##
ip-tracking action DN_ACTION_tun-dn_om_passThrough_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 DN_ACTION_tun-dn_om_passThrough_220 attributes type=tun-dn;tun-alias=Passthrough_INET2_BulkApps
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 action UP_ACTION_tun-up_om_passThrough_220 attributes type=tun-up;tun-alias=Passthrough_INET2_BulkApps
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 manager MGR_ip-monitor_om_passThrough_220 attributes operation=OPERATION_om_passThrough_220;up-action=UP_ACTION_tun-
up_om_passThrough_220;dn-action=DN_ACTION_tun-dn_om_passThrough_220;interval=30
ip-tracking manager MGR_ip-monitor_om_passThrough_220 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
ip-tracking operation OPERATION_om_passThrough_220 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 1 5030
segment id 1 zone 3 idx 0
segment id 1 zone 4 idx 1
segment id 1 zone 5 idx 2
segment id 1 zone 6 idx 255
segmentation enable
vxlan port 4789
vxlan segment 5030 role-id 0
vxlan segment 5030 vni 4294967295
vxlan segment 5030 zone 0
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 #

```